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Petroleum Marketing Monthly

June 1994

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MASTER

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Preface

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

Scope of Data

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

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

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

Sections

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

- Summary Statistics
- Crude Oil Prices
- Prices of Petroleum Products
- 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 Statistics section. More detailed geographic coverage occurs in the other four sections. Geographic coverage for crude oil includes country of origin for foreign crude and Petroleum Administration for Defense (PAD) Districts and individual States for domestic crude oil. Geographic coverage of the petroleum products includes PAD Districts and individual States.

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

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

Notes on the Tables

- For the crude oil statistics referencing Form EIA-182, United States includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, United States includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.
- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.
- Some of the tables use State abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.
- Sales of leaded gasoline are reported in the Conventional gasoline category by appropriate grade in the Prime Supplier Sales Volumes section, but are excluded from gasoline sales prices and volumes in all other sections of the publication. Leaded gasoline is a component of averages and totals prior to October 1993.
- Reformulated gasoline sales data will be presented in Tables 12, 13, 34, 44, and 48 later this year as the industry prepares to comply with the requirements of the reformulated gasoline program.
- References to "Refiners" include gas plant operators (see the Glossary for definition of "Gas Plant Operators"). All tables whose titles do not specifically reference "Refiners" contain data from all sellers. "All Sellers" includes refiners, gas plant operators, resellers, and retailers.
- "Prime Supplier" refers to a firm that produces, imports, or transports any of the selected petroleum products across State boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.
- The category "Retail Outlet" refers to any company-operated outlet selling gasoline, on-highway low-sulfur diesel fuel, or propane for on-highway vehicle use (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold as, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).

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Feature Article

- **The Second Oxygenated Gasoline Season**

The Second Oxygenated Gasoline Season

by Charles Dale

Introduction

There have been two oxygenated gasoline seasons since the Clean Air Act Amendments (CAAA) of 1990 mandated the use of oxygenated fuels in areas of the country that do not meet carbon monoxide emission standards. The first season, during the winter of 1992/93, went smoothly, but not as predicted.¹ Demand for oxygenated gasoline was lower than expected, projected shortages of oxygenates never materialized, and prices of both oxygenates and oxygenated gasoline fell throughout the season.

The second oxygenated gasoline season, during the winter of 1993/94, also went smoothly, but with significant differences from the first gasoline season. This article discusses those differences, including shifts in the period of peak oxygenate use, lower stock levels and higher production, and increased production capacity.

Demand for Oxygenates and Oxygenated Gasoline

The demand for oxygenates and oxygenated gasoline was estimated to be slightly less this year than for last year's initial oxygenated gasoline season. One of the causes of the decline is that the Hartford, CT, area, the Syracuse, NY, area, the Cleveland, OH, area, and areas in Alaska where oxygenated gasolines were required last year, are not participating in the oxygenated gasolines program this year. The three cities asserted that they met the carbon monoxide emissions standards, while Alaska continued to remain out because of concerns that oxygenated gasoline caused health problems. Their nonparticipation resulted in a decline of about 145,000 barrels per day of oxygenated gasoline requirements. Overall demand for gasoline was up

about 1.6 percent in the fourth quarter of 1993 over the fourth quarter of 1992, adding about 35,000 barrels per day of oxygenated gasoline demand.² Thus net oxygenated gasoline requirements were down about 110,000 barrels per day (5.0 percent).

Of the two primary oxygenates, ethanol and methyl tertiary butyl ether (MTBE), ethanol was affected more by the nonparticipation of the Cleveland and Syracuse areas. Ethanol was mainly used last year to produce the oxygenated gasoline for the Cleveland area, and ethanol was also used in some of the oxygenated gasoline made for the Syracuse area. Decline in MTBE use this year was primarily affected by the nonparticipation of the Hartford, CT area (in the program for November only). The loss of the Hartford area represented a drop of 5,000 barrels per day out of a total U.S. estimated decline of 8,000 barrels per day of MTBE for the 1993/94 season versus last year.

The Environmental Protection Agency (EPA) defines oxygenated gasoline as containing more than 2.7 percent oxygen by weight. The Department of Energy (DOE) began collecting and publishing supply and disposition data on oxygenated gasoline (contains more than 1.8 percent oxygen by weight, in accordance with a lower limit in California) as a separate refined product in January 1993. In 1992, estimated consumption of MTBE and ethanol³ was used to estimate oxygenated gasoline production and consumption. The MTBE used in the United States over the past 2 years is shown in Figure FE1. The level of MTBE use in the 1993/94 oxygenated fuel season is slightly less than in the 1992/93 season. This is consistent with expectations. The actual volume differences in MTBE use are not an exact reflection of the differences in oxygenated gasoline consumption for the two seasons because the oxygenated gasoline stocking build/draw cycle may not exactly correspond to the MTBE stocking pattern.

¹ Dale, C., Hackworth, J. H., Shore, J. and Ostrich, J., "First Oxygenated Gasoline Season Shakes Out Differently Than Expected," *Oil & Gas Journal*, Oct. 25, 1993, pp. 66-75.

² Energy Information Administration, *Monthly Energy Review*, DOE/EIA-0035, Table 3.4, various issues, 1993/94.

³ Estimates of MTBE and ethanol consumption were made from production, stock change, and imports. A very small quantity of exports was ignored.

Figure FE1. MTE2 Product Supplied

Sources: "Weekly Petroleum Status Report," various issues, Table B3, and "Petroleum Supply Monthly," various issues, Table 33.

Figure FE2. Ethanol Product Supplied

Source: "Weekly Petroleum Status Report," various issues, Table B2.

Figure FE3. MTBE Monthly Production

Source: "Weekly Petroleum Status Report," various issues, Table B3.

Figure FE4. MTBE Monthly Stock Change

Source: "Weekly Petroleum Status Report," various issues, Table B3.

Two differences between this winter and last are illustrated in Figure FE1. First, because the oxygenated gasoline season began a month earlier in 1993/94, the period of peak MTBE use began in September compared with October for the prior year. Second, the use of MTBE in the summer of 1993 was more than double the consumption in the summer of 1992. This is probably due to the large volume of MTBE available on the market and to much less concern about adequacy of supply for the coming 1993/94 winter oxygenated gasoline season compared to the level of concern which existed in the months leading up to the previous year's "first oxygenated gasoline season."

The demand for ethanol is shown for 1992 and 1993 in Figure FE2. Despite Syracuse's and Cleveland's non-participation, data for the 1993/94 oxy season in Figure FE2 showed little decline in ethanol supplied to the market versus the 1992/93 season. In contrast to MTBE, where making oxygenated gasoline is the dominant use, most ethanol is still used in producing gasohol marketed in attainment areas, primarily in PAD District 2 States. Even in compliance months, it is estimated that only 30-35 percent of ethanol consumption goes to nonattainment areas.

Supply of Oxygenates

The supply situation for oxygenates also showed some changes in 1993 from 1992, primarily with respect to MTBE supply. While demand was slightly less this oxygenated gasoline season than last, MTBE production increased as production capacity continued to increase. The results are shown in Figures FE3 and FE4. Comparing the fourth quarter of 1993 with the same period of the previous year, production was up over 25,000 barrels per day while the rate of stock drawdown decreased by 30,000 to 40,000 barrels per day. At the end of September 1993, when the second oxygenated gasoline season began, MTBE stocks were 15.51 million barrels. This was considerably below the 22.653 million barrels in the previous year. However, the lower stock level at the beginning of this past oxygenated gasoline season posed no problem because of the higher production levels. MTBE imports were up slightly in the second oxygenated gasoline season compared to the prior year. Most imports went into either PAD District 1 or PAD District 5. The volume of MTBE imports this past season was not a result of the inability of U.S. producers to meet demand but rather are more a consequence of corporate ties (e.g., Canadian imports) and foreign producers willing to compete with U.S. producers at U.S. prices.

Regional Differences in Oxygenated Gasoline Supply/Demand

The collection of gasoline supply/demand data as either conventional or oxygenated now makes it possible to follow oxygenated gasoline production and supply at both the national and regional levels. The CAAA oxygenated gasoline demand requirements are mostly concentrated in the dense population centers of the Northeast and the West Coast, resulting in significant differences in regional production and supply patterns. The production of oxygenated gasoline as percent of total gasoline in 1993 is shown in Figure FE5 for PAD Districts 1, 3 & 5. In PAD District 1, refiners' average oxygenated gasoline production is about 50 percent of the total in the CAAA winter compliance months. Since the CAAA nonattainment areas comprise a substantial part of the market for most PAD District 1 refiners, they produce substantial oxygenated gasoline mostly by blending MTBE at the refinery. Figure FE5 shows that PAD District 3 refiners average production is only about 15 percent oxygenated gasoline in the peak winter months. But there is enormous variation around that average, depending on the target market of the refinery's production. As much as 40 to 50 percent of the oxygenated gasoline consumed in PAD District 1 is produced in other PAD Districts (principally PAD District 3).

PAD District 5 refiners face the highest oxygenated gasoline production requirements, since all of the State of California participates and parts of both Oregon and Washington are also nonattainment areas. Some PAD District 5 refiners produce over 75 percent oxygenated gasoline in the winter season using MTBE. Ethanol is also used in PAD District 5 in field production of oxygenated gasoline. Because of California's lower limit on oxygen content (1.8-2.0 weight percent), the oxygenated gasoline produced for the California market contains about 11 percent MTBE equivalent compared to the 15 percent by volume used in other States.

The oxygenated gasoline supply picture for PAD District 1 shown in Figure FE6 reveals some interesting insights about the seasonal pattern of oxygenated gasoline use last year. As can be seen, oxygenated gasoline meeting the definition of at least 1.8 weight percent oxygen content continued to be consumed well into the summer months. Some of this could be gasohol, but the data imply that the oxygenated gasoline stocks were drawn down after the season rather than carrying stocks over to the next season. Then in August, production from PAD District 1 and receipts from other PAD Districts were used to begin to rebuild stocks for the coming season.

Figure FE5. Refinery Oxygenated Gasoline Production

Source: "Petroleum Supply Monthly," various issues, Tables 6, 14, and 22.

Figure FE6. PAD District 1 Oxygenated Gasoline Supply

Source: "Weekly Petroleum Status Report," various issues, Table B3, and "Petroleum Supply Monthly," various issues, Table 33.

Figure FE7. U.S. Gulf Coast MTBE Spot Prices

Source: "Octane Week," various issues, April 1993 through 1994, 'Price Report' tables.

Figure FE8. PAD District 1 Unleaded Gasoline Prices

Source: Energy Information Administration, "Daily Price Report," various issues.

Pricing of Oxygenates

In the first two oxygenated gasoline seasons, very little oxygenated gasoline made for nonattainment areas "spilled over" into attainment areas. One industry analyst referred to the refiners' almost "surgical ability" to separate the volume flow of oxygenated gasoline to nonattainment from the conventional gasolines going to attainment areas.⁴ But the end-of-season cutoff of MTBE use and oxygenated gasoline production was much less sharp. That, however, may have had more to do with MTBE market prices than the refiners' ability to regulate their production and distribution of oxygenated gasoline.

MTBE spot prices since the beginning of last April are plotted in Figure FE7. During this period, MTBE prices were primarily determined by MTBE's value as a high octane blending component. The value of gasoline blending components moves up and down with the price of gasoline, which in turn moves with the price of crude. Crude prices fell in June 1993, rebounded in August and September, and then fell through October to December. As can be seen in Figure FE7, MTBE prices followed a similar pattern.

Price of Oxygenated Gasoline

EIA surveys the price of gasoline at retail gasoline outlets. To gauge the impact of meeting oxygenated gasoline standards, the relative prices of stations in PAD District 1 areas that must meet winter oxygenated gasoline requirements are compared with stations in PAD District 1 attainment areas. The price differential for PAD District 1, average price for nonattainment area stations minus average price for attainment area stations, is shown in Figure FE8. The plot of Figure FE8 shows that in August and September, before the compliance season began, average prices at stations in the nonattainment areas were about 1.5 cents per gallon under those in the attainment areas of PAD District 1. But in November, December, and January, when the oxygenated

gasolines were being sold in the nonattainment areas, the prices exceeded the prices in the attainment areas by 2.5 cents per gallon. The impact on retail gasoline prices in PAD District 1 was a net increase of about 4.0 cents per gallon for oxygenated versus conventional gasoline during this past oxygenated fuel season. In other words, with crude prices dropping, 4-cent-per-gallon higher oxygenated gasoline offset some of the price decline seen in nonattainment areas.

Oxygenate Production Capacity

United States MTBE production capacity reached 220,000 barrels per day as of January 1, 1994.⁵ Future growth in MTBE capacity may be slower than previously expected, because MTBE prices have been weaker than expected the past 2 years. A number of proposed oxygenate facilities have been canceled. Capacity additions in 1994 will be less than in 1993. It is still difficult to say what represents a high capacity utilization for MTBE and other oxygenate production facilities.

The Gasoline Market in the Future

Later this year, EIA will publish a report that will focus on gasoline production in 1995 considering the requirement of refiners to produce reformulated gasoline. The first hurdle posed by the 1990 CAAA for gasoline products, the 1992/93 and 1993/94 oxygenated gasoline seasons, was passed with relative ease. Reformulated gasoline production represents another significant change for refiners. In 1995, gasoline meeting oxygen content requirements as well as other specifications must be provided to many areas on a year-round basis.

In this future report, the major changes occurring in gasoline supply and demand, the adequacy of oxygenated supplies, and the potential cost and price impact on refiners and consumers will be analyzed.

⁴ *Oxy-Fuel News*, "Gasoline Prices Stable in Heavy-Use MTBE Areas," March 15, 1993, pp. 9-10.

⁵ Energy Information Administration, *Petroleum Supply Annual*, DOE/EIA-0340(93)/2, 1994.

Highlights

Highlights

World crude oil prices swung upward through most of March 1994, after reaching 5-year lows in mid-February. With little change in global supply fundamentals during the month, trading centered on anticipation of the March 25 meeting of the Organization of Petroleum Exporting Countries (OPEC), at which the group's production ceiling for the second quarter would be determined. Despite speculation regarding a possible agreement to reduce output, OPEC rolled over its existing ceiling for the remainder of 1994. Market reaction was initially negative, but prices quickly recovered to continue their upward trend.

In the United States, crude oil prices followed international trends, ending the month very close to where they began. Gasoline prices closely paralleled crude oil, while distillate prices declined sharply with the end of

winter weather, bringing the two much closer together than in February. Residual fuel prices continued to ease, while propane was relatively stable. Gasoline and aviation fuel sales volumes rose, while all other products decreased, resulting in a 1.7-percent drop from February in total refiner sales of the major petroleum products.

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

Crude Oil

The daily spot price of West Texas Intermediate (WTI) crude oil at Cushing, Oklahoma, rose gradually through

Figure HL1. Crude Oil and Petroleum Product Wholesale Prices

Sources: Energy Information Administration. Crude oil refiner acquisition cost: Form EIA-14, "Refiners' Monthly Cost Report"; petroleum product prices: Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 1. Refiner Prices and Volumes of Petroleum Products
Crude, Condensate, Gasoline, Fuel Oil, Kerosene, Jet Fuel, Naphtha, Bitumen, Other
Prices: Cents per Gallon (Including Taxes); Volumes: Million Gallons per Day

Product	March 1994						February 1994					
	Price		Volume		Price		Volume		Price		Volume	
	Spot	Wholesale	Spot	Wholesale	Spot	Wholesale	Spot	Wholesale	Spot	Wholesale	Spot	Wholesale
Crude oil, all types	59.3	55.1	27.8	54.5	76.7	59.8	54.3	55.7	54.8	55.5	55.5	55.5
Condensate	59.4	55.7	55.3	52.2	—	—	54.3	55.3	55.5	55.5	55.5	55.5
Gasoline, all types	71.5	62.4	51.1	65.9	—	—	51.3	57.8	61.1	65.3	—	—
Regular	71.1	62.0	70.3	7.1	—	—	50.9	57.3	60.7	64.9	—	—
Premium	71.8	62.7	70.7	8.2	—	—	51.3	58.0	61.1	65.3	—	—
Ultra-low sulfur	72.7	63.4	72.2	11.8	—	—	52.3	58.3	61.7	65.7	—	—
Other	70.0	61.5	67.7	8.1	—	—	50.3	57.7	60.4	64.6	—	—
Fuel oil, all types	73.8	63.8	77.4	1.8	—	—	65.3	7.2	65.7	6.9	—	—
No. 1	68.7	1.8	67.8	2.3	—	—	70.8	6.8	70.8	13.1	—	—
No. 2	—	—	—	—	—	—	—	—	—	—	—	—
No. 4	—	—	—	—	—	—	—	—	—	—	—	—
No. 6	—	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—	—	—	—	—	—
Kerosene	68.0	0.2	68.4	0.2	68.4	0.3	67.4	0.6	67.8	0.9	67.4	0.8
Jet fuel	61.8	43.3	68.7	41.2	60.8	40.8	63.4	7.0	65.0	7.9	60.3	6.8
Naphtha	54.3	2.2	57.1	3.2	78.4	4.4	31.8	26.8	54.0	32.3	58.2	36.5
Bitumen	78.3	0.3	84.1	0.8	83.2	0.2	59.7	2.7	73.5	4.6	68.4	3.3
Other	64.0	0.5	67.5	0.5	69.2	0.6	61.3	1.2	63.7	0.7	67.4	0.8
Crude oil, all types	55.8	26.5	55.8	25.8	63.3	24.5	51.8	108.4	53.3	112.1	58.5	107.1
Condensate	60.3	3.1	63.9	4.1	65.2	3.4	49.7	38.8	54.1	47.3	59.8	50.0
Gasoline, all types	54.3	22.8	55.4	21.5	62.9	21.1	52.9	70.8	52.8	64.8	60.0	51.1
Regular	57.9	12.7	58.1	12.3	—	—	53.8	54.8	53.8	46.4	—	—
Premium	51.0	9.8	51.8	9.2	—	—	49.8	18.2	51.1	15.8	—	—
Fuel oil, all types	50.8	1.1	55.4	1.4	54.5	0.8	48.7	0.8	52.9	0.3	53.5	0.3
Jet fuel	33.3	14.2	36.8	15.4	35.6	19.4	27.7	14.3	34.2	18.4	32.9	19.2
Naphtha	47.8	3.2	44.8	6.9	42.6	7.0	30.8	7.5	39.3	9.8	39.8	8.2
Other	29.5	18.0	51.3	9.1	31.8	12.4	24.3	8.8	25.8	5.8	27.8	7.0

Notes: (1) = All data reported.
 (2) = No. 4 fuel oil and No. 4 diesel fuel.
 (3) = Gasoline averages and retail prior to October 1993 include leaded gasoline.
 (4) = Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the Petroleum Marketing Monthly.
 Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

the first 3 weeks of March, reaching a high of \$15.37 per barrel on March 21. Following the OPEC meeting, WTI fell to \$14.15 per barrel on March 28, but recovered to end the month at \$14.78, 28 cents above the end of February. The average domestic crude oil first purchase price rose 8 cents (0.7 percent) to \$10.81 per barrel.

The average free-on-board (f.o.b.) cost of imported crude oil purchased in March rose 7 cents (0.6 percent) to \$12.04 per barrel. The average landed cost of foreign crude oil increased 5 cents (0.4 percent) to \$12.66 per barrel.

In March, the average refiner acquisition costs of domestic and imported crude oils were \$13.14 and \$13.18 per barrel, respectively. The composite refiner acquisition cost of crude oil in the United States rose 9 cents (0.7 percent) from February, to \$13.16 per barrel.

Petroleum Products

Motor Gasoline

The spot price for unleaded regular gasoline at New York Harbor closely tracked crude oil price movements throughout March. Prices during the month ranged from a low of 42.0 cents per gallon on March 7 to 45.7 cents on March 22. After a brief drop on March 28, the unleaded spot price finished the month at 43.6 cents per gallon, down 0.3 cent from the end of February.

Average refiner prices for motor gasoline in March dropped 0.3 cent to 67.3 cents per gallon for retail sales, and rose 0.3 cent to 54.9 cents per gallon for wholesale. Including data reported by the sample of motor gasoline marketers, national average retail prices decreased 0.3 cents to 66.7 cents per gallon at company-operated retail outlets, while average wholesale prices increased 0.4

cent to 55.2 cents per gallon. Average dealer tank wagon (DTW) prices rose 0.1 cent to 61.4 cents per gallon, while rack prices for motor gasoline averaged 52.3 cents per gallon, up 0.5 cent from February. Average prices for bulk sales increased 0.8 cent to 46.3 cents per gallon. Oxygenated gasoline prices averaged 8.8 cents higher than conventional grades for retail sales, and 8.0 cents higher for wholesale.

Total refiner sales of finished motor gasoline in March increased 8.6 million gallons per day (2.7 percent) from February levels, to 322.1 million gallons per day. Retail sales rose .1 million gallons per day (2.0 percent) to 55.1 million gallons, and wholesale sales dropped 7.5 million gallons per day (2.9 percent) to 267.0 million gallons. Rack sales made up 59.9 percent of refiner wholesale gasoline volumes in March, while DTW and bulk transactions were 31.7 and 8.9 percent, respectively. Sales of oxygenated gasoline were 6.7 percent of total motor gasoline sales, down from 19.2 percent in February, reflecting the end of the oxygenated gasoline season in most areas.

No. 2 Distillate

The New York Harbor daily spot price for No. 2 heating oil began March at its highest point and declined sharply in the first half of the month, reaching a low of 47.2 cents on March 14. Heating oil prices fluctuated for the remainder of March, ending at 48.4 cents, a drop of 3.1 cents from the month before.

Average retail prices for No. 2 distillate rose in most categories in March. The national average residential price fell 1.4 cents to 91.4 cents per gallon, while the average wholesale price decreased 2.1 cents to 52.6 cents per gallon. The average price of No. 2 diesel fuel fell 0.1 cent per gallon both at company-operated retail outlets and for wholesale sales. Low-sulfur diesel fuel prices averaged 5.9 cents per gallon above high-sulfur for retail sales, and 3.9 cents higher for wholesale.

Total refiner sales of No. 2 distillate dropped 2.8 million gallons per day (2.0 percent) to 134.9 million gallons per day. No. 2 fuel oil sales fell 9.7 million gallons per day (18.9 percent), and No. 2 diesel fuel sales rose 7.0 million gallons per day (8.1 percent). Low-sulfur diesel fuel made up 72.1 percent of diesel fuel and 49.9 percent of all refiner No. 2 distillate sales in March, up from 71.5 and 44.8 percent, respectively, in February.

Residual Fuel Oil

Residual fuel oil prices decreased in all categories for March. Refiner retail prices of low sulfur residual fell 3.0 cents to 41.8 cents per gallon, while high-sulfur prices dropped 1.8 cents to 29.5 cents per gallon. Residual fuel wholesale prices for sales by refiners dropped 8.5 cents to 30.8 cents per gallon for low sulfur product, and 1.5 cents to 24.3 cents per gallon for high sulfur. Including data reported by the sample of residual fuel oil marketers, average retail prices fell 3.2 cents per gallon for low-sulfur and rose 1.9 cents per gallon for high-sulfur. The average wholesale price per gallon decreased 4.7 cents for low-sulfur residual and 1.1 cents for high-sulfur.

Total refiner sales of residual fuel oil fell 2.3 million gallons per day (7.5 percent) to 28.5 million gallons per day. Low-sulfur residual fuel sales dropped 4.2 million gallons per day (126.4 percent), while high-sulfur rose 1.9 million gallons per day (12.8 percent).

Other Products

Prices for other petroleum products were mostly lower in March. Prices for refiner sales of propane fell 2.8 cents per gallon for end users and 2.2 cents per gallon at wholesale. Including the sample of propane marketers, residential propane prices rose 1.8 cents per gallon, the average end-user price fell 0.9 cents, while the average wholesale price dropped 2.2 cents. Refiner prices for kerosene-type jet fuel fell 3.9 cents and 3.6 cents for retail and wholesale sales, respectively. Aviation gasoline prices were slightly higher at retail and lower at wholesale levels, while kerosene, No. 1, and No. 4 distillate prices decreased in both categories.

Refiner sales volumes continued to fall seasonally for most heating-related products, and rose moderately for aviation fuels. Retail propane sales by refiners fell 1.0 million gallons per day, while wholesale volumes dropped 7.7 million gallons per day. Kerosene-type jet fuel sales rose 1.2 and fell 0.9 million gallons per day, respectively, for end-users and resale. Aviation gasoline sales volumes rose at both levels, while sales of kerosene and No. 1 and No. 4 distillates fell in both the retail and wholesale categories.

Summary Statistics

Table 1. Crude Oil Prices
(Dollars per Barrel)

Year Month	Domestic First Purchase Prices	Average F.O.B. ^a Cost of Crude Oil Imports ^b	Average Landed Cost of Crude Oil Imports ^b	Refiner Acquisition Cost of Crude Oil		
				Domestic	Imported	Composite
1978	9.00	13.29	14.35	10.61	14.57	12.46
1979	12.64	20.07	21.45	14.27	21.67	17.72
1980	21.59	32.37	33.67	24.23	33.89	28.07
1981	31.77	35.15	36.47	34.33	37.05	35.24
1982	28.52	32.02	33.18	31.22	33.55	31.87
1983	26.19	27.91	28.93	28.87	29.30	28.99
1984	25.88	27.00	28.54	28.53	28.88	28.63
1985	24.09	25.84	26.87	26.66	26.99	26.75
1986	12.51	12.52	13.49	14.82	14.00	14.55
1987	15.40	16.89	17.65	17.76	18.13	17.90
1988	12.58	13.25	14.08	14.74	14.56	14.67
1989	15.86	16.89	17.68	17.87	18.08	17.97
1990	20.03	20.47	21.13	22.59	21.76	22.22
1991	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	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	13.70	14.21	15.07	16.04	15.59	15.81
November	12.43	12.87	13.79	14.99	14.05	14.51
December	10.38	11.65	12.30	12.45	12.56	12.51
1993	14.20	14.75	15.73	16.66	16.14	16.41
1994						
January	10.51	12.10	12.70	12.72	12.93	12.82
February	10.73	11.97	12.61	13.24	12.90	13.07
March	10.81	12.04	12.66	13.14	13.18	13.16

^a Free on Board. See Glossary.

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

Notes: Values for Domestic First Purchase and Refiner Acquisition for the current month, and for Average F.O.B. 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 21. Crude oil imports costs -- See "Sources" from Table 24. Refiner acquisition costs -- Energy Information Administration, Form FEA-P110-M-1, "Refiners' Monthly Cost Allocation Report," January 1978 through June 1978; Form EIA-49, "Domestic Crude Oil Entitlements Program Refiners' Monthly Report," July 1978 through December 1980; Form EIA-14, "Refiners' Monthly Cost Report," January 1981 to present.

Figure 1. Crude Oil Prices

Sources: Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report"; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report"; and Form EIA-14, "Refiners' Monthly Cost Report."

Table 2. U.S. Refiner Prices of Petroleum Products to End Users
(Cents per Gallon Excluding Taxes)

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel ^a	Residual Fuel Oil
							No. 2 Diesel Fuel	No. 2 Fuel Oil	Average		
1978	48.4	51.6	38.7	33.5	42.1	41.0	37.7	40.0	39.6	31.1	29.8
1979	71.3	68.9	54.7	35.7	58.5	57.2	58.5	51.6	55.1	47.9	43.6
1980	103.5	108.4	86.8	48.2	90.2	83.4	81.8	78.8	80.4	68.2	60.7
1981	114.7	130.3	102.4	56.5	112.3	103.9	99.5	91.4	95.8	79.7	75.6
1982	106.0	131.2	96.3	59.2	108.9	102.3	94.2	90.5	92.5	75.0	67.6
1983	95.4	125.5	87.8	70.9	96.1	96.2	82.6	91.6	83.9	76.6	65.1
1984	90.7	123.4	84.2	73.7	103.6	92.7	82.3	91.6	83.7	79.6	68.7
1985	91.2	120.1	79.6	71.7	103.0	88.0	78.9	84.9	79.9	77.3	61.0
1986	62.4	101.1	52.9	74.5	79.0	62.0	47.8	56.0	49.1	48.9	34.3
1987	66.9	90.7	54.3	70.1	77.0	60.4	55.1	58.1	55.6	51.3	42.3
1988	67.3	89.1	51.3	71.4	73.8	56.4	50.0	54.4	50.7	46.1	33.4
1989	75.6	99.5	59.2	61.5	70.9	66.1	58.5	58.7	58.5	51.2	38.5
1990	88.3	112.0	76.6	74.5	92.3	81.9	72.5	73.4	72.6	62.2	44.4
1991	79.7	104.7	65.2	73.0	83.8	74.0	64.8	66.5	65.0	58.0	34.0
1992											
January	71.9	98.5	54.2	71.3	83.3	60.6	55.5	59.7	56.2	50.6	28.8
February	70.8	98.5	56.5	NA	78.3	63.1	57.1	62.0	57.7	49.6	27.7
March	71.6	98.0	55.5	66.4	80.2	63.2	56.8	61.4	57.4	51.8	27.7
April	75.2	99.1	57.3	70.3	78.3	65.3	59.2	60.6	59.4	49.7	29.6
May	80.8	102.4	61.0	62.5	73.3	67.4	62.1	60.9	62.0	51.7	33.4
June	84.5	106.4	63.9	54.5	68.7	69.3	64.9	62.9	64.7	52.5	34.5
July	83.5	106.8	64.9	52.3	70.5	68.9	64.5	62.8	64.3	51.9	36.7
August	82.3	105.8	64.2	55.8	69.0	68.2	63.4	62.3	63.3	55.3	38.8
September	82.3	104.9	64.6	60.3	70.5	73.2	65.3	65.6	65.3	55.2	37.5
October	81.3	104.3	66.4	59.9	67.2	75.1	67.8	68.2	67.8	57.9	39.2
November	81.5	103.4	62.7	61.1	83.3	72.0	64.5	64.3	64.5	56.3	39.4
December	78.5	101.3	58.9	68.4	84.0	66.6	60.8	63.6	61.2	53.7	36.2
1992	78.4	102.7	61.0	66.3	78.6	66.5	61.8	62.7	61.9	52.6	33.8
1993											
January	76.9	100.3	58.5	74.8	82.4	64.4	59.0	62.7	59.6	52.4	35.3
February	76.1	99.9	59.8	74.3	81.3	66.5	60.6	64.6	61.2	52.4	34.4
March	75.7	99.4	60.6	75.4	83.2	69.2	62.9	66.2	63.3	54.5	35.6
April	77.8	100.7	59.7	69.4	77.0	66.9	62.5	61.9	62.4	54.8	36.3
May	80.1	102.2	59.9	67.3	68.8	65.8	62.3	59.8	62.0	52.3	36.8
June	79.8	102.5	58.7	63.9	65.3	64.0	60.5	57.9	60.2	50.2	34.7
July	77.6	99.7	55.3	62.2	61.4	61.5	56.9	54.1	56.6	45.4	33.2
August	76.2	98.8	54.6	63.1	61.9	58.9	56.2	54.6	56.0	46.3	31.9
September	74.9	98.2	56.9	62.8	66.5	65.2	60.4	57.3	60.1	46.0	31.5
October	75.3	98.0	61.3	60.3	77.5	76.5	66.5	63.3	66.2	49.6	32.2
November	72.5	95.7	59.6	61.6	79.4	74.8	62.3	61.6	62.2	49.1	30.4
December	68.0	91.2	51.2	64.4	72.3	62.6	52.3	55.7	52.8	46.4	29.2
1993	75.9	99.0	57.9	67.4	75.5	66.5	60.2	60.2	60.2	50.2	33.7
1994											
January	66.7	88.6	51.6	54.9	79.5	61.8	52.6	59.6	53.9	49.5	32.5
February	67.6	88.4	55.7	57.1	84.1	67.5	55.4	63.9	56.8	55.4	36.9
March	67.3	89.0	51.8	54.3	78.3	64.0	54.9	60.8	55.6	50.9	33.2

NA = Not available.

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

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

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

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

Figure 2. U.S. Refiner Retail Petroleum Product Prices

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

Table 3. U.S. Refiner Volumes of Petroleum Products to End Users
(Million Gallons per Day)

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel ^a	Residual Fuel Oil
							No. 2 Diesel Fuel	No. 2 Fuel Oil	Total		
1983	51.1	0.4	30.8	3.1	0.2	0.5	23.3	3.7	27.0	0.7	28.3
1984	57.6	0.3	32.9	3.3	0.3	0.5	26.3	4.9	31.2	0.7	32.9
1985	57.5	0.3	34.6	3.7	0.3	0.5	25.0	5.0	29.9	0.5	25.2
1986	61.2	0.3	35.1	3.4	0.3	0.4	24.4	4.4	28.8	0.7	31.6
1987	61.0	0.2	36.8	3.8	0.3	0.4	24.1	4.5	28.5	0.8	29.0
1988	61.0	0.2	38.2	4.3	0.3	0.4	24.5	4.6	29.1	1.1	30.2
1989	61.2	0.2	40.1	2.8	0.3	0.5	24.3	4.5	28.8	0.9	30.4
1990	60.3	0.2	39.9	2.7	0.2	0.5	22.2	3.6	25.9	0.8	25.9
1991	61.2	0.2	38.5	3.1	0.2	0.5	21.1	3.2	24.4	0.7	24.0
1992											
January	56.4	0.2	36.8	4.7	0.3	0.9	20.7	4.1	24.8	1.0	28.4
February	58.3	0.2	37.9	4.5	0.3	0.7	20.6	3.4	23.9	0.8	27.9
March	59.6	0.2	38.5	3.8	0.2	0.5	21.9	3.3	25.2	0.8	26.2
April	60.0	0.2	39.3	2.7	0.1	0.3	22.4	3.2	25.6	0.5	22.8
May	59.6	0.2	39.1	2.1	0.1	0.2	21.3	2.8	24.1	0.4	19.5
June	60.4	0.2	41.3	2.7	0.1	0.2	22.1	2.9	25.0	0.2	21.5
July	60.4	0.2	42.0	3.2	0.1	0.3	22.0	2.8	24.8	0.5	21.0
August	59.1	0.2	42.1	3.1	0.1	0.2	21.6	2.6	24.2	0.3	18.9
September	58.6	0.2	41.3	3.4	0.2	0.3	22.4	2.7	25.1	0.4	20.0
October	59.0	0.2	40.3	4.3	0.2	0.4	22.0	3.0	25.1	0.5	19.7
November	56.9	0.2	40.1	5.4	0.2	0.6	20.6	2.8	23.3	0.5	20.7
December	59.3	0.2	38.9	5.9	0.3	0.9	20.7	3.6	24.3	0.9	22.2
1992	59.0	0.2	39.8	3.7	0.2	0.5	21.5	3.1	24.6	0.6	21.6
1993											
January	53.8	0.1	39.2	4.9	0.3	0.8	19.7	3.4	23.2	0.8	20.6
February	57.3	0.2	39.2	5.2	0.3	0.9	20.5	3.7	24.2	0.9	21.6
March	57.6	0.2	40.8	4.4	0.2	0.6	21.1	3.4	24.5	0.8	19.4
April	58.1	0.2	40.7	3.1	0.1	0.3	21.3	3.0	24.3	0.5	20.2
May	57.6	0.2	41.5	2.0	0.1	0.2	19.9	2.4	22.3	0.4	15.2
June	60.5	0.2	42.1	2.3	0.1	0.3	21.2	2.9	24.1	0.4	17.1
July	58.8	0.2	43.1	2.1	0.1	0.3	20.6	2.6	23.2	0.5	15.1
August	58.5	0.2	42.6	2.5	0.1	0.2	20.9	2.6	23.5	0.4	16.0
September	57.5	0.2	42.8	2.8	0.2	0.3	20.7	2.8	23.5	0.5	16.4
October	55.3	0.2	42.4	3.7	0.2	0.3	21.3	2.4	23.8	0.6	13.3
November	55.5	0.2	43.4	4.8	0.2	0.4	20.8	2.8	23.5	0.7	12.5
December	55.8	0.2	43.5	4.9	0.4	0.6	21.2	3.4	24.7	0.9	15.6
1993	57.2	0.2	41.8	3.5	0.2	0.4	20.8	2.9	23.7	0.6	16.9
1994											
January	51.2	0.2	40.6	3.6	0.6	0.8	19.7	4.7	24.4	1.4	16.8
February	54.0	0.2	41.2	3.2	0.6	0.8	21.5	4.1	25.6	1.4	15.4
March	55.1	0.2	43.3	2.2	0.3	0.5	22.5	3.1	25.5	1.1	14.2

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

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

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

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

Figure 3. U.S. Refiner Retail Petroleum Product Volumes

Percentages of Refiner Retail Volumes

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

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

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel ^a	Residual Fuel Oil
							No. 2 Diesel Fuel	No. 2 Fuel Oil	Average		
1978	43.4	53.7	38.6	23.7	40.4	40.6	36.5	36.9	36.7	30.5	26.3
1979	63.7	72.1	66.0	29.1	62.4	58.3	57.4	56.9	57.1	47.0	39.9
1980	94.1	112.8	86.8	41.5	86.4	88.0	80.1	80.3	80.2	67.0	52.8
1981	106.4	125.0	101.2	46.6	106.6	107.1	97.2	97.6	97.4	78.3	66.3
1982	97.3	122.8	95.3	42.7	101.8	103.8	91.4	91.4	91.4	73.7	61.2
1983	88.2	117.8	85.4	48.4	89.2	89.6	80.8	81.5	81.2	72.6	60.9
1984	83.2	116.5	83.0	45.0	91.6	89.2	80.3	82.1	81.3	70.7	65.4
1985	83.5	113.0	79.4	39.8	87.4	86.3	77.2	77.6	77.4	67.2	57.7
1986	53.1	91.2	49.5	29.0	60.6	57.9	45.2	46.6	47.0	40.9	30.5
1987	58.9	85.9	53.8	25.2	59.2	59.9	53.4	52.7	53.1	46.2	38.5
1988	57.7	85.0	49.5	24.0	54.9	54.9	47.3	47.3	47.3	42.5	30.0
1989	65.4	95.0	58.3	24.7	66.9	66.8	56.7	56.5	56.6	48.0	36.0
1990	78.6	106.3	77.3	38.6	83.9	83.8	69.4	69.7	69.5	59.0	41.3
1991	69.9	100.1	65.0	34.9	72.3	73.0	61.5	62.2	61.8	55.6	31.4
1992											
January	60.0	94.9	53.9	30.9	59.9	58.4	51.4	51.9	51.7	49.5	24.4
February	61.7	93.1	55.2	30.2	62.0	62.1	54.1	54.0	54.0	48.2	25.7
March	62.7	92.5	54.6	29.5	59.1	62.3	54.0	53.7	53.9	46.5	24.6
April	66.6	96.4	56.9	29.0	61.6	64.3	57.0	56.5	56.8	46.5	27.4
May	71.5	100.5	60.8	29.4	62.1	66.6	60.1	58.8	59.5	48.4	30.2
June	74.2	101.5	63.3	31.6	63.7	69.3	62.7	61.7	62.2	49.5	32.5
July	71.0	102.0	64.8	31.5	65.7	68.8	61.8	61.3	61.6	49.5	34.7
August	70.6	102.6	63.9	32.9	64.2	68.0	60.4	60.1	60.3	49.1	34.7
September	71.0	102.3	64.3	35.4	68.8	71.4	63.3	62.7	63.0	50.1	34.8
October	70.4	100.5	66.0	36.6	70.1	73.6	65.5	64.6	65.1	52.7	37.4
November	68.1	99.7	61.5	36.2	64.5	68.7	60.4	58.8	59.6	52.2	35.9
December	63.8	97.6	58.9	36.3	62.8	63.7	56.4	55.7	56.0	51.6	30.6
1992	67.7	99.1	60.4	32.8	63.2	65.1	59.0	57.9	58.5	49.5	30.7
1993											
January	63.8	96.9	57.7	40.2	61.4	63.2	54.9	54.4	54.6	50.3	31.2
February	63.8	96.5	60.5	36.7	63.7	65.7	57.4	56.9	57.1	49.3	31.1
March	65.2	97.4	60.3	38.2	65.4	67.4	60.0	59.0	59.5	53.8	32.9
April	67.7	97.7	59.9	36.2	60.8	65.4	59.9	57.5	58.7	52.4	33.6
May	69.2	99.4	60.1	34.0	58.3	66.5	59.6	56.9	58.4	51.3	31.0
June	66.2	99.1	58.4	33.8	56.9	63.0	57.2	54.9	56.2	46.9	30.0
July	62.7	97.9	55.1	33.3	53.6	59.0	53.1	51.0	52.2	45.4	27.4
August	62.9	96.9	55.2	33.4	55.6	57.9	53.2	51.0	52.2	46.7	26.9
September	61.5	96.3	56.8	34.1	58.8	66.1	58.8	54.8	57.3	47.5	26.8
October	61.5	95.0	57.8	34.6	65.5	75.7	65.9	58.1	63.7	45.2	28.4
November	56.8	92.7	58.7	33.6	62.4	69.8	59.0	53.1	57.1	45.2	25.7
December	50.2	87.4	51.0	30.9	53.6	56.7	46.8	45.1	46.1	43.4	23.8
1993	62.5	96.5	57.5	35.0	60.4	64.6	57.1	54.5	55.9	48.8	29.1
1994											
January	52.1	87.1	52.6	32.3	65.7	59.0	49.1	50.8	49.8	46.3	28.7
February	54.6	87.8	56.0	34.0	73.5	63.7	52.8	54.1	53.3	52.9	34.2
March	54.9	87.4	52.4	31.8	59.7	61.3	52.9	49.7	51.8	48.7	27.7

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

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

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

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

Figure 4. U.S. Refiner Wholesale Petroleum Product Prices

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

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

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel ^a	Residual Fuel Oil
							No. 2 Diesel Fuel	No. 2 Fuel Oil	Total		
1983	242.5	0.7	5.4	26.0	2.5	2.4	38.1	47.3	85.5	0.9	20.2
1984	246.3	0.8	6.6	26.7	2.2	2.6	42.8	51.4	94.2	1.7	21.3
1985	256.9	0.7	7.6	29.2	2.4	2.7	43.3	53.9	97.3	1.2	19.9
1986	257.2	0.7	9.2	26.3	2.4	2.5	46.4	53.8	100.3	1.2	18.6
1987	257.2	0.8	10.1	27.0	2.3	2.0	44.3	49.3	93.6	1.5	16.9
1988	263.7	0.7	10.0	27.7	2.7	2.6	47.8	50.1	97.9	1.2	18.9
1989	260.7	0.7	8.6	25.9	2.7	2.7	50.7	46.7	97.5	1.2	21.0
1990	264.8	0.7	8.8	25.5	2.2	2.4	51.9	45.9	97.8	0.8	17.9
1991	261.3	0.7	8.7	25.4	2.1	2.4	51.5	46.9	98.3	0.4	17.8
1992											
January	249.5	0.5	7.4	33.9	4.6	4.6	47.9	61.7	109.6	0.8	16.8
February	252.8	0.5	8.7	28.4	3.4	3.0	45.7	56.4	102.1	0.7	13.6
March	259.5	0.7	7.6	24.1	2.4	1.7	49.4	50.4	99.8	0.7	16.7
April	271.5	0.6	7.7	21.6	1.2	0.9	53.4	47.4	100.9	0.4	17.9
May	269.5	0.8	7.2	19.6	0.8	0.6	50.8	39.5	90.3	0.3	17.1
June	271.7	0.8	8.5	20.7	0.9	0.6	50.4	41.9	92.4	0.1	16.2
July	272.8	0.9	7.9	22.9	0.6	0.7	52.7	37.6	90.3	0.2	15.6
August	265.8	0.8	7.7	24.2	1.1	1.1	50.8	39.2	90.0	0.2	12.6
September	268.3	0.7	7.9	25.6	1.8	1.9	52.6	52.8	105.4	0.2	14.3
October	266.6	0.6	9.1	27.4	2.6	2.4	55.8	45.5	101.3	0.5	13.1
November	260.9	0.5	8.7	33.4	2.9	4.0	48.9	50.8	99.6	0.5	14.3
December	275.8	0.4	8.2	37.9	4.2	6.0	50.8	63.6	114.4	0.8	14.0
1992	265.7	0.7	8.0	26.7	2.3	2.3	51.0	49.1	100.1	0.4	16.0
1993											
January	245.4	0.4	9.2	34.2	3.8	5.3	47.3	54.2	101.5	0.6	10.1
February	260.3	0.5	7.5	35.1	4.3	4.5	48.9	57.1	105.9	0.7	14.2
March	263.0	0.6	8.6	30.3	3.3	2.5	51.1	56.0	107.1	0.8	13.2
April	268.6	0.6	7.4	21.8	1.3	0.9	51.9	47.1	99.0	0.4	12.1
May	264.0	0.7	7.2	19.0	0.9	0.6	50.7	40.1	90.8	0.2	13.8
June	276.3	0.8	7.2	23.3	0.8	0.7	52.4	42.3	94.6	0.2	11.2
July	277.0	0.8	7.7	21.5	0.8	0.6	53.3	39.5	92.8	0.1	10.6
August	274.3	0.8	8.0	24.9	1.1	1.0	56.1	43.1	99.2	0.1	10.9
September	267.3	0.7	8.0	27.3	1.9	1.4	61.7	39.5	101.3	0.1	12.5
October	268.0	0.6	8.4	29.6	2.2	1.7	73.2	29.5	102.7	0.4	14.2
November	272.9	0.5	9.6	32.3	3.2	3.9	71.4	32.8	104.2	0.4	12.1
December	281.2	0.5	9.7	34.5	4.7	4.5	77.9	45.8	123.7	0.6	12.4
1993	268.2	0.6	8.2	27.8	2.3	2.3	58.0	43.8	101.9	0.4	12.3
1994											
January	252.3	0.4	8.2	39.9	6.8	5.1	63.0	46.6	109.5	0.9	12.0
February	259.5	0.5	7.9	33.5	4.9	3.7	64.8	47.3	112.1	0.9	15.4
March	267.0	0.6	7.0	25.8	2.7	1.2	70.8	38.6	109.4	0.6	14.3

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

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

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

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

Figure 5. U.S. Refiner Wholesale Petroleum Product Volumes

Percentages of Refiner Wholesale Volumes

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

Table 6. U.S. Refiner Motor Gasoline Prices by Grade and Sales Type
(Cents per Gallon Excluding Taxes)

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1983	96.0	97.0	-	-	-	89.5	-	-	-	-	-	-
1984	92.2	91.4	-	-	-	84.2	-	-	-	-	-	-
1985	92.5	91.7	-	-	-	84.3	-	-	-	-	-	-
1986	82.4	81.8	-	-	-	52.2	-	-	-	-	-	-
1987	65.9	65.0	-	-	-	56.9	-	-	-	-	-	-
1988	64.9	64.1	-	-	-	54.8	-	-	-	-	-	-
1989	72.0	71.4	-	-	-	61.8	79.6	79.3	-	-	-	68.6
1990	85.3	84.9	-	-	-	75.8	92.3	92.1	-	-	-	81.4
1991	76.4	76.1	-	-	-	67.2	84.7	84.3	-	-	-	73.3
1992												
January	67.6	67.1	-	-	-	56.5	76.8	76.2	-	-	-	63.7
February	66.4	66.1	-	-	-	58.5	75.4	74.8	-	-	-	65.0
March	67.2	66.9	-	-	-	59.7	76.1	75.6	-	-	-	65.2
April	70.9	70.6	-	-	-	63.7	79.6	79.2	-	-	-	68.8
May	76.7	76.4	-	-	-	68.5	85.0	84.7	-	-	-	73.8
June	80.7	80.3	-	-	-	71.2	88.7	88.3	-	-	-	76.7
July	79.4	79.0	-	-	-	67.7	87.7	87.3	-	-	-	73.7
August	78.2	77.8	-	-	-	67.3	86.6	86.2	-	-	-	73.3
September	78.3	78.0	-	-	-	67.8	86.8	86.4	-	-	-	74.0
October	77.3	76.9	-	-	-	67.1	85.5	85.1	-	-	-	73.4
November	77.4	76.9	-	-	-	64.4	85.7	85.3	-	-	-	72.2
December	74.3	73.8	-	-	-	60.0	82.9	82.4	-	-	-	68.2
1992	74.5	74.3	-	-	-	64.4	82.6	82.7	-	-	-	70.7
1993												
January	72.6	72.1	-	-	-	60.2	81.6	81.1	-	-	-	68.1
February	71.9	71.5	-	-	-	60.4	80.8	80.3	-	-	-	67.5
March	71.5	71.1	-	-	-	62.0	80.7	80.2	-	-	-	68.7
April	73.5	73.2	-	-	-	64.6	82.9	82.5	-	-	-	70.8
May	75.8	75.5	-	-	-	66.1	84.9	84.6	-	-	-	72.3
June	75.6	75.2	-	-	-	62.9	84.6	84.2	-	-	-	69.7
July	73.2	72.7	-	-	-	59.3	82.4	81.9	-	-	-	66.1
August	71.7	71.3	-	-	-	59.6	81.1	80.6	-	-	-	66.1
September	70.4	69.9	-	-	-	58.1	79.7	79.2	-	-	-	64.3
October	71.0	70.4	66.3	56.5	51.6	58.4	80.3	79.7	70.6	58.5	NA	64.1
November	68.3	67.7	63.2	50.8	46.3	53.5	77.4	76.7	68.5	54.0	NA	60.5
December	63.6	62.9	58.3	43.0	40.6	46.5	73.0	72.3	63.9	46.9	NA	54.7
1993	71.7	71.2	-	-	-	59.3	80.8	80.3	-	-	-	66.0
1994												
January	62.2	61.6	57.2	46.5	42.1	48.6	71.5	70.9	62.8	50.5	NA	56.3
February	63.3	62.7	58.3	49.5	45.2	51.3	72.6	72.0	64.0	53.6	NA	58.3
March	62.8	62.3	58.0	50.0	46.2	51.6	72.3	71.7	63.5	54.0	NA	58.3

See footnotes at end of table.

Table 6. U.S. Refiner Motor Gasoline Prices by Grade and Sales Type
(Cents per Gallon Excluding Taxes) — Continued

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1983	108.0	105.7	-	-	-	98.4	98.4	95.4	-	-	-	88.2
1984	102.1	101.5	-	-	-	91.8	91.4	90.7	-	-	-	83.2
1985	103.0	102.3	-	-	-	92.2	92.1	91.2	-	-	-	83.5
1986	74.8	73.7	-	-	-	61.0	63.2	62.4	-	-	-	53.1
1987	79.0	78.4	-	-	-	67.1	67.8	66.9	-	-	-	58.9
1988	79.4	78.8	-	-	-	67.2	68.1	67.3	-	-	-	57.7
1989	87.4	86.8	-	-	-	74.9	76.3	75.6	-	-	-	65.4
1990	99.0	98.5	-	-	-	87.4	88.8	88.3	-	-	-	78.6
1991	91.2	90.7	-	-	-	79.2	80.0	79.7	-	-	-	69.9
1992												
January	85.5	84.8	-	-	-	70.2	72.5	71.9	-	-	-	60.0
February	84.5	83.9	-	-	-	71.6	71.3	70.8	-	-	-	61.7
March	85.0	84.5	-	-	-	71.9	72.0	71.6	-	-	-	62.7
April	88.3	87.8	-	-	-	75.4	75.6	75.2	-	-	-	66.8
May	93.7	93.2	-	-	-	80.6	81.2	80.8	-	-	-	71.5
June	97.5	96.9	-	-	-	83.3	85.0	84.5	-	-	-	74.2
July	96.8	96.1	-	-	-	80.6	84.0	83.5	-	-	-	71.0
August	95.9	95.3	-	-	-	80.3	82.8	82.3	-	-	-	70.6
September	95.8	95.2	-	-	-	80.9	82.8	82.3	-	-	-	71.0
October	94.7	94.1	-	-	-	80.2	81.8	81.3	-	-	-	70.4
November	95.2	94.5	-	-	-	78.9	82.0	81.5	-	-	-	68.1
December	92.5	91.8	-	-	-	74.4	79.0	78.5	-	-	-	63.8
1992	91.3	91.4	-	-	-	77.3	78.9	78.4	-	-	-	67.7
1993												
January	90.6	89.9	-	-	-	74.2	77.4	76.9	-	-	-	63.8
February	88.6	88.0	-	-	-	73.3	76.6	76.1	-	-	-	63.8
March	88.3	87.7	-	-	-	74.8	76.2	75.7	-	-	-	65.2
April	91.7	91.0	-	-	-	76.7	78.3	77.8	-	-	-	67.7
May	93.7	93.0	-	-	-	78.4	80.5	80.1	-	-	-	69.2
June	93.4	92.8	-	-	-	78.0	80.2	79.8	-	-	-	66.2
July	91.2	90.5	-	-	-	72.5	78.1	77.6	-	-	-	62.7
August	90.2	89.5	-	-	-	72.4	76.8	76.2	-	-	-	62.9
September	89.2	88.4	-	-	-	70.9	75.5	74.9	-	-	-	61.5
October	89.6	88.7	80.5	64.9	56.5	71.0	75.9	75.3	70.8	58.1	52.2	61.5
November	86.4	85.6	77.7	59.8	50.2	66.3	73.2	72.5	68.0	52.6	47.1	56.8
December	82.3	81.4	73.2	52.3	44.1	60.2	68.8	68.0	63.3	45.0	41.2	50.2
1993	89.6	88.9	-	-	-	72.1	76.5	75.9	-	-	-	62.5
1994												
January	80.8	80.0	71.4	55.8	47.4	61.6	67.4	66.7	62.1	48.5	42.9	52.1
February	79.4	78.8	72.3	58.7	49.9	63.6	68.2	67.6	63.0	51.6	45.9	54.6
March	81.4	80.7	71.9	59.3	50.7	64.1	67.9	67.3	62.7	52.1	46.8	54.9

Dash (-) = No data reported.

NA = Not available.

^a Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

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

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

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

Table 7. U.S. Refiner Motor Gasoline Volumes by Grade and Sales Type
(Million Gallons per Day)

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
1983	20.0	23.5	-	-	-	98.3	-	-	-	-	-	-
1984	24.3	27.8	-	-	-	106.8	-	-	-	-	-	-
1985	26.2	29.9	-	-	-	119.7	-	-	-	-	-	-
1986	30.9	34.7	-	-	-	127.0	-	-	-	-	-	-
1987	32.7	36.1	-	-	-	141.9	-	-	-	-	-	-
1988	34.2	37.3	-	-	-	153.6	-	-	-	-	-	-
1989	34.3	38.8	-	-	-	155.7	4.9	5.1	-	-	-	16.4
1990	36.7	38.8	-	-	-	174.5	7.4	7.6	-	-	-	23.1
1991	38.4	40.4	-	-	-	180.9	7.9	8.2	-	-	-	23.7
1992												
January	34.4	36.2	-	-	-	170.2	8.4	8.7	-	-	-	25.9
February	35.5	37.4	-	-	-	172.8	8.7	9.1	-	-	-	26.3
March	36.3	38.3	-	-	-	177.8	8.9	9.3	-	-	-	26.8
April	36.7	38.7	-	-	-	185.6	9.0	9.3	-	-	-	27.7
May	36.8	38.7	-	-	-	184.9	8.9	9.2	-	-	-	27.4
June	37.8	39.6	-	-	-	186.6	9.0	9.2	-	-	-	28.1
July	37.5	39.4	-	-	-	186.8	9.1	9.4	-	-	-	28.6
August	37.1	38.8	-	-	-	182.1	8.9	9.2	-	-	-	28.0
September	37.0	38.7	-	-	-	187.2	8.7	9.0	-	-	-	27.4
October	37.0	38.7	-	-	-	182.8	8.9	9.2	-	-	-	28.0
November	35.6	37.2	-	-	-	179.9	8.6	8.9	-	-	-	27.0
December	36.9	38.5	-	-	-	189.5	9.1	9.3	-	-	-	28.7
1992	36.6	38.4	-	-	-	182.5	8.8	9.2	-	-	-	27.5
1993												
January	33.4	34.9	-	-	-	169.1	8.3	8.5	-	-	-	25.5
February	35.1	36.8	-	-	-	178.6	8.7	9.0	-	-	-	26.9
March	35.4	37.2	-	-	-	182.3	8.7	9.0	-	-	-	27.2
April	36.3	38.1	-	-	-	184.7	8.8	9.1	-	-	-	28.0
May	35.9	37.6	-	-	-	181.7	8.8	9.1	-	-	-	27.5
June	37.8	39.5	-	-	-	190.8	9.2	9.5	-	-	-	28.4
July	36.3	37.8	-	-	-	189.3	9.2	9.4	-	-	-	29.2
August	35.9	37.5	-	-	-	186.6	9.1	9.4	-	-	-	28.7
September	35.3	36.9	-	-	-	181.5	8.9	9.2	-	-	-	28.2
October	34.4	36.1	47.7	115.8	23.3	186.8	8.7	9.0	13.2	14.9	0.2	28.3
November	34.4	36.0	47.6	121.1	20.3	189.0	8.6	8.9	12.8	15.0	0.5	28.4
December	34.4	36.1	48.3	122.0	24.4	194.7	8.6	8.9	13.1	15.6	0.0	28.7
1993	35.8	37.5	-	-	-	187.0	8.8	9.1	-	-	-	27.9
1994												
January	31.2	32.6	43.8	107.8	22.2	173.8	8.0	8.3	12.1	13.3	0.2	25.6
February	32.3	34.0	46.1	111.8	20.9	178.7	8.3	8.6	12.3	14.5	0.1	26.8
March	34.1	35.9	47.4	115.2	21.0	183.6	8.5	8.8	12.8	15.4	0.2	28.4

See footnotes at end of table.

Table 7. U.S. Refiner Motor Gasoline Volumes by Grade and Sales Type
(Million Gallons per Day) — Continued

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
1983	5.0	6.2	-	-	-	28.7	42.3	51.1	-	-	-	242.5
1984	8.5	9.2	-	-	-	33.7	50.3	57.6	-	-	-	246.3
1985	9.2	10.0	-	-	-	38.0	50.6	57.5	-	-	-	256.9
1986	9.0	9.8	-	-	-	45.1	54.2	61.2	-	-	-	257.2
1987	11.2	11.6	-	-	-	53.0	55.7	61.0	-	-	-	257.2
1988	13.8	14.6	-	-	-	62.4	56.7	61.0	-	-	-	263.7
1989	13.5	14.2	-	-	-	60.8	57.6	61.2	-	-	-	260.7
1990	11.2	11.7	-	-	-	53.7	57.4	60.3	-	-	-	264.8
1991	10.5	10.9	-	-	-	48.3	58.4	61.2	-	-	-	261.3
1992												
January	10.3	10.7	-	-	-	49.7	53.8	56.4	-	-	-	249.5
February	10.7	11.1	-	-	-	49.9	55.6	58.3	-	-	-	252.8
March	10.8	11.2	-	-	-	50.9	56.8	59.6	-	-	-	259.5
April	10.8	11.2	-	-	-	53.8	57.2	60.0	-	-	-	271.5
May	10.5	10.9	-	-	-	52.9	57.0	59.6	-	-	-	269.5
June	10.2	10.7	-	-	-	52.4	57.7	60.4	-	-	-	271.7
July	10.5	10.9	-	-	-	52.8	57.9	60.4	-	-	-	272.8
August	10.0	10.4	-	-	-	51.3	56.7	59.1	-	-	-	265.8
September	9.8	10.2	-	-	-	49.6	56.2	58.6	-	-	-	268.3
October	10.1	10.5	-	-	-	51.9	56.6	59.0	-	-	-	266.6
November	9.8	10.2	-	-	-	50.6	54.6	56.9	-	-	-	260.9
December	10.4	10.8	-	-	-	54.5	57.1	59.3	-	-	-	275.8
1992	10.4	10.7	-	-	-	51.8	56.5	59.0	-	-	-	265.7
1993												
January	9.6	9.9	-	-	-	48.1	51.8	53.8	-	-	-	245.4
February	10.6	10.9	-	-	-	51.8	55.0	57.3	-	-	-	260.3
March	10.5	10.9	-	-	-	50.4	55.2	57.6	-	-	-	263.0
April	10.0	10.4	-	-	-	52.6	55.7	58.1	-	-	-	268.6
May	9.9	10.3	-	-	-	51.6	55.2	57.6	-	-	-	264.0
June	10.5	10.9	-	-	-	53.7	58.1	60.5	-	-	-	276.3
July	10.7	11.0	-	-	-	55.2	56.7	58.8	-	-	-	277.0
August	10.6	11.0	-	-	-	55.5	56.2	58.5	-	-	-	274.3
September	10.4	10.8	-	-	-	54.3	55.1	57.5	-	-	-	267.3
October	9.7	10.1	22.4	27.1	3.4	52.8	52.8	55.3	83.3	157.8	26.9	268.0
November	10.2	10.5	22.7	28.3	4.5	55.5	53.2	55.5	83.2	164.4	25.3	272.9
December	10.5	10.9	23.6	29.8	4.4	57.8	53.5	55.8	85.0	167.5	28.8	281.2
1993	10.3	10.6	-	-	-	53.3	54.9	57.2	-	-	-	266.2
1994												
January	9.8	10.2	21.9	27.3	3.8	52.9	49.1	51.2	77.7	148.4	26.2	252.3
February	11.1	11.4	21.9	28.3	3.6	53.9	51.7	54.0	80.3	154.6	24.6	259.5
March	10.1	10.5	23.0	29.3	2.7	54.9	52.7	55.1	83.2	159.9	23.8	267.0

Dash (-) = No data reported.

^a Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

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

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

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

Table 8. U.S. Refiner Conventional Motor Gasoline Prices by Grade and Sales Type
(Cents per Gallon Excluding Taxes)

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1993												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	69.0	68.5	62.9	56.0	51.5	56.6	79.4	78.9	67.8	57.7	NA	61.6
November	65.3	64.7	59.2	50.2	46.2	51.1	75.2	74.6	65.3	53.2	NA	57.3
December	60.4	59.7	53.7	42.3	40.4	43.7	70.8	70.1	60.2	46.0	NA	50.9
1993	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	59.3	58.7	54.2	45.9	41.8	46.5	69.6	69.0	60.4	49.8	NA	53.7
February	61.7	61.1	57.0	49.2	45.0	50.0	71.5	70.9	62.9	53.3	NA	56.9
March	62.0	61.5	57.4	49.9	46.2	51.3	71.7	71.1	63.3	54.0	NA	58.0

See footnotes at end of table.

Table 8. U.S. Refiner Conventional Motor Gasoline Prices by Grade and Sales Type
(Cents per Gallon Excluding Taxes) — Continued

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1993												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	87.6	86.8	76.7	64.4	56.3	67.6	74.3	73.6	67.3	57.6	52.1	59.1
November	83.5	82.6	73.6	59.0	49.8	61.9	70.5	69.8	63.9	52.0	46.9	53.7
December	79.2	78.3	68.9	51.6	43.7	55.5	65.9	65.1	58.9	44.3	40.8	46.6
1993	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	78.0	77.2	68.5	55.2	46.9	58.1	64.9	64.3	59.3	47.9	42.5	49.5
February	77.3	76.7	70.8	58.3	49.3	61.3	66.8	66.2	61.7	51.2	45.6	52.9
March	80.3	79.5	71.4	59.2	50.6	63.3	67.0	66.4	61.9	52.0	46.7	54.3

Dash (-) = No data reported.

NA = Not available.

^a Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

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

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

Table 9. U.S. Refiner Conventional Motor Gasoline Volumes by Grade and Sales Type
(Million Gallons per Day)

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
1993												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	26.9	28.3	26.6	105.1	20.7	152.5	7.3	7.5	8.2	W	W	21.4
November	24.8	26.1	22.1	106.3	17.7	146.0	6.7	7.0	6.7	W	W	20.0
December	24.4	25.8	22.5	107.7	21.5	151.7	6.6	6.9	7.1	W	W	20.5
1993	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	22.0	23.2	20.3	95.8	20.2	136.4	6.2	6.4	6.6	W	W	18.0
February	24.5	25.9	25.6	103.3	19.8	148.7	6.9	7.1	8.0	W	W	21.3
March	30.8	32.4	41.9	112.6	20.4	175.0	7.9	8.2	11.6	W	W	26.8

See footnotes at end of table.

Table 9. U.S. Refiner Conventional Motor Gasoline Volumes by Grade and Sales Type
(Million Gallons per Day) — Continued

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
1993												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	7.8	8.1	12.2	W	W	39.2	41.9	43.9	47.0	142.5	23.6	213.0
November	7.5	7.8	10.0	W	W	38.1	39.0	40.8	38.8	143.4	21.8	204.1
December	7.6	8.0	10.6	W	W	40.1	38.7	40.6	40.2	147.1	25.1	212.3
1993	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	7.2	7.5	10.3	W	W	3 3	35.5	37.1	37.2	131.1	23.6	192.0
February	8.9	9.2	12.0	W	W	40.8	40.2	42.2	45.6	142.2	23.0	210.7
March	8.8	9.1	18.3	W	W	49.0	47.4	49.7	71.8	156.0	23.0	250.8

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^a Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

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

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

Table 10. U.S. Refiner Oxygenated Motor Gasoline Prices by Grade and Sales Type
(Cents per Gallon Excluding Taxes)

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1993												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	78.0	77.4	70.6	61.3	52.6	66.4	84.5	83.7	75.1	63.7	W	71.9
November	75.8	75.3	66.8	55.3	47.0	61.6	85.0	84.2	72.1	58.5	W	68.3
December	71.5	70.9	62.2	48.3	42.6	56.2	80.7	79.9	68.1	52.6	W	63.9
1993	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	69.0	68.4	59.9	50.8	45.3	56.2	78.0	77.3	65.7	54.7	W	62.7
February	68.2	67.7	59.9	53.2	48.7	57.6	78.1	77.4	65.9	56.8	W	63.7
March	70.6	70.0	62.3	54.2	46.9	58.9	80.6	79.9	65.7	57.1	W	63.8

See footnotes at end of table.

Table 10. U.S. Refiner Oxygenated Motor Gasoline Prices by Grade and Sales Type
(Cents per Gallon Excluding Taxes) — Continued

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1993												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	97.3	96.2	84.9	69.3	57.5	80.5	82.3	81.6	75.3	63.1	53.5	70.6
November	94.7	93.9	80.9	64.6	52.0	75.9	80.6	80.0	71.6	57.4	48.1	66.0
December	90.6	89.8	76.6	57.5	45.6	71.1	76.4	75.7	67.2	50.5	43.3	61.0
1993	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	88.4	87.8	73.9	60.0	50.6	70.2	74.0	73.3	64.7	53.0	46.4	60.6
February	88.0	87.3	74.0	61.9	53.1	70.8	73.2	72.7	64.7	55.4	50.1	61.9
March	89.4	88.7	74.0	61.6	52.2	70.9	76.4	75.7	67.5	56.4	48.6	63.8

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^a Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

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

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

Table 11. U.S. Refiner Oxygenated Motor Gasoline Volumes by Grade and Sales Type
(Million Gallons per Day)

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
1993												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	7.5	7.8	21.1	10.6	2.6	34.3	1.5	1.5	5.1	W	W	7.0
November	9.6	9.9	25.5	14.9	2.6	43.0	1.9	2.0	6.1	W	W	8.4
December	10.0	10.3	25.8	14.4	2.9	43.0	2.0	2.0	6.0	W	W	8.2
1993	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	9.1	9.5	23.4	12.0	2.0	37.4	1.8	1.9	5.5	W	W	7.5
February	7.8	8.1	20.5	8.5	1.1	30.1	1.4	1.5	4.2	W	W	5.6
March	3.4	3.5	5.5	2.6	0.5	8.7	0.6	0.6	1.2	W	W	1.6

See footnotes at end of table.

Table 11. U.S. Refiner Oxygenated Motor Gasoline Volumes by Grade and Sales Type
(Million Gallons per Day) — Continued

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
1993												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	1.9	2.0	10.2	W	W	13.7	10.9	11.3	36.4	15.3	3.3	54.9
November	2.7	2.8	12.7	W	W	17.5	14.2	14.7	44.4	21.0	3.5	68.9
December	2.8	2.9	13.0	W	W	17.8	14.8	15.2	44.8	20.4	3.7	68.9
1993	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	2.6	2.7	11.5	W	W	15.4	13.6	14.0	40.5	17.3	2.5	60.3
February	2.2	2.3	9.9	W	W	13.1	11.4	11.8	34.7	12.4	1.6	48.7
March	1.3	1.3	4.7	W	W	6.0	5.3	5.4	11.5	4.0	0.8	16.3

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^a Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

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

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

Table 12. U.S. Refiner Reformulated Motor Gasoline Prices by Grade and Sales Type
(Cents per Gallon Excluding Taxes)

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1993												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-	-	-	-
November	-	-	-	-	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	To be published when available.									-
1994												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 12. U.S. Refiner Reformulated Motor Gasoline Prices by Grade and Sales Type
(Cents per Gallon Excluding Taxes) — Continued

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1993												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-	-	-	-
November	-	-	-	-	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	To be published when available.									-
1994												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-

Dash (-) = No data reported.

^a Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

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

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

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

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
1993												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-	-	-	-
November	-	-	-	-	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	To be published when available.									-
1994												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
1993												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-	-	-	-
November	-	-	-	-	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	To be published when available.									-
1994												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-

Dash (-) = No data reported.

^a Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

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

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

Table 14. U.S. Propane (Consumer Grade) Prices by Sales Type
(Cents per Gallon Excluding Taxes)

Year Month	Sales to End Users							Sales for Resale
	Residential Consumers	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets	Petro- Chemical	Other End Users	Average	
1993								
January	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-
October	84.5	68.0	64.2	76.6	31.2	59.1	71.9	35.3
November	85.9	68.5	64.1	75.5	27.8	60.1	74.9	34.4
December	87.5	68.1	63.6	80.4	25.6	63.9	78.1	31.7
1993	-	-	-	-	-	-	-	-
1994								
January	88.0	69.5	62.8	82.0	26.6	65.5	79.8	33.2
February	90.3	73.1	66.2	74.8	28.7	68.2	81.6	35.4
March	92.1	76.7	68.2	73.6	28.8	67.3	81.8	33.3

Dash (-) = No data reported.

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

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

Table 15. U.S. No. 2 Distillate^a Prices by Sales Type
(Cents per Gallon Excluding Taxes)

Year Month	Sales to End Users						Sales for Resale
	Residential Consumers	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets ^b	Other End Users ^c	Average	
1993	107.8	86.3	88.3	94.3	89.7	93.3	81.8
1994	109.1	88.7	87.0	92.0	89.2	92.6	81.9
1995	105.3	82.1	83.4	88.6	85.3	89.0	78.1
1996	83.6	61.4	63.7	69.8	66.9	61.4	48.0
1997	80.3	56.6	59.7	64.4	63.1	64.3	53.5
1998	81.3	51.9	54.2	61.6	58.7	61.2	48.2
1999	90.0	60.8	63.8	68.6	66.7	69.5	57.2
1990	106.3	75.1	78.0	85.2	82.8	84.1	70.6
1991	101.9	67.5	69.7	74.5	73.8	76.0	62.7
1992							
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	78.2	77.5	76.1	65.5
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	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	67.9	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	88.6	67.7	72.9	78.3	77.2	75.1	63.4
November	88.4	63.8	68.5	75.1	72.3	72.9	57.4
December	86.7	55.6	60.0	66.1	62.5	67.5	47.3
1993	91.1	62.0	66.5	71.1	70.3	71.0	56.6
1994							
January	89.6	58.3	61.4	64.2	61.9	70.8	51.1
February	92.8	61.1	64.8	67.5	65.0	72.9	54.7
March	91.4	59.0	63.3	67.4	65.6	69.9	52.6

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

^b Includes low-sulfur diesel fuel only.

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

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

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

Table 16. U.S. No. 2 Diesel Fuel Prices by Sales Type
(Cents per Gallon Excluding Taxes)

Year Month	Sales to End Users					Sales for Resale
	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets ^a	Other End Users ^b	Average	
1993						
January	-	-	-	-	-	-
February	-	-	-	-	-	-
March	-	-	-	-	-	-
April	-	-	-	-	-	-
May	-	-	-	-	-	-
June	-	-	-	-	-	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	-	-	-	-	-	-
October	67.6	73.8	78.3	78.1	73.4	65.8
November	63.2	69.0	75.1	73.4	69.2	59.4
December	53.8	60.1	66.1	63.9	59.8	47.8
1993	-	-	-	-	-	-
1994						
January	55.1	61.0	64.2	63.7	60.1	50.2
February	58.0	64.3	67.5	65.5	62.8	53.9
March	57.1	63.5	67.4	66.2	62.4	53.8

Dash (-) = No data reported.

^a Includes low-sulfur diesel fuel only.

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

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

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

Table 17. U.S. No. 2 Diesel Fuel Prices by Sulfur Content and Sales Type
(Cents per Gallon Excluding Taxes)

Year Month	Low-Sulfur Diesel Fuel					High-Sulfur Diesel Fuel				
	Sales to End Users				Sales for Resale	Sales to End Users				Sales for Resale
	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets	Other End Users ^a		Commercial/ Institutional Consumers	Industrial Consumers	Other End Users ^a	Average	
1993	January	69.9	76.7	78.3	80.3	75.4	66.9	60.3	48.0	52.9
	February	-	-	-	-	-	-	-	-	-
	March	-	-	-	-	-	-	-	-	-
	April	-	-	-	-	-	-	-	-	-
	May	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-
	October	69.9	76.7	78.3	80.3	75.4	66.9	60.3	48.0	52.9
	November	64.7	71.9	75.1	74.6	71.0	60.8	65.6	58.1	64.3
	December	54.4	61.8	66.1	63.7	61.0	48.0	52.9	61.5	62.6
1994	January	56.3	62.6	64.2	63.8	61.1	50.7	53.3	59.2	63.8
	February	59.8	66.0	67.5	66.3	64.2	54.3	55.2	62.6	64.3
	March	59.3	65.4	67.4	67.1	64.2	54.6	53.6	61.5	64.9
	April	-	-	-	-	-	-	-	-	-
	May	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-
	January	-	-	-	-	-	-	-	-	-

^a Dash (-) = No data reported.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.
Sources: Energy Information Administration Forms EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers/Retailers' Monthly Petroleum Product Sales Report."

Table 18. Prices of No. 2 Distillate to Residences by PAD District and Selected States
(Cents per Gallon Excluding Taxes)

Year Month	U.S. Average	PAD District I								
		Average	CT	ME	MA	NH	RI	VT	DE	DC
1978	49.0	-	50.1	48.6	48.8	50.3	50.7	50.8	47.8	50.7
1979	70.4	-	72.0	68.8	70.9	72.5	72.8	72.5	68.2	74.2
1980	97.4	-	98.3	96.3	97.9	100.4	101.1	101.5	95.4	102.6
1981	119.4	-	121.7	120.4	121.3	123.7	123.8	125.4	117.3	127.4
1982	116.0	-	118.3	115.5	117.6	117.4	120.1	120.1	111.3	124.5
1983	107.8	109.0	109.1	102.8	109.1	104.1	110.5	112.9	106.0	117.0
1984	109.1	111.3	112.1	103.9	111.6	108.4	111.4	111.9	109.6	118.7
1985	105.3	106.6	106.0	99.7	107.0	102.4	106.7	107.7	104.6	114.3
1986	83.6	86.2	89.0	74.4	82.1	75.9	82.8	86.6	85.0	93.1
1987	80.3	81.4	83.4	74.7	80.6	76.5	82.5	81.1	79.3	91.8
1988	81.3	82.7	85.3	77.7	82.1	78.2	83.6	82.6	80.1	91.6
1989	90.0	91.7	92.9	89.4	92.6	89.3	93.9	90.5	88.2	98.6
1990	106.3	108.1	109.8	96.9	108.4	102.6	106.6	107.0	105.8	107.8
1991	101.9	104.1	106.2	96.0	103.0	91.6	99.9	101.9	99.7	112.2
1992										
January	94.2	96.1	96.4	87.7	93.2	88.1	90.7	92.4	94.4	107.3
February	94.2	96.0	95.5	88.2	92.5	86.5	91.7	92.8	92.7	107.3
March	93.2	94.6	94.0	86.4	91.5	83.3	90.9	92.2	92.4	105.3
April	92.5	93.9	93.3	85.5	91.4	81.8	90.4	91.7	91.5	104.8
May	92.3	93.4	93.1	85.5	91.0	81.7	90.9	91.5	90.2	102.3
June	92.0	93.2	91.8	87.1	91.3	82.9	89.7	90.7	91.4	102.7
July	90.4	91.6	93.1	87.7	90.4	82.3	89.9	89.1	90.6	102.0
August	88.6	89.8	90.5	87.8	89.6	81.8	89.4	89.4	89.5	101.9
September	90.1	91.2	91.8	86.8	90.7	83.0	89.8	91.6	90.3	101.2
October	93.7	94.9	94.9	89.3	93.5	87.6	92.7	92.0	93.7	104.0
November	94.8	96.3	95.8	88.3	93.8	87.6	92.5	92.6	92.8	105.7
December	94.5	95.9	95.2	85.7	93.5	87.7	91.5	92.9	90.9	105.4
1992	93.4	94.9	94.7	87.1	92.5	85.6	91.2	92.1	92.3	105.7
1993										
January	94.3	95.8	94.9	85.2	94.0	87.1	91.7	93.4	90.8	105.2
February	94.6	95.9	96.2	85.4	94.4	87.0	91.8	93.3	90.8	106.8
March	95.4	96.5	96.7	86.5	94.8	86.6	92.4	93.7	92.4	108.5
April	92.5	93.4	93.6	83.0	91.3	85.0	90.3	91.2	91.6	107.1
May	91.0	91.6	91.7	81.5	90.9	83.8	90.6	91.2	89.4	104.3
June	88.9	89.4	88.6	80.8	88.6	82.5	87.6	89.7	90.9	100.4
July	85.6	85.9	86.5	78.2	83.9	78.0	85.2	85.5	90.2	100.2
August	84.1	84.7	84.0	77.3	83.4	76.1	82.7	85.6	83.5	96.1
September	85.4	85.7	84.3	78.3	83.8	75.2	84.1	86.6	85.0	95.0
October	88.6	88.6	88.5	83.9	86.0	76.9	85.9	86.7	87.4	102.2
November	88.4	88.7	88.9	80.9	86.0	77.2	88.4	86.1	88.4	101.0
December	86.7	87.7	88.4	79.9	84.2	77.9	86.8	86.1	89.4	101.1
1993	91.1	92.2	92.0	82.7	89.8	83.1	89.5	90.3	90.1	104.7
1994										
January	89.6	91.0	90.2	83.7	88.5	80.4	87.5	88.3	92.1	102.6
February	92.8	94.5	93.8	90.4	91.0	86.6	91.7	91.6	91.5	105.5
March	91.4	92.7	92.0	85.9	89.1	83.6	90.0	90.9	91.1	102.0

See footnotes at end of table.

Table 18. Prices of No. 2 Distillate to Residences by PAD District and Selected States

(Cents per Gallon Excluding Taxes) — Continued

Year Month	PAD District I						PAD District II			
	MD	NJ	NY	PA	VA	WV	Average	IL	IN	MI
1978	49.2	49.6	50.1	48.8	49.1	46.2	—	46.5	48.5	47.9
1979	70.1	71.0	71.2	69.8	70.4	65.1	—	68.8	72.7	70.9
1980	97.9	97.9	98.2	96.4	98.5	92.2	—	95.8	99.6	97.8
1981	121.4	121.5	123.2	118.1	120.5	115.0	—	114.9	118.5	118.3
1982	117.1	117.4	120.5	113.7	117.7	109.3	—	110.9	114.3	113.9
1983	110.3	107.9	112.1	105.8	108.7	101.0	102.0	100.4	100.7	106.4
1984	113.5	111.0	115.5	107.9	110.5	102.1	101.7	100.1	103.1	105.0
1985	108.8	105.9	111.3	102.3	106.3	98.0	99.4	97.5	99.1	102.1
1986	91.4	90.2	91.1	81.4	86.6	74.6	72.7	NA	74.8	81.0
1987	86.6	84.3	85.2	76.9	79.5	76.4	74.8	79.8	75.4	77.5
1988	87.0	84.8	86.3	77.8	80.5	74.2	74.3	77.8	75.4	77.5
1989	93.8	91.8	95.8	85.1	87.0	83.0	81.9	80.9	83.2	85.3
1990	111.9	108.8	112.5	102.6	110.6	99.1	97.8	96.1	99.3	100.9
1991	108.4	104.0	111.3	99.7	101.1	93.4	90.8	92.7	91.8	94.2
1992	101.6	95.6	103.4	91.4	94.3	85.5	80.6	85.2	77.8	86.6
January	100.9	95.1	103.8	91.5	93.7	86.9	81.1	85.6	78.7	86.5
February	100.3	93.5	102.1	90.1	93.7	86.6	81.2	88.1	79.5	86.6
March	99.0	92.9	101.1	89.4	92.6	85.6	82.1	88.4	80.2	86.7
April	97.2	89.2	101.1	88.6	91.7	84.2	82.7	89.0	81.2	86.4
May	97.6	90.4	101.7	86.5	89.6	86.5	83.0	90.8	79.6	86.1
June	95.7	90.3	100.7	83.0	90.2	82.3	82.7	87.9	82.4	85.0
July	95.2	88.1	99.0	81.7	88.4	81.4	82.6	86.4	83.1	85.7
August	95.7	90.8	99.7	84.4	89.4	85.4	85.0	88.9	84.8	88.2
September	98.8	94.0	102.7	87.5	91.9	88.3	86.4	90.8	85.8	90.0
October	100.4	94.6	104.7	89.6	92.1	88.0	85.1	90.4	82.7	88.2
November	100.4	95.4	104.3	89.3	93.3	89.0	84.0	88.2	81.8	87.9
December	100.0	93.9	102.8	89.0	92.8	86.4	82.9	87.7	81.2	87.2
1992	100.5	96.5	104.3	89.0	92.4	88.3	83.3	87.2	81.8	88.3
January	101.3	96.7	104.2	89.1	93.5	88.6	84.0	88.2	82.3	87.6
February	101.7	96.2	104.2	89.8	94.2	89.9	85.4	90.0	83.1	90.1
March	99.2	95.1	100.1	89.0	90.3	86.9	85.6	NA	84.9	90.8
April	96.2	91.6	99.3	86.6	88.6	84.8	85.3	84.8	83.6	89.8
May	95.2	88.0	97.8	84.0	86.0	86.7	83.8	81.2	82.1	87.4
June	92.3	87.9	95.2	78.8	84.7	81.2	81.5	79.4	79.0	83.4
July	91.3	85.7	92.9	77.0	84.0	79.1	79.2	77.2	76.6	82.1
August	92.6	85.9	93.5	80.4	84.9	79.2	82.2	80.9	80.3	85.5
September	94.1	89.7	95.7	83.2	84.8	83.3	85.4	86.6	82.7	89.2
October	95.4	89.5	95.7	84.0	84.0	83.4	83.6	82.5	81.3	86.3
November	94.7	87.6	93.8	84.1	86.1	83.8	79.4	77.8	78.1	82.5
December	98.1	92.5	99.9	86.2	89.3	85.0	83.2	84.1	81.3	87.2
1993	98.4	91.7	97.3	87.7	88.6	86.3	80.3	77.6	79.1	85.6
January	99.2	96.0	100.9	92.6	88.6	86.4	82.0	81.6	81.9	88.0
February	96.4	94.6	99.6	90.4	86.6	85.1	81.5	77.4	80.7	87.8
March										

See footnotes at end of table.

Table 18. Prices of No. 2 Distillate to Residences by PAD District and Selected States

(Cents per Gallon Excluding Taxes) — Continued

Year Month	PAD District II			PAD District III Average	PAD District IV		PAD District V			
	MN	OH	WI		Average	ID	Average	AK	OR	WA
1978	47.8	47.4	44.7	—	—	43.6	—	53.2	45.8	48.6
1979	72.4	68.6	67.3	—	—	62.1	—	68.2	68.0	69.7
1980	99.9	91.9	91.5	—	—	91.6	—	97.8	87.3	100.8
1981	118.4	113.2	109.1	—	—	110.4	—	118.0	111.4	116.5
1982	115.1	110.2	107.8	—	—	110.4	—	117.4	111.6	117.6
1983	103.1	101.3	101.2	87.4	94.2	101.8	106.4	108.8	103.6	109.0
1984	104.1	102.1	101.0	97.9	96.8	98.5	101.5	106.9	99.3	102.6
1985	101.9	99.7	98.3	92.5	96.1	97.2	100.9	108.3	97.1	101.1
1986	79.2	77.7	75.6	67.4	70.6	73.8	78.1	94.9	70.4	77.5
1987	74.6	74.7	75.1	63.7	69.6	68.8	77.8	86.5	72.5	79.5
1988	73.5	74.7	73.9	62.8	69.1	68.8	76.9	86.9	70.9	78.5
1989	82.4	81.6	81.1	70.7	78.6	77.8	86.6	96.4	80.2	87.4
1990	101.4	98.1	94.2	85.5	97.0	97.4	102.6	110.1	97.0	102.9
1991	91.1	91.0	89.5	78.7	92.4	95.1	99.8	105.0	93.3	101.6
1992										
January	79.4	82.0	80.1	65.4	84.1	86.1	90.2	92.7	85.3	92.0
February	79.6	83.0	79.8	67.5	78.9	79.2	89.0	91.1	83.5	90.9
March	79.7	82.5	79.2	68.4	80.9	82.2	89.5	93.0	82.6	91.8
April	81.8	82.9	80.4	70.2	81.9	84.2	90.1	92.1	85.5	92.0
May	83.9	83.5	81.5	69.6	85.4	86.1	92.6	93.6	88.9	94.3
June	82.9	85.3	81.9	W	87.7	84.6	91.1	93.9	89.2	90.6
July	84.5	81.7	81.1	W	89.3	86.1	89.6	93.0	87.3	88.0
August	84.1	82.3	80.6	W	84.9	79.4	88.9	96.8	84.0	84.0
September	85.0	84.7	83.6	74.1	85.0	86.0	90.6	93.4	87.6	90.3
October	87.1	86.4	84.1	75.8	88.8	89.6	94.0	96.8	91.7	94.5
November	86.0	84.6	83.8	72.8	90.4	91.7	96.2	97.7	92.8	98.7
December	83.1	84.5	84.3	71.6	86.1	86.8	96.6	95.8	91.5	99.7
1992	82.6	83.6	81.6	71.3	84.8	85.7	92.1	94.1	87.6	94.0
1993										
January	82.9	84.2	82.1	68.6	83.8	84.8	96.8	95.1	91.8	100.6
February	83.0	85.5	83.4	71.2	83.7	84.2	96.8	95.1	89.9	101.4
March	83.9	86.6	84.0	NA	86.9	87.8	96.2	94.2	90.7	99.7
April	83.3	86.9	84.7	79.5	82.9	84.1	97.4	94.7	92.1	101.5
May	84.1	86.0	84.9	78.2	82.1	82.9	96.4	96.6	91.3	100.3
June	83.4	85.7	84.2	78.5	82.7	82.8	94.3	97.1	90.2	95.1
July	82.0	79.3	84.1	71.6	79.2	80.0	91.9	95.3	86.1	91.3
August	80.0	78.6	78.7	70.4	77.0	77.0	90.7	95.5	83.5	89.3
September	83.1	81.4	82.8	72.7	84.0	85.3	95.1	94.8	92.0	97.1
October	86.4	85.5	81.8	76.9	91.3	90.7	101.5	97.0	99.3	104.8
November	84.5	83.6	82.1	76.4	95.5	95.3	100.4	93.3	98.0	104.0
December	80.3	80.1	79.4	70.1	82.8	82.0	93.5	90.7	88.2	96.7
1993	83.1	83.7	82.4	73.3	85.7	85.8	96.5	94.7	91.9	100.2
1994										
January	80.8	81.3	79.4	76.3	73.8	73.3	90.3	88.8	86.0	92.8
February	80.8	84.0	81.8	79.6	74.3	73.8	92.4	88.5	87.9	96.2
March	80.2	81.8	82.0	76.1	75.9	77.2	93.0	89.8	86.5	97.7

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Sources: Energy Information Administration Forms EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report," January 1983 forward; Form EIA-9A, "No. 2 Distillate Price Monitoring Report," source for backcast estimates prior to January 1983.

Figure 6. U.S. No. 2 Distillate Prices to Residences by PAD District

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

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

Year Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
1978	31.4	29.3	27.5	24.5	29.8	26.3
1979	46.8	45.0	38.9	36.6	43.6	39.9
1980	67.5	60.8	52.3	47.9	60.7	52.8
1981	82.9	74.8	67.3	62.2	75.6	66.3
1982	74.7	69.5	61.1	57.2	67.6	61.2
1983	69.5	64.3	61.1	59.1	65.1	60.9
1984	72.0	68.5	65.9	63.9	68.7	65.4
1985	64.4	61.0	58.2	56.0	61.0	57.7
1986	37.2	32.8	31.7	28.9	34.3	30.5
1987	44.7	41.2	39.6	36.2	42.3	38.5
1988	37.2	33.3	30.0	27.1	33.4	30.0
1989	43.6	40.7	34.4	33.1	38.5	36.0
1990	50.5	47.2	40.0	37.2	44.4	41.3
1991	40.2	36.4	30.8	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	25.7
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	35.4	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	28.2	36.2	30.6
1992	38.9	35.4	31.3	28.4	33.8	30.7
1993						
January	40.8	36.6	32.4	27.3	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	32.0	29.6	25.7	32.2	28.4
November	38.7	31.0	27.5	22.2	30.4	25.7
December	35.6	27.6	25.8	20.3	29.2	23.8
1993	40.3	33.8	30.3	25.4	33.7	29.1
1994						
January	39.7	33.8	27.7	23.2	32.5	28.7
February	44.8	39.3	31.3	25.8	36.9	34.2
March	41.8	30.8	29.5	24.3	33.2	27.7

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

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

Figure 7. U.S. Refiner Residual Fuel Oil Prices and Volumes

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

Table 20. U.S. Refiner Residual Fuel Oil Volumes
(Million Gallons per Day)

Year Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Total	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
1983	13.4	7.2	14.9	12.9	28.3	20.2
1984	15.1	6.7	17.8	14.6	32.9	21.3
1985	11.4	7.0	13.8	12.9	25.2	19.9
1986	15.2	7.9	16.4	10.7	31.6	18.6
1987	15.1	7.8	13.9	9.1	29.0	16.9
1988	14.2	8.7	15.9	10.3	30.2	18.9
1989	13.4	7.9	17.0	13.1	30.4	21.0
1990	11.1	7.4	14.9	10.5	25.9	17.9
1991	8.6	5.6	15.5	12.2	24.0	17.8
1992						
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	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	6.1	9.5	8.2	13.3	14.2
November	3.2	4.8	9.2	7.3	12.5	12.1
December	5.4	5.9	10.2	6.5	15.6	12.4
1993	5.8	5.4	11.1	6.9	16.9	12.3
1994						
January	6.7	6.2	10.1	5.8	16.8	12.0
February	6.3	9.6	9.1	5.8	15.4	15.4
March	4.2	7.5	10.0	6.8	14.2	14.3

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*. Totals may not equal the sum of the components due to rounding.
Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Crude Oil Prices

Table 21. Domestic Crude Oil First Purchase Prices
(Dollars per Barrel)

Year Month	U.S. Average		PAD District I				PAD District II						
	U.S. Average	Less AK North Slope	Average	NY	PA	WV	Average	IL	IN	KS	KY	MI	NE
1978	9.00	9.56	12.25	W	14.72	14.48	11.91	13.81	13.70	13.20	13.73	11.86	11.40
1979	12.64	13.01	14.30	W	24.13	23.35	18.33	23.49	23.28	21.57	22.55	14.47	18.13
1980	21.59	22.65	22.66	W	37.48	36.92	30.12	35.78	35.91	34.20	34.98	23.54	30.60
1981	31.77	33.71	35.22	W	36.03	35.63	35.63	36.03	36.07	35.80	35.90	35.74	35.32
1982	28.52	30.43	31.77	30.91	30.77	29.98	31.65	31.69	31.66	30.79	31.19	31.80	30.98
1983	26.19	28.00	28.32	28.19	28.28	27.27	29.17	29.12	29.08	28.45	28.60	28.93	28.58
1984	25.88	27.59	27.76	27.70	27.71	26.90	28.62	28.76	28.72	27.99	28.24	28.54	27.83
1985	24.09	25.74	25.68	25.19	25.05	24.35	25.94	26.90	26.82	25.33	26.20	26.16	25.42
1986	12.51	14.13	14.76	16.03	15.77	14.68	14.30	14.70	14.55	14.02	14.20	14.61	13.70
1987	15.40	16.83	16.52	17.40	17.43	16.56	17.42	17.53	17.49	17.37	17.19	17.63	17.08
1988	12.58	13.97	14.21	W	15.26	14.35	14.65	14.79	14.78	14.55	14.58	14.92	14.08
1989	15.86	17.13	17.16	W	18.15	17.18	18.04	18.36	18.37	18.18	18.58	18.06	17.36
1990	20.03	21.57	22.06	23.32	23.00	22.16	22.66	23.36	23.46	23.21	23.20	22.92	21.94
1991	16.54	18.16	19.01	19.67	19.48	W	19.58	20.19	20.20	19.84	19.84	19.86	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	20.87	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	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	13.70	14.90	17.28	17.20	17.17	16.92	15.78	16.69	16.49	15.22	16.26	16.32	14.26
November	12.43	13.48	15.89	15.66	16.04	15.28	14.40	15.03	15.02	14.02	14.58	14.86	12.89
December	10.38	11.50	14.00	14.09	14.52	13.74	12.23	12.85	12.84	11.79	12.42	12.81	10.74
1993	14.20	15.25	17.28	17.18	17.52	16.77	16.28	16.97	16.97	16.01	16.53	16.78	14.90
1994													
January	10.51	11.83	14.13	13.87	14.32	13.56	12.75	13.39	13.35	12.33	13.05	13.21	11.19
February	10.73	11.84	14.04	14.13	14.51	13.75	12.50	13.11	13.02	12.10	12.67	12.88	10.92
March	10.81	11.91	13.93	13.88	14.31	13.56	12.41	13.07	13.01	12.01	12.77	12.85	10.88

See footnotes at end of table.

Table 21. Domestic Crude Oil First Purchase Prices
(Dollars per Barrel) — Continued

Year Month	PAD District II (Continued)					PAD District III							
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	Federal Offshore Gulf	
1978	9.75	13.80	11.30	12.16	9.37	10.52	10.63	9.03	7.91	10.17	9.29	9.86	
1979	13.64	22.79	17.83	16.36	12.33	11.97	14.72	11.43	10.74	14.33	12.66	11.23	
1980	26.42	36.64	29.25	28.81	21.24	20.57	24.17	19.87	20.86	24.06	21.84	19.87	
1981	35.63	39.11	35.43	35.55	35.00	35.80	33.69	35.45	30.47	35.04	35.06	35.07	
1982	31.89	30.90	32.04	31.63	31.82	32.32	30.12	32.44	29.04	31.82	31.77	32.61	
1983	29.27	29.14	29.67	29.10	29.45	30.07	29.28	30.02	29.76	29.26	29.35	29.77	
1984	28.39	27.71	29.11	28.36	29.03	29.39	28.18	29.67	27.26	29.69	28.67	28.36	
1985	28.32	25.11	26.28	25.79	26.91	25.77	25.79	27.22	25.51	26.84	26.80	27.53	
1986	13.54	15.51	14.47	13.81	14.89	13.91	14.54	15.32	13.63	14.93	14.73	15.27	
1987	16.76	17.42	17.62	16.96	17.57	16.80	17.23	17.97	16.78	17.57	17.55	17.54	
1988	13.86	15.19	14.86	14.04	14.76	13.36	14.41	15.22	13.96	14.78	14.71	14.71	
1989	17.12	18.06	18.23	17.33	17.86	17.27	17.34	18.39	17.00	17.86	17.61	17.63	
1990	21.94	23.09	22.95	22.32	22.42	22.09	21.56	23.04	21.06	22.44	22.37	22.40	
1991	19.60	19.59	19.59	19.21	19.23	19.06	19.06	20.14	17.65	19.35	19.04	19.41	
1992	19.21	19.59	19.59	19.21	19.23	19.06	19.06	20.14	17.65	19.35	19.04	19.41	
1992	16.26	17.12	17.01	16.36	16.64	16.43	15.69	17.58	14.93	16.77	16.51	16.64	
January	16.43	17.25	17.16	16.70	16.76	16.55	15.92	17.60	15.10	16.86	16.71	16.62	
February	16.32	17.05	17.11	16.48	16.68	16.68	15.75	17.49	15.08	16.92	16.61	16.57	
March	17.72	18.14	18.48	17.93	18.08	17.94	17.00	18.86	16.46	18.31	18.06	17.87	
April	18.39	19.25	19.24	18.71	18.86	18.72	17.77	19.69	17.26	19.13	18.76	18.78	
May	19.86	20.67	20.65	20.12	20.29	20.15	19.15	21.09	18.54	20.53	20.21	20.23	
June	19.21	19.71	20.00	19.45	19.71	19.56	18.48	20.50	17.86	19.93	19.61	19.71	
July	18.85	19.41	19.53	18.16	19.14	18.78	18.02	19.72	17.35	19.25	19.07	19.27	
August	19.40	19.93	20.08	19.47	19.66	19.19	18.65	20.00	17.97	19.77	19.59	19.88	
September	19.21	20.33	19.77	18.23	19.47	19.26	17.39	19.70	17.83	19.61	19.44	19.59	
October	17.92	20.03	18.53	17.84	18.10	18.26	17.13	18.25	16.53	18.32	18.07	18.16	
November	16.93	18.79	17.85	17.11	17.23	17.41	16.19	17.57	15.58	17.39	17.19	17.27	
December	18.02	18.96	16.74	16.19	16.37	16.22	17.33	19.00	16.70	18.55	18.32	18.35	
1993	16.56	18.22	17.16	16.78	16.88	17.16	15.78	17.16	15.30	17.09	16.84	16.95	
January	17.39	18.32	18.20	17.74	17.83	17.78	16.75	18.07	16.28	18.07	17.81	17.85	
February	17.68	18.88	18.39	17.82	17.88	17.88	16.96	18.25	16.47	18.33	18.05	18.06	
March	17.56	19.08	18.27	17.60	17.96	17.77	16.87	18.16	16.35	18.13	17.96	17.99	
April	18.95	18.82	17.97	17.02	17.61	17.38	16.50	17.74	15.85	17.81	17.59	17.73	
May	15.82	17.98	17.00	15.72	16.68	16.83	15.46	16.78	14.98	16.97	16.70	16.67	
June	14.59	17.03	15.78	14.43	15.47	15.10	14.21	15.51	13.81	15.58	15.51	15.53	
July	14.63	16.68	15.90	14.50	15.58	15.49	14.71	15.68	13.96	15.71	15.58	15.66	
August	14.06	16.58	15.39	13.92	15.02	14.61	13.96	15.15	13.54	15.29	15.03	15.04	
September	14.87	17.36	15.99	14.81	14.76	16.03	14.47	16.44	14.55	15.99	15.73	15.58	
October	13.43	15.91	14.66	13.42	14.47	14.55	13.31	15.07	13.19	14.85	14.36	14.48	
November	11.20	14.41	12.45	11.12	12.35	12.28	10.94	12.92	10.92	12.61	12.23	12.46	
December	15.42	17.44	16.47	15.38	16.15	15.99	16.02	16.46	14.61	16.36	16.14	16.15	
1994	11.73	14.33	13.07	11.64	12.69	12.79	11.49	13.38	11.40	13.00	12.66	12.49	
January	11.50	14.46	12.74	11.41	12.52	12.48	11.42	13.11	11.23	12.86	12.50	12.35	
February	11.36	14.52	12.60	11.41	12.50	12.51	11.23	13.16	11.13	12.69	12.46	12.38	
March													

See footnotes at end of table.

Table 21. Domestic Crude Oil First Purchase Prices
(Dollars per Barrel) — Continued

Year Month	PAD District IV					PAD District V				
	Average	CO	MT	UT	WY	Average	AK North Slope	AK Other	CA	Federal Offshore California
1978	9.50	10.84	9.04	9.98	9.18	6.60	5.21	5.45	8.55	6.10
1979	11.98	13.28	12.03	11.41	11.73	11.17	10.57	6.22	12.78	8.06
1980	21.29	22.91	20.53	19.79	21.34	19.09	16.87	10.25	23.67	16.28
1981	33.38	35.69	34.69	34.14	32.30	24.79	23.23	30.15	26.80	24.56
1982	30.14	31.56	31.25	30.50	29.37	21.84	19.92	27.74	24.58	23.37
1983	27.81	28.92	28.90	28.12	27.19	19.66	17.69	23.59	22.61	20.54
1984	27.18	28.09	28.07	27.21	26.73	19.52	17.91	24.37	22.09	20.41
1985	24.78	25.64	25.29	23.98	24.67	19.11	16.98	22.46	22.14	20.08
1986	13.24	13.98	13.58	13.33	12.94	8.53	6.45	13.13	11.90	9.48
1987	16.77	17.71	16.57	17.22	16.45	11.89	10.83	15.45	13.92	11.82
1988	13.85	14.83	13.84	14.24	13.47	9.28	8.43	12.92	10.97	9.41
1989	17.37	18.86	17.03	18.63	16.73	12.71	12.00	16.17	14.06	12.64
1990	21.68	23.16	21.61	22.61	21.04	16.15	15.23	21.16	17.81	16.21
1991	18.21	19.95	18.17	19.99	17.33	12.30	11.57	15.36	13.72	11.33
1992										
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	17.08	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	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	10.78	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	14.94	16.16	14.23	16.84	14.33	10.62	10.05	13.66	11.89	9.11
November	13.58	14.86	12.77	15.82	12.92	9.74	9.06	12.36	10.65	8.13
December	11.38	12.74	10.62	13.72	10.66	7.63	7.00	9.34	8.93	6.30
1993	15.27	16.59	14.70	17.45	14.56	11.22	10.84	14.11	12.07	9.18
1994										
January	11.86	13.23	11.04	14.13	11.15	7.27	6.67	9.37	8.65	6.43
February	11.67	12.87	10.80	13.89	11.01	8.05	7.38	11.17	9.52	7.25
March	11.60	12.78	10.75	13.73	11.03	8.28	7.49	11.66	9.93	7.68

W = Withheld to avoid disclosure of individual company data.

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

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

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

Table 22. Domestic Crude Oil First Purchase Prices for Selected Crude Streams
(Dollars per Barrel)

Year Month	Alaska North Slope	California Midway- Sunset	California Kern River	California Wilmington	Louisiana South Mix	North Dakota Sweet	West Texas Intermediates	West Texas Sour	Wyoming Sour
1993									
January	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-
October	10.05	11.23	11.29	12.54	16.70	15.33	16.31	14.87	12.71
November	9.06	9.94	10.12	W	15.14	13.95	15.22	13.29	11.01
December	7.00	8.17	8.26	10.09	13.13	11.66	12.99	11.28	8.84
1993	-	-	-	-	-	-	-	-	-
1994									
January	6.67	8.25	8.25	9.10	13.56	12.21	13.40	11.77	9.29
February	7.38	8.87	8.97	10.08	13.32	11.92	13.17	11.64	9.07
March	7.49	9.29	9.40	10.38	13.29	11.82	13.04	11.61	9.15

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

Source: Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report."

Table 23. Domestic Crude Oil First Purchase Prices by API Gravity
(Dollars per Barrel)

Year Month	20.0 or Less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 or Greater
1993						
January	-	-	-	-	-	-
February	-	-	-	-	-	-
March	-	-	-	-	-	-
April	-	-	-	-	-	-
May	-	-	-	-	-	-
June	-	-	-	-	-	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	-	-	-	-	-	-
October	11.41	13.52	10.08	15.49	15.49	16.27
November	10.69	11.99	9.09	14.13	14.33	15.21
December	8.49	9.84	7.03	12.00	12.01	12.95
1993	-	-	-	-	-	-
1994						
January	8.37	10.27	6.70	12.26	12.27	13.35
February	9.21	10.09	7.40	12.24	12.22	13.14
March	9.58	10.09	7.50	12.23	12.23	13.01

Dash (-) = No data reported.

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

Source: Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report."

Table 24. F.O.B.^a Costs of Imported Crude Oil by Selected Country
(Dollars per Barrel)

Year Month	Selected Countries								OPEC	
	Algeria	Indonesia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Other Countries	Arab OPEC ^b	Total OPEC ^c
1978	14.12	13.61	13.24	14.06	12.70	13.82	12.38	13.35	13.28	13.31
1979	20.83	19.03	20.27	21.69	17.28	21.70	16.90	21.10	19.27	19.88
1980	36.67	32.17	31.06	35.93	28.17	34.36	24.81	34.34	31.57	32.21
1981	39.08	35.62	33.01	38.31	32.60	36.06	28.95	36.69	34.79	35.17
1982	34.20	35.11	28.08	35.13	33.73	33.42	23.74	31.96	33.84	33.48
1983	30.09	29.92	25.20	29.81	27.53	29.91	21.48	27.96	28.28	28.46
1984	28.34	29.13	26.39	29.51	27.67	29.57	24.23	27.79	27.79	27.79
1985	26.89	27.12	25.33	28.04	22.04	27.64	23.64	26.12	24.34	25.67
1986	13.62	13.19	11.84	14.35	11.36	13.84	10.92	13.32	11.59	12.21
1987	16.79	17.40	16.36	18.47	15.12	18.28	15.06	17.11	15.80	16.43
1988	W	13.81	12.18	15.16	12.16	14.80	12.96	13.45	12.57	13.43
1989	W	17.01	15.96	18.31	16.29	17.89	16.09	17.12	16.72	17.06
1990	W	21.29	19.26	22.46	20.36	23.43	19.55	19.88	18.84	20.40
1991	W	18.69	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	15.36	18.43	17.99	17.89
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	15.69	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	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	13.58	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	14.68	14.03	13.94
November	W	W	12.24	15.80	10.58	15.29	9.97	13.87	11.87	12.37
December	W	W	11.19	14.21	W	14.33	9.34	11.84	11.30	11.40
1993	W	17.16	13.74	17.78	14.27	16.62	12.46	15.20	14.62	14.84
1994										
January	W	W	11.30	14.88	11.02	W	10.87	12.26	11.45	12.42
February	-	14.46	11.43	14.00	11.18	W	10.35	12.19	11.14	11.78
March	W	W	11.67	14.22	W	13.60	11.02	12.11	11.29	11.96

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^a 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.

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

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

Year Month	Selected Countries									OPEC	
	Algeria	Canada	Indonesia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Other Countries	Arab OPEC ^a	Total OPEC ^b
1978	14.93	14.41	14.65	13.55	14.88	13.94	14.53	12.84	14.58	14.36	14.34
1979	21.86	20.22	20.63	20.77	22.97	18.95	22.97	17.65	22.96	20.79	21.26
1980	37.92	30.11	33.92	31.77	37.15	29.80	35.58	25.92	35.15	32.97	33.56
1981	40.46	32.32	37.31	33.70	39.66	34.20	37.29	29.91	38.54	36.22	36.60
1982	35.35	27.15	36.70	28.63	36.16	34.99	34.25	24.93	34.03	35.15	34.81
1983	31.26	25.63	31.57	25.78	30.85	29.27	30.87	22.94	29.68	29.87	29.84
1984	29.06	26.36	30.87	26.85	30.36	29.20	29.45	25.19	29.21	29.10	29.06
1985	27.51	25.71	28.67	25.63	28.96	24.72	25.36	24.43	27.33	28.90	28.96
1986	14.82	13.43	14.63	12.17	15.29	12.84	14.63	11.52	14.25	13.14	13.46
1987	17.87	17.04	18.49	16.69	19.32	16.81	18.78	15.76	18.30	17.32	17.64
1988	W	13.50	15.15	12.58	15.88	13.37	15.52	13.66	14.45	13.60	14.18
1989	19.13	16.81	18.35	16.35	19.19	17.34	18.74	16.78	18.08	17.41	17.78
1990	W	20.48	22.50	19.84	23.33	21.82	22.65	20.31	20.52	20.64	21.23
1991	W	17.16	20.20	15.99	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	17.48	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	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	15.66	16.03
July	W	15.30	17.66	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	12.89	16.57	10.81	14.71	13.03	13.25
December	W	12.44	15.72	11.39	15.08	11.61	15.16	10.14	12.77	11.56	11.98
1993	17.34	15.27	16.47	14.10	16.72	15.42	17.91	13.39	16.45	15.31	15.69
1994											
January	W	12.05	W	11.85	15.56	11.84	14.98	11.72	13.47	11.96	12.90
February	-	12.05	16.14	11.70	14.67	11.94	15.40	11.12	13.48	11.86	12.40
March	W	11.92	W	11.95	14.93	12.09	14.73	11.83	13.08	11.90	12.45

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

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

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Table 26. F.O.B.^a Costs of Imported Crude Oil by API Gravity
(Dollars per Barrel)

Year Month	20.0 or Less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or Greater
1978	11.98	11.74	12.51	13.06	13.62	14.00	14.01
1979	14.43	18.54	19.91	19.54	21.24	21.65	19.77
1980	23.09	28.78	30.72	30.31	34.33	35.39	36.13
1981	26.70	31.20	33.61	34.38	36.85	38.42	38.59
1982	23.08	25.82	31.48	33.56	34.29	34.82	34.48
1983	21.77	24.27	27.38	29.04	29.74	30.10	30.12
1984	24.10	25.31	27.22	28.55	29.18	29.40	28.02
1985	23.45	24.27	24.86	26.46	27.43	27.79	26.90
1986	10.51	10.98	12.25	12.83	13.83	14.19	13.76
1987	15.21	15.37	15.76	17.24	17.99	18.03	17.37
1988	11.92	11.85	12.48	13.82	14.38	14.89	15.25
1989	14.00	14.89	16.95	17.50	18.09	18.23	18.05
1990	15.98	18.00	20.54	20.77	22.19	22.78	22.28
1991	11.91	13.72	16.33	17.67	20.15	19.69	20.85
1992							
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	15.89	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	18.28	18.46	18.99
1992	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	13.85	15.35	16.21	W
December	8.93	9.32	11.03	11.98	13.68	14.67	13.55
1993	11.33	12.22	15.17	15.61	17.02	17.46	17.61
1994							
January	10.23	10.07	12.67	12.56	13.91	14.85	14.24
February	9.32	9.83	12.01	12.55	13.79	14.15	14.30
March	9.37	10.07	12.31	12.52	13.76	W	W

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^a Free on Board. See Glossary.

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Table 27. Landed Costs of Imported Crude Oil by API Gravity
(Dollars per Barrel)

Year Month	20.0 or Less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or Greater
1978	12.75	13.11	13.76	14.10	14.69	14.87	15.16
1979	15.57	20.05	20.88	21.01	22.61	23.06	21.23
1980	24.54	29.65	31.83	31.73	35.81	36.85	37.57
1981	27.94	32.00	34.86	35.71	38.36	39.78	39.97
1982	24.17	26.46	32.62	34.78	35.43	35.78	35.81
1983	23.17	24.95	28.62	30.25	30.96	31.28	31.27
1984	25.08	25.97	28.38	29.58	30.16	30.16	29.05
1985	24.33	24.65	26.17	27.10	28.29	28.39	27.73
1986	11.30	11.49	13.28	13.59	14.99	14.80	15.37
1987	16.14	15.87	17.21	18.16	18.72	18.89	18.57
1988	12.75	12.11	13.54	14.35	15.21	15.74	16.24
1989	14.90	15.42	17.59	17.87	18.74	19.05	19.13
1990	16.82	18.54	21.59	21.18	22.47	23.47	23.41
1991	13.06	14.41	17.17	18.65	20.86	20.88	22.15
1992							
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	13.81	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	16.31	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	18.86	18.03	20.16	20.41	20.56
December	13.48	13.47	16.06	17.50	18.74	19.41	19.57
1992	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	14.12	16.27	17.05	14.92
December	9.72	9.91	11.55	12.35	14.37	15.32	14.41
1993	12.44	12.96	15.73	16.09	17.88	18.31	18.23
1994							
January	11.10	10.71	12.90	12.90	14.42	15.17	14.63
February	10.24	10.40	12.38	12.91	14.37	14.40	14.62
March	10.37	10.72	12.78	12.66	14.37	14.24	14.16

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Table 28. Percentages of Total Imported Crude Oil by API Gravity
(Percent by Interval)

Year Month	20.0 or Less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or Greater
1978	1.28	3.57	7.93	38.79	31.86	13.48	3.31
1979	1.65	3.96	8.45	38.98	30.84	13.36	2.96
1980	1.70	6.18	9.25	38.43	27.02	13.56	3.85
1981	2.19	8.88	9.46	37.37	26.80	12.53	2.98
1982	3.39	14.90	11.72	35.58	23.76	8.44	2.20
1983	3.91	20.40	15.14	24.95	23.63	7.74	4.23
1984	6.48	20.52	11.59	21.05	25.75	8.12	6.48
1985	7.62	20.46	11.19	27.14	24.93	4.02	4.65
1986	5.54	19.36	14.12	27.49	25.74	3.65	4.11
1987	4.04	19.68	16.88	26.91	24.79	3.87	3.85
1988	3.52	18.27	15.99	30.72	24.45	4.04	3.02
1989	2.55	14.39	16.80	35.27	23.79	3.55	2.64
1990	3.64	14.96	18.13	34.44	23.21	2.94	2.67
1991	3.76	16.02	20.79	34.84	20.94	2.11	1.55
1992							
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	0.87
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	4.48	1.07
June	4.91	17.09	22.36	28.15	23.37	3.14	0.98
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	0.76
October	4.83	17.46	23.20	33.36	18.60	2.18	0.37
November	3.85	15.65	20.05	32.64	24.33	2.49	1.00
December	4.12	17.08	23.71	34.71	17.10	2.03	1.22
1992	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	0.46
February	4.20	18.14	19.51	35.41	17.94	3.57	1.23
March	4.98	18.66	20.35	28.83	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	1.89	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	4.39	18.82	19.46	34.18	18.99	3.15	1.30
December	3.45	16.62	14.68	39.28	19.53	4.57	1.87
1993	4.53	18.82	16.22	32.38	21.03	2.64	1.38
1994							
January	3.86	24.11	21.33	26.30	19.24	3.96	1.20
February	2.36	22.80	18.72	27.06	22.72	4.47	1.88
March	2.74	19.77	20.79	31.67	21.34	2.28	1.42

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

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

Table 29. F.O.B.^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	36.38	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	26.16	29.00	25.35
1985 Average	28.57	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	17.84	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 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	12.15	9.13
4th Quarter							
Average	W	13.80	11.35	—	W	13.86	10.57
1993 Average	W	15.65	W	W	14.57	15.95	12.03
1994							
January	W	W	W	—	W	13.01	9.95
February	—	13.40	W	—	W	12.71	9.85
March	W	13.62	W	—	W	12.83	9.92
1st Quarter							
Average	W	13.31	W	—	12.33	12.87	9.91

See footnotes at end of table.

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

Year Quarter Month	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	25.88	21.38	17.33	15.83	21.92	W
1980 Average	35.57	37.71	35.88	27.79	26.14	33.13	18.56
1981 Average	38.84	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	29.87	29.17	29.11	26.52	29.25	22.24
1985 Average	28.23	W	W	23.70	W	27.88	21.94
1986 Average	14.07	14.02	16.23	11.79	11.00	14.07	9.44
1987 Average	18.32	18.45	18.25	14.46	14.85	18.37	15.75
1988 Average	15.39	15.33	14.58	12.98	11.68	14.40	12.29
1989 Average	18.42	18.58	17.80	18.28	W	18.38	12.27
1990 Average	23.47	22.67	W	21.72	19.13	29.33	12.15
1991 Average	21.10	20.48	20.39	16.83	13.25	22.17	8.49
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	13.99	—
4th Quarter							
Average	15.09	15.58	—	13.09	10.62	15.09	W
1993 Average	17.63	17.89	19.03	15.57	13.03	16.78	9.18
1994							
January	W	W	—	W	W	W	—
February	14.20	14.22	—	W	W	W	—
March	W	W	—	W	W	W	W
1st Quarter							
Average	14.45	14.50	—	12.00	W	W	W

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^a Free on Board. See Glossary.

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

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

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

Table 30. 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	33.58	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	28.83	25.35	29.51	28.79	29.46	25.84
1985 Average	27.21	27.48	24.38	27.94	26.97	27.60	24.57
1986 Average	14.54	14.27	13.52	13.71	14.39	14.28	11.24
1987 Average	17.72	18.43	15.98	18.63	17.60	18.32	16.03
1988 Average	W	14.98	12.21	15.21	13.77	14.69	11.85
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	13.82
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	-	12.92	12.62	9.50
4th Quarter							
Average	W	14.96	12.47	-	14.28	14.36	10.90
1993 Average	W	16.93	13.65	W	15.79	16.50	12.44
1994							
January	W	13.64	W	-	12.64	13.55	10.36
February	-	14.25	10.52	-	13.80	13.29	10.25
March	W	14.22	10.58	-	13.20	13.36	10.31
1st Quarter							
Average	W	14.05	10.60	-	13.08	13.42	10.31

See footnotes at end of table.

Table 30. Landed Costs of Imported Crude Oil for Selected Crude Streams
(Dollars per Barrel) — Continued

Year Quarter Month	Nigerian Brass River	Nigerian Bonny Light	Norwegian Ekofisk	Saudi Arabian Light	Saudi Arabian Heavy	United Kingdom Brent	Venezuelan Bocon
1978 Average	14.97	15.04	14.68	14.04	13.32	—	W
1979 Average	23.19	27.11	22.64	19.18	17.68	23.26	W
1980 Average	37.02	38.58	36.91	29.57	28.16	34.57	20.34
1981 Average	40.01	39.25	36.70	34.32	33.02	37.58	W
1982 Average	36.28	36.45	34.70	35.65	32.64	34.53	20.32
1983 Average	31.44	31.06	30.79	30.95	28.12	31.28	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	12.90	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 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	—	13.89	12.05	16.51	W
December	W	W	—	12.78	10.65	15.03	—
4th Quarter							
Average	16.19	16.50	—	13.93	11.84	16.18	W
1993 Average	18.64	18.76	19.72	16.58	14.15	18.03	11.32
1994							
January	W	W	—	12.81	10.70	14.98	—
February	14.69	14.87	—	13.12	10.81	W	—
March	W	W	—	12.30	11.34	15.00	W
1st Quarter							
Average	14.98	15.10	—	12.74	10.98	15.24	W

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Prices of Petroleum Products

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
March 1994	62.9	62.6	57.4	50.2	45.7	52.1	71.2	70.7	62.8	54.3	NA	58.6
February 1994	63.2	62.9	57.3	49.8	44.8	51.6	71.5	70.9	62.9	54.0	NA	58.8
March 1993	71.5	71.3	-	-	-	62.4	79.6	79.1	-	-	-	69.0
PAD District I												
March 1994	61.2	60.8	56.6	49.4	45.3	51.6	71.7	70.9	62.7	53.9	W	58.6
February 1994	61.3	60.9	56.8	49.1	45.2	51.7	71.8	71.0	63.1	53.7	NA	58.8
March 1993	69.3	68.9	-	-	-	61.6	79.9	79.1	-	-	-	68.2
Subdistrict IA												
March 1994	65.3	64.3	58.5	49.8	44.9	52.2	76.2	74.4	65.2	53.8	W	60.1
February 1994	65.6	64.6	58.8	49.9	44.4	52.3	76.3	74.6	65.2	53.9	W	60.4
March 1993	74.6	73.6	-	-	-	62.0	84.7	82.8	-	-	-	68.4
Connecticut												
March 1994	65.3	64.4	60.6	50.7	W	54.3	77.4	74.5	66.7	54.3	-	61.0
February 1994	66.1	65.0	60.7	50.4	W	52.8	77.9	74.9	67.2	54.5	-	61.6
March 1993	75.3	74.8	-	-	-	64.0	85.2	84.0	-	-	-	69.4
Maine												
March 1994	69.2	68.6	58.0	51.5	48.0	52.7	78.4	76.9	63.5	55.4	-	57.7
February 1994	69.2	68.5	57.8	51.6	47.9	52.6	78.0	76.8	62.3	55.3	-	57.3
March 1993	76.4	75.7	-	-	-	59.6	89.0	87.5	-	-	-	63.8
Massachusetts												
March 1994	62.6	61.5	57.3	48.7	44.1	50.6	74.4	72.7	64.4	52.7	W	59.9
February 1994	62.6	61.6	57.7	49.0	44.2	51.1	74.5	72.9	64.4	52.9	W	60.2
March 1993	73.3	71.7	-	-	-	61.3	83.4	80.5	-	-	-	69.0
New Hampshire												
March 1994	67.1	66.7	58.3	49.3	W	55.6	77.2	76.8	66.3	52.0	-	63.6
February 1994	68.0	67.6	58.6	49.8	W	56.0	77.5	77.0	65.8	51.2	-	63.5
March 1993	75.2	74.6	-	-	-	63.8	86.2	85.5	-	-	-	68.3
Rhode Island												
March 1994	65.1	64.2	55.5	48.6	45.9	50.0	74.7	73.6	61.5	52.4	-	58.8
February 1994	66.0	64.9	56.0	48.6	W	50.2	74.5	73.6	62.4	52.8	-	57.4
March 1993	72.2	71.6	-	-	-	60.2	80.5	79.7	-	-	-	65.9
Vermont												
March 1994	71.6	70.4	63.3	51.4	-	60.0	81.3	78.4	69.0	56.1	-	65.7
February 1994	71.5	70.0	63.5	52.2	-	60.6	81.3	78.7	68.1	56.7	-	65.0
March 1993	78.1	77.0	-	-	-	66.6	86.9	84.7	-	-	-	71.9
Subdistrict IB												
March 1994	62.3	61.6	56.6	48.7	44.8	51.4	72.2	70.9	62.7	53.4	NA	59.6
February 1994	63.0	62.4	57.4	49.1	45.0	52.2	73.2	71.9	63.9	54.1	W	60.8
March 1993	70.1	69.5	-	-	-	61.3	80.5	79.1	-	-	-	69.3
Delaware												
March 1994	59.1	58.6	54.8	48.0	W	51.2	70.5	69.1	61.0	52.0	-	56.6
February 1994	60.5	59.6	55.5	47.3	W	50.6	71.3	70.1	61.8	51.0	-	56.5
March 1993	69.7	68.7	-	-	-	60.5	78.1	77.2	-	-	-	65.6
District of Columbia												
March 1994	W	54.1	60.4	W	-	60.3	W	61.6	66.1	W	-	65.3
February 1994	W	55.6	62.0	58.5	-	61.8	W	64.2	67.7	W	-	67.8
March 1993	W	62.8	-	-	-	66.8	W	70.0	-	-	-	72.4
Maryland												
March 1994	60.6	58.2	56.7	48.5	W	54.0	70.8	68.5	62.8	52.9	W	60.3
February 1994	62.3	60.9	58.7	49.9	W	55.9	71.6	70.0	64.9	56.3	-	63.0
March 1993	70.0	68.1	-	-	-	63.3	80.8	79.2	-	-	-	69.6
New Jersey												
March 1994	66.0	65.0	59.1	48.9	44.5	50.8	81.0	79.1	65.3	55.2	W	62.7
February 1994	66.3	65.3	60.4	50.4	44.7	51.9	81.3	79.3	67.0	56.2	W	64.1
March 1993	77.1	75.4	-	-	-	61.2	90.6	87.4	-	-	-	73.1
New York												
March 1994	63.5	62.8	56.2	49.9	45.2	52.1	73.1	71.2	62.6	55.7	W	60.6
February 1994	64.4	63.6	56.9	49.9	45.7	52.9	74.5	72.4	63.6	56.0	W	61.3
March 1993	70.5	69.9	-	-	-	62.7	81.7	79.8	-	-	-	71.0
Pennsylvania												
March 1994	60.2	60.2	54.9	47.7	45.0	50.2	69.8	69.3	60.5	52.0	-	58.7
February 1994	60.8	60.8	54.9	47.7	44.8	50.4	70.5	70.0	60.8	52.0	-	57.0
March 1993	67.2	67.4	-	-	-	59.4	76.5	76.1	-	-	-	65.3

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
March 1994	80.3	79.4	70.7	59.3	51.0	64.4	67.2	66.7	61.4	52.3	46.3	55.2
February 1994	79.4	78.6	70.8	58.8	50.0	63.8	67.5	67.0	61.3	51.8	45.5	54.8
March 1993	87.8	86.9	—	—	—	74.8	75.5	75.1	—	—	—	65.4
PAD District I												
March 1994	81.0	79.9	70.9	59.4	51.1	64.9	67.3	66.6	61.8	52.3	46.2	55.9
February 1994	81.1	80.0	71.4	59.1	51.4	64.9	67.4	66.7	62.2	52.0	46.4	56.1
March 1993	89.4	88.1	—	—	—	74.8	75.2	74.6	—	—	—	65.7
Subdistrict IA												
March 1994	84.8	82.7	72.3	59.8	54.0	66.0	71.2	69.9	63.1	52.6	45.4	56.2
February 1994	85.1	83.1	72.6	60.2	52.7	65.2	71.6	70.3	63.5	52.9	45.8	56.4
March 1993	93.5	91.5	—	—	—	74.4	80.1	78.8	—	—	—	65.7
Connecticut												
March 1994	87.2	85.4	74.7	61.4	—	68.2	72.3	70.9	65.4	54.0	W	58.7
February 1994	87.8	86.1	74.9	61.6	—	68.4	73.1	71.6	65.8	53.8	W	57.6
March 1993	96.2	95.0	—	—	—	74.6	81.6	80.8	—	—	—	67.8
Maine												
March 1994	85.5	83.9	69.7	61.4	W	62.7	73.2	72.5	60.7	53.9	49.1	55.1
February 1994	85.2	84.1	69.9	61.7	W	63.8	73.3	72.5	60.7	54.2	49.3	55.4
March 1993	93.6	92.3	—	—	—	70.0	80.9	80.1	—	—	—	62.0
Massachusetts												
March 1994	83.3	80.3	71.3	58.6	W	65.3	69.2	67.6	62.3	51.5	44.6	54.7
February 1994	83.3	80.7	71.6	59.0	W	63.3	69.3	67.9	62.7	51.8	46.3	55.3
March 1993	92.6	89.3	—	—	—	75.1	79.0	76.9	—	—	—	65.2
New Hampshire												
March 1994	85.9	85.3	72.2	58.6	—	68.7	72.2	71.7	62.7	51.5	W	59.7
February 1994	86.6	86.3	73.1	59.1	—	69.5	73.1	72.7	63.2	52.0	W	60.2
March 1993	94.6	94.3	—	—	—	76.1	80.3	79.6	—	—	—	66.9
Rhode Island												
March 1994	82.5	81.9	68.9	58.2	—	62.7	71.1	70.1	60.1	51.5	45.9	53.6
February 1994	82.9	82.2	69.5	58.7	—	63.2	72.0	71.0	60.8	51.7	W	54.3
March 1993	87.3	86.6	—	—	—	71.9	77.6	76.9	—	—	—	63.7
Vermont												
March 1994	89.2	87.4	77.0	60.6	—	72.7	76.2	74.7	67.0	53.9	—	63.5
February 1994	89.0	86.5	76.3	62.1	—	72.6	76.4	74.6	67.2	55.1	—	64.0
March 1993	94.8	93.0	—	—	—	79.0	82.7	81.2	—	—	—	69.9
Subdistrict IB												
March 1994	81.8	80.2	71.3	58.8	49.7	65.4	68.1	67.1	62.2	51.5	45.8	56.1
February 1994	82.5	80.9	72.4	58.9	50.3	66.1	69.0	68.0	63.2	51.9	46.1	57.1
March 1993	90.3	88.5	—	—	—	75.4	75.9	74.9	—	—	—	66.0
Delaware												
March 1994	79.1	78.2	68.8	58.0	—	63.6	65.2	64.3	59.0	50.8	W	54.7
February 1994	78.9	78.2	69.7	57.5	—	63.5	66.3	65.3	59.9	50.1	W	54.3
March 1993	88.3	86.9	—	—	—	72.6	74.8	73.7	—	—	—	64.0
District of Columbia												
March 1994	W	66.8	73.6	W	—	73.5	W	59.2	68.2	W	—	68.0
February 1994	W	67.1	75.1	W	—	75.1	W	60.5	69.7	66.4	—	69.6
March 1993	W	75.3	—	—	—	81.0	W	66.6	—	—	—	74.4
Maryland												
March 1994	77.1	74.2	69.7	58.1	W	66.8	66.0	63.2	61.8	51.5	W	58.7
February 1994	78.0	75.6	71.6	60.8	W	69.2	67.6	65.8	63.7	53.4	W	60.9
March 1993	88.0	85.8	—	—	—	74.8	75.5	73.2	—	—	—	67.5
New Jersey												
March 1994	88.6	86.2	73.7	60.1	49.3	65.4	74.9	73.3	65.4	52.7	45.5	56.2
February 1994	89.4	86.8	75.1	60.3	49.7	67.3	75.3	73.7	67.0	54.1	45.7	57.8
March 1993	98.9	95.1	—	—	—	76.5	85.4	82.8	—	—	—	66.6
New York												
March 1994	82.7	80.7	71.4	59.7	W	67.2	68.7	67.6	62.4	52.4	45.7	57.0
February 1994	83.8	81.8	72.4	59.9	W	67.4	69.8	68.5	63.2	52.5	47.4	58.0
March 1993	91.1	88.9	—	—	—	77.8	75.8	74.8	—	—	—	66.0
Pennsylvania												
March 1994	78.4	78.0	68.6	57.7	W	62.2	65.7	65.4	59.1	50.4	45.9	53.7
February 1994	78.8	78.3	68.7	57.0	W	61.4	66.4	66.1	59.1	50.3	46.2	53.8
March 1993	84.9	84.5	—	—	—	71.3	72.3	72.1	—	—	—	62.8

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Subdistrict IC												
March 1994	59.9	59.7	56.0	49.6	47.5	51.7	70.7	70.3	62.1	54.1	W	57.7
February 1994	59.6	59.4	55.6	48.9	47.5	51.1	70.5	69.9	61.9	53.5	W	57.3
March 1993	68.0	67.8	—	—	—	61.7	79.0	78.5	—	—	—	67.5
Florida												
March 1994	61.5	61.4	56.6	50.0	46.6	52.3	73.4	72.7	63.2	54.2	W	59.0
February 1994	60.6	60.4	56.2	49.5	W	52.0	72.6	71.9	62.9	53.5	W	58.6
March 1993	70.2	70.0	—	—	—	62.6	82.2	81.3	—	—	—	69.4
Georgia												
March 1994	57.2	57.2	53.7	49.3	W	50.7	67.6	67.2	58.9	54.1	—	56.2
February 1994	57.5	57.5	53.1	48.3	W	49.8	67.9	67.5	58.2	53.4	—	55.5
March 1993	66.1	66.2	—	—	—	61.8	77.0	76.7	—	—	—	66.9
North Carolina												
March 1994	58.4	57.9	56.3	49.5	W	51.6	67.5	67.2	62.1	54.1	W	57.0
February 1994	57.9	57.4	55.6	49.2	48.7	51.1	67.3	66.9	62.0	53.8	—	56.8
March 1993	65.9	65.7	—	—	—	60.5	75.3	75.2	—	—	—	65.7
South Carolina												
March 1994	57.4	57.5	55.5	49.5	45.3	50.6	68.4	68.3	60.4	54.1	—	56.1
February 1994	56.7	56.7	54.1	48.4	45.7	49.6	68.1	67.9	59.2	53.0	W	54.5
March 1993	64.6	64.6	—	—	—	61.5	75.1	74.7	—	—	—	65.8
Virginia												
March 1994	61.0	60.6	56.8	49.4	W	52.3	72.2	71.7	63.4	53.9	W	56.7
February 1994	61.5	61.1	57.5	49.0	48.8	52.0	71.8	71.4	64.1	53.5	—	58.9
March 1993	69.1	69.0	—	—	—	61.5	80.3	79.8	—	—	—	67.4
West Virginia												
March 1994	67.3	66.6	59.7	50.1	W	54.5	77.2	76.0	65.9	54.3	—	61.2
February 1994	68.4	67.5	59.7	50.2	W	55.0	78.3	77.1	65.6	54.5	—	61.2
March 1993	73.6	72.9	—	—	—	63.5	84.2	83.0	—	—	—	69.4
PAD District II												
March 1994	61.7	61.6	55.2	50.1	47.3	51.4	69.6	69.2	60.8	55.0	NA	58.2
February 1994	62.5	62.2	55.5	50.1	46.5	51.2	70.2	69.8	61.7	55.2	NA	58.8
March 1993	70.3	70.3	—	—	—	61.5	77.2	77.1	—	—	—	67.6
Illinois												
March 1994	60.9	60.9	55.3	48.6	46.0	50.5	68.1	68.0	62.4	54.3	—	60.3
February 1994	62.4	62.3	56.3	49.5	47.4	51.3	68.8	68.7	63.3	55.7	—	61.5
March 1993	71.0	70.8	—	—	—	60.6	78.4	78.2	—	—	—	69.9
Indiana												
March 1994	61.3	61.4	54.2	48.1	46.2	49.8	69.1	68.6	59.9	53.7	—	57.4
February 1994	61.9	61.8	54.9	48.5	46.0	50.3	69.7	68.9	60.9	54.0	—	58.2
March 1993	69.4	69.4	—	—	—	59.9	76.2	75.7	—	—	—	67.0
Iowa												
March 1994	61.1	61.6	58.1	52.3	NA	53.0	67.2	67.6	60.3	61.3	—	60.5
February 1994	60.4	60.6	57.1	51.7	—	52.3	66.8	66.7	60.0	62.2	—	60.6
March 1993	71.8	72.6	—	—	—	63.8	78.0	78.4	—	—	—	71.2
Kansas												
March 1994	60.8	60.9	54.1	50.9	47.9	51.0	68.2	68.3	58.9	57.1	—	58.3
February 1994	60.4	60.4	53.4	50.0	46.6	49.9	67.8	67.9	59.3	NA	—	60.3
March 1993	71.3	71.6	—	—	—	60.8	79.2	79.4	—	—	—	69.3
Kentucky												
March 1994	63.8	63.1	57.7	50.4	—	52.8	72.9	71.9	61.9	54.9	—	57.6
February 1994	62.9	62.3	55.8	49.8	W	51.7	71.3	70.3	61.5	54.2	—	56.9
March 1993	66.3	67.9	—	—	—	62.2	77.8	77.2	—	—	—	67.2
Michigan												
March 1994	60.5	60.3	53.5	48.5	—	50.8	68.1	68.1	58.0	53.1	—	56.4
February 1994	62.7	62.2	54.8	50.1	—	52.2	70.1	69.9	59.8	54.7	—	58.2
March 1993	68.2	68.1	—	—	—	60.5	74.8	74.8	—	—	—	66.2
Minnesota												
March 1994	70.4	69.9	59.7	54.9	W	55.7	75.4	74.9	63.3	60.0	—	61.6
February 1994	71.8	71.1	59.3	54.3	W	55.0	76.8	76.1	63.4	59.6	—	61.5
March 1993	79.3	79.1	—	—	—	65.6	86.2	85.7	—	—	—	72.5
Missouri												
March 1994	58.4	58.6	54.4	50.0	W	51.0	67.4	67.4	60.0	54.3	—	58.0
February 1994	58.8	58.7	54.7	49.6	W	50.7	68.1	68.1	61.2	54.4	—	58.6
March 1993	66.9	67.5	—	—	—	61.9	75.4	75.8	—	—	—	68.2

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Subdistrict IC												
March 1994	79.9	79.1	70.1	59.7	W	64.2	66.1	65.7	61.1	52.5	49.0	55.7
February 1994	79.7	78.9	69.9	59.0	56.4	63.8	65.8	65.4	60.8	51.8	48.6	55.2
March 1993	88.3	87.4	—	—	—	74.4	74.0	73.7	—	—	—	65.5
Florida												
March 1994	82.0	81.2	71.9	60.4	W	67.2	68.2	67.7	63.1	52.9	48.3	57.4
February 1994	81.3	80.5	72.3	59.7	W	67.1	67.2	66.8	63.0	52.3	W	57.2
March 1993	91.0	89.8	—	—	—	78.0	76.3	76.4	—	—	—	67.8
Georgia												
March 1994	77.0	76.4	66.3	59.4	W	61.9	63.5	63.3	57.9	52.3	W	54.2
February 1994	77.3	76.7	65.4	58.4	—	61.2	63.9	63.6	57.3	51.3	W	53.4
March 1993	86.8	86.3	—	—	—	73.5	72.4	72.3	—	—	—	65.2
North Carolina												
March 1994	77.4	76.7	69.3	59.6	W	62.5	63.9	63.2	60.1	52.5	W	54.8
February 1994	77.4	76.7	68.4	59.2	NA	62.0	63.6	63.0	59.4	52.1	48.9	54.3
March 1993	84.5	83.9	—	—	—	70.9	71.2	70.8	—	—	—	63.4
South Carolina												
March 1994	78.3	78.1	67.2	59.8	—	61.8	63.2	63.3	58.9	52.3	45.3	53.7
February 1994	78.4	77.8	66.0	58.6	W	59.9	62.8	62.6	57.5	51.1	46.6	52.5
March 1993	85.4	84.9	—	—	—	71.1	69.7	69.6	—	—	—	63.9
Virginia												
March 1994	81.3	80.3	70.2	59.1	W	64.4	67.7	67.1	61.9	52.5	W	56.5
February 1994	81.4	80.4	70.9	58.4	W	64.3	67.9	67.3	62.9	51.9	47.9	56.2
March 1993	89.4	88.4	—	—	—	73.3	75.3	75.0	—	—	—	65.4
West Virginia												
March 1994	83.6	82.1	73.4	58.8	—	66.0	71.9	71.0	63.7	52.5	W	58.0
February 1994	83.8	82.4	73.0	61.1	—	67.9	72.9	71.9	63.5	52.9	W	58.5
March 1993	90.6	88.9	—	—	—	76.0	78.4	77.5	—	—	—	66.8
PAD District II												
March 1994	76.5	75.9	66.8	58.2	53.4	61.6	64.9	64.7	58.2	51.7	47.6	53.6
February 1994	74.5	74.1	67.5	58.0	52.7	61.6	65.6	65.3	58.7	51.6	46.8	53.5
March 1993	82.0	81.8	—	—	—	71.3	72.9	72.9	—	—	—	63.4
Illinois												
March 1994	75.6	75.3	68.7	58.9	W	62.8	64.0	64.0	59.8	50.2	46.2	53.8
February 1994	72.1	72.0	69.9	58.7	W	63.1	65.3	65.2	61.0	51.0	47.6	54.5
March 1993	83.6	83.2	—	—	—	73.1	74.1	73.9	—	—	—	63.6
Indiana												
March 1994	74.9	74.5	65.8	57.1	W	60.8	65.1	64.8	57.5	50.1	46.4	52.4
February 1994	71.8	71.7	66.7	57.7	W	61.4	65.4	65.1	58.3	50.5	46.1	53.2
March 1993	76.8	77.2	—	—	—	70.4	71.8	71.8	—	—	—	62.2
Iowa												
March 1994	71.8	71.8	68.2	60.5	—	62.2	62.2	62.6	59.5	52.9	NA	53.8
February 1994	70.0	69.9	67.1	60.0	—	61.6	61.5	61.6	58.7	52.4	—	53.3
March 1993	81.3	81.7	—	—	—	71.9	72.8	73.4	—	—	—	64.5
Kansas												
March 1994	73.2	72.7	63.1	58.2	W	59.3	62.6	62.5	55.6	51.7	48.0	52.0
February 1994	73.1	72.6	61.9	57.4	W	58.7	62.2	62.2	55.1	51.1	46.6	51.1
March 1993	84.8	84.4	—	—	—	69.4	73.1	73.4	—	—	—	61.7
Kentucky												
March 1994	81.4	80.3	70.1	59.7	W	63.0	68.9	68.1	61.3	52.9	W	55.7
February 1994	79.8	78.8	68.5	58.8	—	62.4	67.8	67.0	59.7	52.2	W	54.7
March 1993	84.9	84.2	—	—	—	72.7	72.9	72.4	—	—	—	64.9
Michigan												
March 1994	75.1	74.3	63.8	58.9	—	60.7	63.7	63.4	56.0	50.1	—	53.0
February 1994	72.2	71.8	65.5	58.5	—	62.3	65.7	65.2	57.5	51.7	—	54.6
March 1993	80.0	79.7	—	—	—	70.8	70.8	70.6	—	—	—	62.6
Minnesota												
March 1994	84.8	84.4	70.7	62.3	W	64.1	72.4	71.8	61.5	56.0	W	57.1
February 1994	85.6	85.3	70.8	61.4	W	63.2	73.9	73.2	61.3	55.4	W	56.6
March 1993	90.2	90.0	—	—	—	74.0	81.1	81.0	—	—	—	66.7
Missouri												
March 1994	75.0	74.3	65.3	57.9	—	60.4	61.6	61.5	57.0	51.3	W	52.9
February 1994	73.6	73.0	66.5	57.4	—	60.5	62.1	61.9	57.4	51.0	W	52.7
March 1993	78.3	78.5	—	—	—	70.9	69.8	70.2	—	—	—	63.6

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Nebraska												
March 1994	67.8	67.2	58.5	52.1	—	53.3	73.0	72.7	64.6	60.5	—	61.4
February 1994	66.9	66.5	57.4	51.1	—	52.3	73.6	73.2	66.5	61.1	—	63.2
March 1993	75.7	75.1	—	—	—	64.3	82.8	81.4	—	—	—	72.0
North Dakota												
March 1994	73.6	72.9	60.6	54.0	—	54.9	80.3	76.5	W	63.1	—	64.7
February 1994	74.7	73.9	60.3	53.2	W	54.1	82.2	77.3	69.0	62.2	—	63.9
March 1993	84.0	82.9	—	—	—	65.8	90.5	89.8	—	—	—	77.1
Ohio												
March 1994	62.3	62.0	54.7	48.8	47.5	51.3	70.6	70.0	61.3	53.9	NA	58.9
February 1994	62.3	62.0	55.2	49.1	W	51.6	70.8	70.2	62.0	54.2	NA	59.5
March 1993	68.1	68.1	—	—	—	61.3	75.7	75.5	—	—	—	67.0
Oklahoma												
March 1994	57.3	57.4	55.7	49.4	47.3	49.9	64.4	64.5	60.0	52.9	NA	57.7
February 1994	56.0	56.2	56.3	48.2	45.7	48.2	63.6	63.8	60.7	51.8	NA	57.3
March 1993	69.1	68.8	—	—	—	60.2	76.3	76.2	—	—	—	65.5
South Dakota												
March 1994	68.6	68.4	62.4	52.9	W	54.7	74.7	74.4	66.2	W	—	60.4
February 1994	68.2	68.0	56.9	51.8	W	52.8	75.8	75.8	65.1	W	—	60.0
March 1993	77.2	77.0	—	—	—	65.8	81.2	82.2	—	—	—	71.5
Tennessee												
March 1994	58.1	57.8	55.9	49.4	W	50.7	68.1	67.6	61.3	54.3	—	56.4
February 1994	58.1	57.7	54.8	48.0	W	49.3	68.4	67.8	60.7	52.9	—	55.2
March 1993	66.1	65.9	—	—	—	60.5	77.2	76.8	—	—	—	65.8
Wisconsin												
March 1994	61.9	61.7	53.6	49.5	W	50.6	70.2	70.0	58.6	54.8	—	56.3
February 1994	64.1	63.6	54.5	50.7	W	51.7	72.2	71.9	60.5	56.4	—	58.1
March 1993	71.4	71.5	—	—	—	60.2	79.3	79.3	—	—	—	66.3
PAD District III												
March 1994	60.8	60.5	55.4	49.6	44.5	49.5	70.3	69.7	60.2	53.5	NA	56.1
February 1994	60.7	60.4	54.2	48.0	43.1	47.9	70.2	69.5	59.4	52.5	W	55.4
March 1993	70.6	70.2	—	—	—	59.6	79.5	78.7	—	—	—	66.1
Alabama												
March 1994	62.8	62.2	59.8	49.1	W	50.4	71.3	70.9	64.8	54.1	W	57.3
February 1994	62.5	61.9	59.0	48.2	W	50.9	70.8	70.2	64.6	53.0	—	56.6
March 1993	69.6	69.4	—	—	—	61.3	78.9	78.0	—	—	—	66.6
Arkansas												
March 1994	60.0	59.5	52.9	49.4	W	50.5	69.7	68.9	55.7	53.8	—	54.7
February 1994	59.7	59.1	52.1	48.1	—	49.3	69.8	68.8	55.3	52.5	—	53.8
March 1993	69.3	69.5	—	—	—	60.5	77.9	78.1	—	—	—	65.0
Louisiana												
March 1994	60.6	60.2	59.8	49.0	43.5	48.8	71.4	70.4	65.4	53.8	W	57.3
February 1994	60.7	60.0	59.2	47.4	42.0	47.1	71.5	70.1	64.6	52.7	—	56.8
March 1993	69.7	69.5	—	—	—	59.4	80.0	79.6	—	—	—	68.0
Mississippi												
March 1994	61.0	60.4	56.4	49.0	W	50.6	70.1	69.3	61.8	53.7	—	55.3
February 1994	60.9	60.3	54.8	47.7	43.9	48.7	69.9	69.2	60.6	52.5	—	54.4
March 1993	69.6	69.6	—	—	—	58.8	78.0	77.4	—	—	—	64.9
New Mexico												
March 1994	67.6	67.4	59.3	54.6	—	55.8	72.9	72.8	64.1	56.5	—	60.8
February 1994	67.7	67.5	59.0	54.1	—	55.4	74.6	74.2	64.8	59.7	—	61.5
March 1993	84.4	83.6	—	—	—	69.7	90.4	89.0	—	—	—	75.5
Texas												
March 1994	59.7	59.6	54.4	49.4	44.9	48.9	69.7	69.3	59.2	53.1	NA	55.8
February 1994	59.6	59.4	53.0	47.6	43.2	47.0	69.7	69.2	58.3	52.1	W	55.0
March 1993	70.0	69.4	—	—	—	58.9	79.7	78.7	—	—	—	65.6
PAD District IV												
March 1994	67.9	67.6	57.9	54.1	W	55.0	77.6	76.7	61.5	57.4	W	59.7
February 1994	69.1	68.7	57.6	53.4	W	54.5	78.3	77.4	62.5	57.0	—	59.9
March 1993	75.5	75.3	—	—	—	65.3	83.0	82.8	—	—	—	70.8
Colorado												
March 1994	71.2	70.8	59.7	54.4	—	55.6	82.2	81.0	63.6	57.7	—	60.9
February 1994	73.6	73.0	60.6	55.0	—	56.4	83.3	82.2	65.2	58.7	—	62.5
March 1993	77.0	76.7	—	—	—	65.1	85.1	84.8	—	—	—	71.1

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Nebraska												
March 1994	77.4	77.2	68.1	59.8	—	62.0	69.3	68.6	59.5	52.8	—	54.1
February 1994	77.7	77.4	65.1	58.7	—	60.8	68.7	68.1	59.0	51.9	—	53.4
March 1993	85.2	85.0	—	—	—	72.6	78.8	78.2	—	—	—	65.0
North Dakota												
March 1994	81.0	81.9	73.7	62.7	—	65.0	74.4	73.8	62.6	54.9	—	56.0
February 1994	83.4	84.0	73.8	61.6	—	64.1	75.5	74.9	62.6	54.3	W	55.5
March 1993	93.2	90.0	—	—	—	77.2	85.1	83.7	—	—	—	66.6
Ohio												
March 1994	77.8	77.1	67.1	57.4	NA	62.8	66.3	65.8	57.9	50.4	47.7	53.9
February 1994	74.9	74.7	67.6	57.5	NA	63.1	66.4	66.1	58.6	50.8	NA	54.4
March 1993	80.2	80.0	—	—	—	71.2	71.4	71.3	—	—	—	63.4
Oklahoma												
March 1994	70.3	69.8	63.9	56.6	NA	58.5	59.9	59.9	57.3	50.6	47.5	51.1
February 1994	69.1	68.6	63.6	55.3	53.1	57.1	58.7	58.7	57.9	49.4	45.9	49.3
March 1993	82.2	81.3	—	—	—	68.2	71.5	71.2	—	—	—	61.1
South Dakota												
March 1994	86.4	84.0	71.1	61.8	—	63.5	70.9	70.5	63.3	53.9	W	55.8
February 1994	83.5	81.1	68.2	60.4	—	62.1	71.1	70.7	58.6	52.7	W	53.9
March 1993	89.8	88.1	—	—	—	74.4	78.2	78.2	—	—	—	66.4
Tennessee												
March 1994	77.6	76.8	70.2	59.2	—	61.9	64.3	63.9	60.7	52.5	W	54.3
February 1994	76.9	76.1	69.6	57.9	—	60.6	64.3	63.8	59.9	51.0	W	52.9
March 1993	85.9	85.0	—	—	—	71.4	72.2	71.7	—	—	—	63.8
Wisconsin												
March 1994	76.0	75.3	63.7	57.8	W	59.7	64.4	64.0	55.6	50.9	W	52.2
February 1994	77.7	76.8	65.8	59.5	W	61.5	66.7	66.1	56.8	52.4	W	53.6
March 1993	84.1	84.1	—	—	—	69.3	73.5	73.6	—	—	—	61.7
PAD District III												
March 1994	78.6	77.6	67.1	58.4	49.6	60.2	65.7	65.1	58.7	51.6	45.0	52.0
February 1994	78.5	77.4	66.3	57.1	47.7	57.8	65.5	65.0	57.5	50.2	43.8	50.4
March 1993	87.7	86.3	—	—	—	70.0	75.2	74.5	—	—	—	61.9
Alabama												
March 1994	80.6	79.3	71.8	59.5	—	63.0	68.3	67.5	63.8	52.2	W	54.2
February 1994	80.2	78.9	71.1	58.5	—	62.2	67.8	67.1	63.1	51.2	W	54.4
March 1993	87.4	86.0	—	—	—	72.7	74.4	74.0	—	—	—	64.5
Arkansas												
March 1994	76.3	75.0	62.0	58.0	W	59.5	63.7	63.0	55.3	51.5	W	52.8
February 1994	77.8	75.9	61.0	56.0	—	57.7	63.7	62.8	54.4	50.1	—	51.5
March 1993	86.0	85.3	—	—	—	69.3	72.8	72.8	—	—	—	62.5
Louisiana												
March 1994	80.1	78.1	72.4	58.2	47.7	60.7	66.6	65.9	64.7	51.7	44.1	52.3
February 1994	79.9	77.5	72.4	56.5	47.1	59.1	66.7	65.6	64.1	50.1	42.6	50.6
March 1993	88.2	84.9	—	—	—	72.8	75.2	74.5	—	—	—	62.8
Mississippi												
March 1994	78.6	77.0	67.9	58.9	—	60.9	66.1	65.3	59.6	51.7	W	53.4
February 1994	79.3	77.9	66.3	57.8	48.8	55.9	66.0	65.3	58.0	50.2	46.8	51.2
March 1993	86.3	85.5	—	—	—	67.3	74.1	73.9	—	—	—	61.0
New Mexico												
March 1994	80.5	80.3	70.0	63.6	—	65.1	69.3	69.1	60.7	55.7	—	56.9
February 1994	81.2	80.8	70.0	62.4	—	64.2	69.6	69.3	60.5	55.3	—	56.7
March 1993	97.7	95.9	—	—	—	79.0	85.9	85.1	—	—	—	70.8
Texas												
March 1994	77.7	77.2	65.8	57.7	50.0	59.1	64.7	64.3	57.4	51.2	45.4	51.1
February 1994	77.6	76.9	64.9	56.6	47.5	56.6	64.5	64.1	56.1	49.5	43.8	49.2
March 1993	87.7	86.4	—	—	—	68.8	74.8	73.9	—	—	—	60.9
PAD District IV												
March 1994	83.0	81.8	66.4	61.6	66.7	63.0	71.2	70.7	59.9	55.6	63.6	56.8
February 1994	83.2	81.9	66.1	61.3	W	62.8	72.2	71.6	59.7	54.9	W	56.3
March 1993	88.4	87.4	—	—	—	73.2	78.2	77.8	—	—	—	66.7
Colorado												
March 1994	90.8	89.5	69.5	61.5	—	63.4	75.4	74.7	62.2	55.9	—	57.5
February 1994	92.2	91.1	70.4	62.7	—	64.9	77.4	76.7	63.0	58.4	—	58.3
March 1993	93.3	91.7	—	—	—	73.1	80.4	79.9	—	—	—	66.7

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Idaho												
March 1994	63.4	63.4	56.5	53.0	—	54.2	NA	66.6	56.8	W	—	54.7
February 1994	64.4	63.9	56.1	51.7	—	53.3	NA	65.2	W	W	—	51.9
March 1993	71.3	71.7	—	—	—	65.4	W	79.8	—	—	—	W
Montana												
March 1994	70.2	70.5	64.8	57.1	W	58.1	67.7	74.7	—	W	—	W
February 1994	70.8	71.1	62.7	56.0	W	56.9	W	76.9	—	W	—	W
March 1993	76.4	76.8	—	—	—	65.2	W	W	—	—	—	—
Utah												
March 1994	59.6	59.7	54.3	50.9	W	52.0	65.6	65.6	58.2	53.9	W	57.9
February 1994	58.5	58.7	53.7	49.3	W	50.7	64.3	64.3	57.9	53.4	—	56.4
March 1993	71.9	72.0	—	—	—	65.4	76.9	77.0	—	—	—	69.5
Wyoming												
March 1994	70.8	70.5	59.6	55.6	—	56.3	76.0	75.0	62.0	W	—	69.1
February 1994	72.2	71.4	58.0	53.6	—	54.7	75.6	73.5	W	W	—	62.8
March 1993	78.9	78.5	—	—	—	66.1	83.3	83.3	—	—	—	W
PAD District V												
March 1994	71.1	70.6	61.4	53.0	48.4	57.5	77.2	76.4	67.8	57.4	W	62.5
February 1994	71.0	70.5	61.1	52.7	47.4	56.9	77.2	76.4	67.2	57.2	W	64.4
March 1993	79.8	79.4	—	—	—	69.3	86.7	86.0	—	—	—	78.1
Alaska												
March 1994	106.9	102.1	75.8	67.9	W	72.6	W	NA	79.7	—	—	79.7
February 1994	106.5	101.4	75.8	67.6	W	71.4	W	130.2	W	—	—	W
March 1993	NA	103.6	—	—	—	79.2	—	—	—	—	—	—
Arizona												
March 1994	78.1	77.4	69.0	58.1	W	64.8	87.4	86.9	66.5	W	—	62.9
February 1994	79.0	78.1	69.1	56.3	W	63.7	88.6	88.1	64.8	W	—	58.9
March 1993	83.3	83.1	—	—	—	75.4	88.6	88.6	—	—	—	74.8
California												
March 1994	65.4	65.3	60.1	51.3	48.0	56.1	74.9	74.3	67.3	57.3	W	61.9
February 1994	64.9	65.1	59.3	51.2	48.1	55.5	74.8	74.2	66.8	57.2	W	64.1
March 1993	80.3	79.7	—	—	—	70.8	86.5	85.9	—	—	—	78.2
Hawaii												
March 1994	105.1	96.6	84.9	75.3	W	69.1	107.0	97.3	89.7	84.6	—	89.5
February 1994	104.2	95.4	84.1	74.9	—	82.6	106.2	96.6	89.2	85.9	—	89.1
March 1993	103.2	95.1	—	—	—	92.8	111.2	100.6	—	—	—	99.6
Nevada												
March 1994	76.6	74.9	60.4	54.0	W	57.3	84.3	83.3	67.8	59.4	—	64.6
February 1994	76.3	74.7	61.0	54.1	W	57.6	83.6	83.0	66.3	58.7	—	63.6
March 1993	80.6	80.2	—	—	—	65.5	81.0	80.9	—	—	—	71.3
Oregon												
March 1994	72.9	72.4	60.8	53.9	W	57.7	NA	78.2	68.2	—	—	68.2
February 1994	74.9	73.8	62.7	53.7	W	57.5	NA	80.8	63.8	W	—	60.7
March 1993	78.3	78.4	—	—	—	64.4	W	W	—	—	—	W
Washington												
March 1994	68.1	67.8	59.1	53.9	—	56.7	76.9	73.3	62.2	W	—	61.0
February 1994	68.3	68.1	60.8	54.3	W	56.0	71.9	70.4	62.7	59.1	—	61.6
March 1993	68.2	68.5	—	—	—	59.4	W	85.5	—	—	—	70.2

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Idaho												
March 1994	74.5	74.3	65.2	61.1	—	62.7	64.8	64.7	58.0	54.1	—	55.5
February 1994	73.6	73.3	64.6	59.9	—	61.8	65.6	65.0	57.5	52.9	—	54.6
March 1993	81.5	81.8	—	—	—	73.4	72.2	72.7	—	—	—	66.3
Montana												
March 1994	79.2	78.9	71.9	65.9	—	66.6	71.5	71.6	65.9	58.7	W	59.6
February 1994	80.2	79.9	70.9	64.8	—	65.5	72.3	72.3	64.0	57.6	W	58.4
March 1993	81.9	82.7	—	—	—	73.2	77.1	77.5	—	—	—	66.5
Utah												
March 1994	73.3	72.9	63.0	58.7	68.7	60.5	63.2	63.3	56.8	52.8	63.7	54.4
February 1994	71.8	71.6	62.3	57.9	W	59.6	61.9	62.1	56.1	51.2	W	53.0
March 1993	82.2	81.9	—	—	—	73.0	74.7	74.7	—	—	—	67.1
Wyoming												
March 1994	82.7	81.6	66.9	63.6	—	64.3	72.8	72.2	61.0	56.9	—	57.7
February 1994	83.5	81.9	66.1	62.0	—	63.2	74.0	73.0	59.5	55.0	—	56.2
March 1993	88.4	87.2	—	—	—	73.7	80.2	79.6	—	—	—	67.2
PAD District V												
March 1994	90.0	89.1	75.5	65.2	53.9	72.9	74.6	74.0	65.3	54.9	48.9	60.8
February 1994	89.5	88.3	74.9	64.7	57.0	72.1	74.5	73.8	64.6	54.5	48.1	60.2
March 1993	97.3	96.2	—	—	—	85.5	82.4	82.0	—	—	—	72.7
Alaska												
March 1994	108.3	105.7	85.9	77.9	—	83.3	107.7	102.9	77.0	68.7	W	73.8
February 1994	109.1	105.7	86.1	76.4	—	82.3	107.3	102.3	77.2	68.5	W	72.7
March 1993	109.1	104.8	—	—	—	85.9	107.7	104.2	—	—	—	80.0
Arizona												
March 1994	96.2	95.6	81.1	71.3	W	78.3	80.8	80.1	71.0	59.5	W	66.8
February 1994	96.4	95.9	81.4	68.2	—	77.9	81.6	80.7	71.1	57.6	W	65.6
March 1993	99.3	99.2	—	—	—	87.3	84.6	84.5	—	—	—	76.9
California												
March 1994	85.6	84.9	74.3	62.9	52.5	71.8	70.1	69.8	64.4	53.4	48.6	59.9
February 1994	84.9	84.1	73.1	62.6	56.9	70.5	69.5	69.4	63.2	53.1	49.0	59.1
March 1993	98.6	97.3	—	—	—	87.7	84.2	83.5	—	—	—	74.9
Hawaii												
March 1994	123.3	112.4	97.6	87.9	—	96.3	110.0	100.8	89.8	79.5	W	77.6
February 1994	121.8	110.8	97.0	88.3	—	95.9	108.9	99.5	89.2	79.3	—	87.8
March 1993	119.3	110.9	—	—	—	106.4	108.6	100.0	—	—	—	98.2
Nevada												
March 1994	96.3	95.4	75.4	66.5	W	71.9	80.2	78.4	63.6	56.0	W	59.9
February 1994	94.9	94.2	75.5	66.2	W	72.1	80.0	78.3	63.9	55.8	W	60.2
March 1993	97.1	96.9	—	—	—	78.5	83.1	82.7	—	—	—	68.1
Oregon												
March 1994	91.5	91.1	76.4	68.7	W	73.3	75.5	74.9	63.2	55.8	W	60.0
February 1994	92.3	91.1	78.0	68.7	W	74.4	77.5	76.3	65.2	55.6	W	59.8
March 1993	95.4	94.7	—	—	—	77.3	79.4	79.4	—	—	—	65.7
Washington												
March 1994	85.9	85.3	74.2	66.6	W	71.3	70.9	70.6	61.9	55.7	W	59.2
February 1994	86.3	85.7	76.1	66.1	W	72.5	71.1	70.8	64.0	56.1	40.3	58.9
March 1993	84.7	84.2	—	—	—	72.2	69.7	70.0	—	—	—	61.5

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

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

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

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

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
March 1994	62.3	62.1	58.9	50.1	45.7	51.8	70.9	70.3	62.5	54.1	NA	58.2
February 1994	62.1	61.9	58.1	49.4	44.7	50.6	70.7	70.2	61.8	53.6	NA	57.6
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District I												
March 1994	60.9	60.6	56.1	49.2	45.2	51.2	71.3	70.5	62.2	53.6	W	57.9
February 1994	60.9	60.5	55.5	48.6	44.7	50.5	71.1	70.4	61.6	53.1	NA	57.1
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict 1A												
March 1994	65.1	64.2	58.0	49.5	44.9	51.8	75.8	74.1	64.6	53.4	W	59.5
February 1994	65.3	64.3	58.3	49.5	44.4	51.8	75.8	74.2	64.7	53.6	W	59.7
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut												
March 1994	64.2	63.3	58.7	49.2	W	52.6	75.4	72.6	64.9	53.1	-	58.5
February 1994	64.2	63.1	58.9	48.8	W	50.5	75.5	72.5	65.8	53.2	-	59.0
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
March 1994	69.2	68.6	58.0	51.5	48.0	52.7	78.4	76.9	63.5	55.4	-	57.7
February 1994	69.2	68.5	57.8	51.6	47.9	52.6	78.0	76.8	62.3	55.3	-	57.3
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
March 1994	62.6	61.5	57.3	48.7	44.1	50.6	74.4	72.7	64.4	52.7	W	59.9
February 1994	62.6	61.6	57.7	49.0	44.2	51.1	74.5	72.9	64.4	52.9	W	60.2
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire												
March 1994	67.1	66.7	58.3	49.3	W	55.6	77.2	76.8	66.3	52.0	-	63.6
February 1994	68.0	67.6	58.6	49.8	W	56.0	77.5	77.0	65.8	51.2	-	63.5
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
March 1994	65.1	64.2	55.5	48.6	45.9	50.0	74.7	73.6	61.5	52.4	-	58.8
February 1994	66.0	64.9	56.0	48.6	W	50.2	74.5	73.6	62.4	52.8	-	57.4
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
March 1994	71.6	70.4	63.3	51.4	-	60.0	81.3	78.4	69.0	56.1	-	65.7
February 1994	71.5	70.0	63.5	52.2	-	60.6	81.3	78.7	68.1	56.7	-	65.0
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict 1B												
March 1994	61.9	61.2	55.4	48.0	44.7	50.2	70.9	69.8	61.5	52.2	W	57.9
February 1994	62.5	62.0	54.5	47.8	44.2	49.2	71.1	70.1	60.4	51.8	W	56.1
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Delaware												
March 1994	59.1	58.6	54.8	47.9	W	51.2	70.5	69.3	61.1	51.9	-	56.6
February 1994	59.5	58.8	54.8	46.6	W	49.9	70.0	69.1	61.3	50.2	-	55.5
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
March 1994	W	53.4	60.2	W	-	60.1	W	60.4	66.2	W	-	65.4
February 1994	-	-	-	W	-	W	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
March 1994	60.5	58.1	56.8	48.4	W	53.9	71.0	68.7	62.9	52.9	W	60.3
February 1994	61.2	60.8	53.6	46.0	W	48.9	68.7	68.0	59.9	54.4	-	57.0
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey												
March 1994	64.8	64.2	55.9	46.4	44.2	46.3	77.3	76.4	61.2	51.7	-	57.8
February 1994	-	-	-	46.0	44.3	44.4	-	-	-	50.6	-	50.6
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New York												
March 1994	64.2	63.4	54.5	49.1	45.9	50.9	73.8	71.6	60.1	53.3	W	56.7
February 1994	64.9	64.0	54.9	48.9	44.8	51.0	75.3	73.0	60.9	53.4	W	57.2
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania												
March 1994	60.1	60.0	54.8	47.5	45.0	50.2	69.3	68.8	60.4	51.6	-	56.5
February 1994	60.5	60.5	54.3	47.2	43.6	49.4	69.4	68.9	60.1	51.1	-	55.7
March 1993	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
March 1994	79.5	78.7	70.1	59.2	50.9	63.7	66.6	66.1	60.7	52.1	46.3	54.7
February 1994	78.0	77.3	69.1	58.4	49.2	61.9	66.4	66.0	59.9	51.4	45.2	53.4
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District I												
March 1994	80.4	79.4	69.9	59.2	50.8	63.8	66.8	66.2	60.8	52.0	46.1	55.1
February 1994	80.2	79.3	69.5	58.6	50.7	62.7	66.6	66.1	60.2	51.4	45.7	54.2
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Subdistrict 1A												
March 1994	84.2	82.1	71.6	59.3	54.0	65.2	70.8	69.6	62.5	52.2	45.4	55.6
February 1994	84.3	82.4	72.0	59.7	52.7	64.5	71.1	69.9	62.9	52.4	45.8	55.7
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Connecticut												
March 1994	84.6	83.0	72.4	59.7	—	65.4	70.7	69.3	63.2	52.4	W	56.5
February 1994	84.5	82.9	72.8	59.8	—	65.7	70.7	69.1	63.7	52.2	W	54.8
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Maine												
March 1994	85.5	83.9	69.7	61.4	W	62.7	73.2	72.5	60.7	53.9	49.1	55.1
February 1994	85.2	84.1	69.9	61.7	W	63.8	73.3	72.5	60.7	54.2	49.3	55.4
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts												
March 1994	83.3	80.3	71.3	58.6	W	65.3	69.2	67.6	62.3	51.5	44.6	54.7
February 1994	83.3	80.7	71.8	59.0	W	63.3	69.3	67.9	62.7	51.8	46.3	55.3
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
New Hampshire												
March 1994	85.9	85.3	72.2	58.6	—	68.7	72.2	71.7	62.7	51.5	W	59.7
February 1994	86.6	86.3	73.1	59.1	—	69.5	73.1	72.7	63.2	52.0	W	60.2
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Rhode Island												
March 1994	82.5	81.9	68.9	58.2	—	62.7	71.1	70.1	60.1	51.5	45.9	53.6
February 1994	82.9	82.2	69.5	58.7	—	63.2	72.0	71.0	60.8	51.7	W	54.3
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Vermont												
March 1994	89.2	87.4	77.0	60.6	—	72.7	76.2	74.7	67.0	53.9	—	63.5
February 1994	89.0	86.5	76.3	62.1	—	72.6	76.4	74.6	67.2	55.1	—	64.0
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Subdistrict 1B												
March 1994	80.2	78.8	69.0	57.9	49.1	62.3	66.9	65.9	59.9	50.5	45.5	53.8
February 1994	79.9	79.0	67.0	57.2	48.8	59.2	67.0	66.4	57.8	50.2	45.0	51.8
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Delaware												
March 1994	79.1	78.2	68.8	57.9	—	63.6	65.2	64.4	59.1	50.7	W	54.8
February 1994	78.9	78.2	68.3	56.8	—	61.8	65.4	64.5	58.7	49.5	W	53.2
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
District of Columbia												
March 1994	W	66.3	73.5	W	—	73.4	W	58.8	68.2	W	—	68.0
February 1994	—	—	—	W	—	W	—	—	—	W	—	W
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Maryland												
March 1994	77.4	74.3	69.7	58.0	W	66.8	66.0	63.2	61.9	51.5	W	58.7
February 1994	75.8	75.2	64.9	58.0	—	61.2	65.8	65.2	57.3	49.2	W	52.5
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
New Jersey												
March 1994	85.6	84.5	69.5	55.6	48.5	56.0	73.3	72.5	61.1	48.7	45.0	49.0
February 1994	—	W	—	52.5	47.8	48.5	—	W	—	48.4	44.8	45.0
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
New York												
March 1994	83.7	81.7	68.2	59.5	W	62.0	68.5	67.4	57.2	51.1	46.1	53.2
February 1994	84.1	82.2	67.2	59.4	W	62.0	69.2	68.0	57.8	51.0	46.1	53.5
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Pennsylvania												
March 1994	77.9	77.4	68.6	57.4	W	62.1	65.3	65.1	59.0	50.2	45.9	53.6
February 1994	77.6	77.2	67.0	56.2	W	59.3	65.5	65.3	57.7	49.8	45.1	52.3
March 1993	—	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Subdistrict IC												
March 1994	59.8	59.6	56.0	49.6	47.5	51.6	70.6	70.2	62.0	54.1	W	57.7
February 1994	59.4	59.2	55.0	48.7	47.1	50.7	70.2	69.7	61.2	53.3	W	58.8
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Florida												
March 1994	61.5	61.4	56.6	50.0	46.6	52.3	73.4	72.7	63.2	54.2	W	59.0
February 1994	60.6	60.4	56.2	49.5	W	52.0	72.6	71.9	62.9	53.5	W	58.6
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Georgia												
March 1994	57.2	57.2	53.7	49.3	W	50.7	67.6	67.2	58.9	54.1	—	56.2
February 1994	57.5	57.5	53.1	48.3	W	49.8	67.9	67.5	58.2	53.4	—	55.5
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
North Carolina												
March 1994	58.4	57.9	56.3	49.5	W	51.6	67.5	67.2	62.1	54.1	W	56.9
February 1994	57.5	57.0	55.0	48.5	48.4	50.4	66.7	66.3	61.2	53.0	—	56.0
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
South Carolina												
March 1994	57.4	57.5	55.5	49.5	45.3	50.6	68.4	68.3	60.4	54.1	—	56.1
February 1994	56.7	56.7	54.1	48.4	45.7	49.6	68.1	67.9	59.2	53.0	W	54.5
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Virginia												
March 1994	60.7	60.3	56.7	49.4	W	52.2	71.7	71.2	—	53.9	W	58.5
February 1994	60.8	60.5	54.9	48.6	45.9	50.4	70.5	70.2	61.1	53.0	—	56.4
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
West Virginia												
March 1994	67.3	66.6	59.4	50.1	W	54.2	77.2	76.0	65.4	54.3	—	60.7
February 1994	68.5	67.6	58.9	50.2	W	54.4	78.3	77.2	64.6	54.5	—	60.4
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District II												
March 1994	61.6	61.5	55.1	50.0	47.3	51.3	69.5	69.2	60.8	54.7	NA	58.1
February 1994	62.2	62.0	55.4	50.0	46.5	51.2	70.0	69.7	61.6	54.9	NA	58.7
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Illinois												
March 1994	60.9	60.9	55.3	48.6	46.0	50.5	68.1	68.0	62.4	54.3	—	60.3
February 1994	62.4	62.3	56.3	49.5	47.4	51.3	68.8	68.7	63.3	55.7	—	61.5
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Indiana												
March 1994	61.3	61.4	54.2	48.1	46.2	49.8	69.1	68.6	59.9	53.7	—	57.4
February 1994	61.9	61.8	54.9	48.5	46.0	50.3	69.7	68.9	60.9	54.0	—	58.2
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Iowa												
March 1994	61.1	61.6	58.1	52.3	NA	53.0	67.2	67.6	60.3	61.3	—	60.5
February 1994	60.4	60.6	57.1	51.7	—	52.3	66.8	66.7	60.0	62.2	—	60.6
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Kansas												
March 1994	60.8	60.9	54.1	50.9	47.9	51.0	68.2	68.3	58.9	57.1	—	58.3
February 1994	60.4	60.4	53.4	50.0	46.6	49.9	67.8	67.9	59.3	NA	—	60.3
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Kentucky												
March 1994	63.8	63.1	57.7	50.4	—	52.8	72.9	71.9	61.9	54.9	—	57.6
February 1994	62.9	62.3	55.8	49.8	W	51.7	71.3	70.3	61.5	54.2	—	56.9
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Michigan												
March 1994	60.5	60.3	53.5	48.5	—	50.8	68.1	68.1	58.0	53.1	—	56.4
February 1994	62.7	62.2	54.8	50.1	—	52.2	70.1	69.9	59.8	54.7	—	58.2
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Minnesota												
March 1994	70.2	69.8	59.4	54.1	W	55.0	75.1	74.8	64.4	60.4	—	63.0
February 1994	71.4	70.9	59.2	53.5	W	54.4	75.6	75.1	65.0	60.5	—	63.2
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Missouri												
March 1994	58.4	58.6	54.4	50.0	W	51.0	67.4	67.4	60.0	54.3	—	58.0
February 1994	58.8	58.7	54.7	49.6	W	50.7	68.1	68.1	61.2	54.4	—	58.6
March 1993	—	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Subdistrict IC												
March 1994	79.8	79.1	70.0	59.7	W	64.2	66.0	65.6	61.0	52.5	49.0	55.6
February 1994	79.5	78.8	69.4	58.7	W	63.3	65.6	65.2	60.2	51.6	48.0	54.7
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Florida												
March 1994	82.0	81.2	71.9	60.4	W	67.2	68.2	67.7	63.1	52.9	48.3	57.4
February 1994	81.3	80.5	72.3	59.7	W	67.1	67.2	66.8	63.0	52.3	W	57.2
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Georgia												
March 1994	77.0	76.4	66.3	59.4	W	61.9	63.5	63.3	57.9	52.3	W	54.2
February 1994	77.3	76.7	65.4	58.4	—	61.2	63.9	63.6	57.3	51.3	W	53.4
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
North Carolina												
March 1994	77.4	76.7	69.4	59.6	W	62.4	63.9	63.3	60.1	52.5	W	54.8
February 1994	76.9	76.1	67.3	58.4	—	61.0	63.1	62.4	58.5	51.3	48.4	53.5
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
South Carolina												
March 1994	78.3	78.1	67.2	59.8	—	61.8	63.2	63.3	58.9	52.3	45.3	53.7
February 1994	78.4	77.8	66.0	58.6	W	59.9	62.8	62.6	57.5	51.1	46.6	52.5
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Virginia												
March 1994	80.7	79.7	70.1	59.1	W	64.3	67.2	66.6	61.7	52.4	W	56.4
February 1994	80.2	79.4	67.9	58.0	—	62.0	66.9	66.4	59.7	51.5	45.9	54.2
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
West Virginia												
March 1994	83.6	82.1	73.0	58.8	—	65.5	71.9	71.0	63.3	52.5	W	57.5
February 1994	83.9	82.4	72.2	61.1	—	67.2	72.9	71.9	62.7	52.9	W	57.9
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District II												
March 1994	76.4	75.9	66.8	58.2	53.4	61.5	64.9	64.6	58.1	51.5	47.6	53.5
February 1994	74.4	74.0	67.4	58.0	52.7	61.6	65.5	65.1	58.7	51.5	46.7	53.4
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Illinois												
March 1994	75.6	75.3	68.7	56.9	W	62.8	64.0	64.0	59.8	50.2	46.2	53.8
February 1994	72.1	72.0	69.9	56.7	W	63.1	65.3	65.2	61.0	51.0	47.6	54.5
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Indiana												
March 1994	74.9	74.5	65.8	57.1	W	60.8	65.1	64.8	57.5	50.1	46.4	52.4
February 1994	71.8	71.7	66.7	57.7	W	61.4	65.4	65.1	58.3	50.5	46.1	53.2
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Iowa												
March 1994	71.8	71.8	68.2	60.5	—	62.2	62.2	62.6	59.5	52.9	NA	53.8
February 1994	70.0	69.9	67.1	60.0	—	61.6	61.5	61.6	58.7	52.4	—	53.3
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Kansas												
March 1994	73.2	72.7	63.1	58.2	W	59.3	62.6	62.5	55.6	51.7	48.0	52.0
February 1994	73.1	72.6	61.9	57.4	W	58.7	62.2	62.2	55.1	51.1	46.6	51.1
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Kentucky												
March 1994	81.4	80.3	70.1	59.7	W	63.0	68.9	68.1	61.3	52.9	W	55.7
February 1994	79.8	78.8	68.5	58.8	—	62.4	67.8	67.0	59.7	52.2	W	54.7
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Michigan												
March 1994	75.1	74.3	63.8	56.9	—	60.7	63.7	63.4	58.0	50.1	—	53.0
February 1994	72.2	71.8	65.5	58.5	—	62.3	65.7	65.2	57.5	51.7	—	54.6
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Minnesota												
March 1994	85.1	84.9	71.6	62.2	W	64.4	72.3	71.8	61.3	54.9	W	56.2
February 1994	86.1	85.9	72.5	62.0	W	64.1	73.4	72.9	61.4	54.5	W	55.9
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Missouri												
March 1994	75.0	74.3	65.3	57.9	—	60.4	61.6	61.5	57.0	51.3	W	52.9
February 1994	73.6	73.0	66.5	57.4	—	60.5	62.1	61.9	57.4	51.0	W	52.7
March 1993	—	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Nebraska												
March 1994	67.8	67.2	58.5	52.1	—	53.3	73.0	72.7	64.6	60.5	—	61.4
February 1994	66.9	66.5	57.4	51.1	—	52.3	73.6	73.2	66.5	61.1	—	63.2
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
North Dakota												
March 1994	73.6	72.9	60.6	54.0	—	54.9	80.3	76.5	W	63.1	—	64.7
February 1994	74.7	73.9	60.3	53.2	W	54.1	82.2	77.3	69.0	62.2	—	63.9
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Ohio												
March 1994	62.3	62.0	54.6	48.8	47.5	51.3	70.6	70.0	61.1	53.9	NA	58.7
February 1994	62.3	62.0	55.0	49.1	W	51.5	70.8	70.2	61.8	54.2	NA	59.3
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Oklahoma												
March 1994	57.3	57.4	55.7	49.4	47.3	49.9	64.4	64.5	60.0	52.9	NA	57.7
February 1994	56.0	56.2	56.3	48.2	45.7	48.2	63.6	63.8	60.7	51.8	NA	57.3
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
South Dakota												
March 1994	68.6	68.4	62.4	52.9	W	54.7	74.7	74.4	66.2	W	—	60.4
February 1994	68.2	68.0	56.9	51.8	W	52.8	75.8	75.8	65.1	W	—	60.0
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Tennessee												
March 1994	58.1	57.8	55.9	49.4	W	50.7	68.1	67.6	61.3	54.3	—	56.4
February 1994	58.1	57.7	54.8	48.0	W	49.3	68.4	67.8	60.7	52.9	—	55.2
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Wisconsin												
March 1994	61.9	61.7	53.6	49.5	W	50.6	70.2	70.0	58.6	54.8	—	56.3
February 1994	64.1	63.6	54.5	50.7	W	51.7	72.2	71.9	60.5	56.4	—	58.1
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District III												
March 1994	60.6	60.3	55.4	49.4	44.5	49.4	70.2	69.6	60.1	53.5	NA	56.1
February 1994	60.3	60.0	54.1	47.8	43.1	47.7	70.0	69.4	59.3	52.4	W	55.3
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Alabama												
March 1994	62.8	62.2	59.8	49.1	W	50.4	71.3	70.9	64.8	54.1	W	57.3
February 1994	62.5	61.9	59.0	48.2	W	50.9	70.8	70.2	64.6	53.0	—	56.6
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Arkansas												
March 1994	60.0	59.5	52.9	49.4	W	50.5	69.7	68.9	55.7	53.8	—	54.7
February 1994	59.7	59.1	52.1	48.1	—	49.3	69.8	68.8	55.3	52.5	—	53.8
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Louisiana												
March 1994	60.6	60.2	59.8	49.0	43.5	48.8	71.4	70.4	65.4	53.8	W	57.3
February 1994	60.7	60.0	59.2	47.4	42.0	47.1	71.5	70.1	64.6	52.7	—	56.8
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Mississippi												
March 1994	61.0	60.4	56.4	49.0	W	50.6	70.1	69.3	61.8	53.7	—	55.3
February 1994	60.9	60.3	54.8	47.7	43.9	48.7	69.9	69.2	60.6	52.5	—	54.4
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
New Mexico												
March 1994	67.3	67.1	59.4	54.6	—	55.7	72.4	72.3	64.1	58.5	—	60.6
February 1994	66.6	66.5	59.0	53.0	—	54.4	72.2	71.6	65.1	57.4	—	61.6
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Texas												
March 1994	59.5	59.3	54.3	49.1	44.9	48.7	69.6	69.2	59.1	53.0	NA	55.7
February 1994	59.3	59.1	52.9	47.3	43.2	46.9	69.5	69.0	58.1	52.0	W	54.9
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District IV												
March 1994	67.5	67.3	57.9	53.8	W	54.8	76.5	75.5	61.5	57.4	W	59.7
February 1994	66.1	66.1	57.2	52.8	W	54.0	68.8	68.3	60.4	55.8	—	58.1
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Colorado												
March 1994	71.3	70.7	59.7	53.6	—	55.1	82.4	80.8	63.6	57.7	—	60.9
February 1994	74.8	74.0	60.7	54.3	—	56.0	81.8	79.8	63.5	57.5	—	60.5
March 1993	—	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Nebraska												
March 1994	77.4	77.2	68.1	59.8	—	62.0	69.3	66.6	59.5	52.8	—	54.1
February 1994	77.7	77.4	65.1	58.7	—	60.8	68.7	66.1	59.0	51.9	—	53.4
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
North Dakota												
March 1994	81.0	81.9	73.7	62.7	—	65.0	74.4	73.8	62.6	54.9	—	56.0
February 1994	83.4	84.0	73.8	61.6	—	64.1	75.5	74.9	62.6	54.3	W	55.5
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Ohio												
March 1994	77.6	77.1	68.9	57.4	NA	62.7	66.3	65.8	57.8	50.4	47.7	53.8
February 1994	74.9	74.7	67.4	57.5	NA	62.9	66.4	66.1	58.4	50.8	NA	54.3
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Oklahoma												
March 1994	70.3	69.8	63.9	56.6	NA	58.5	59.9	59.9	57.3	50.6	47.5	51.1
February 1994	69.1	68.6	63.6	55.3	53.1	57.1	58.7	58.7	57.9	49.4	45.9	49.3
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
South Dakota												
March 1994	86.4	84.0	71.1	61.8	—	63.5	70.9	70.5	63.3	53.9	W	55.8
February 1994	83.5	81.1	68.2	60.4	—	62.1	71.1	70.7	58.6	52.7	W	53.9
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Tennessee												
March 1994	77.6	76.8	70.2	59.2	—	61.9	64.3	63.9	60.7	52.5	W	54.3
February 1994	76.9	76.1	69.6	57.9	—	60.6	64.3	63.8	59.9	51.0	W	52.9
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Wisconsin												
March 1994	76.0	75.3	63.7	57.8	W	59.7	64.4	64.0	55.6	50.9	W	52.2
February 1994	77.7	76.8	65.8	59.5	W	61.5	66.7	66.1	56.8	52.4	W	53.6
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District III												
March 1994	78.4	77.5	67.1	58.3	49.6	60.1	65.5	65.0	58.6	51.5	45.0	51.9
February 1994	78.3	77.2	66.2	57.0	47.7	57.7	65.2	64.7	57.4	50.0	43.8	50.2
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Alabama												
March 1994	80.6	79.3	71.8	59.5	—	63.0	68.3	67.5	63.8	52.2	W	54.2
February 1994	80.2	78.9	71.1	58.5	—	62.2	67.8	67.1	63.1	51.2	W	54.4
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Arkansas												
March 1994	76.3	75.0	62.0	58.0	W	59.5	63.7	63.0	55.3	51.5	W	52.8
February 1994	77.8	75.9	61.0	56.1	—	57.7	63.7	62.8	54.4	50.1	—	51.5
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Louisiana												
March 1994	80.1	78.1	72.4	58.2	47.7	60.7	66.6	65.9	64.7	51.7	44.1	52.3
February 1994	79.9	77.5	72.4	56.5	47.1	59.1	66.7	65.6	64.1	50.1	42.6	50.6
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Mississippi												
March 1994	78.6	77.0	67.9	58.9	—	60.9	66.1	65.3	59.6	51.7	W	53.4
February 1994	79.3	77.9	66.3	57.8	48.8	55.9	66.0	65.3	58.0	50.2	46.8	51.2
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
New Mexico												
March 1994	78.6	78.6	70.1	63.6	—	65.1	68.9	68.7	60.8	55.7	—	56.9
February 1994	76.3	76.1	70.1	61.8	—	63.8	67.9	67.8	60.5	54.0	—	55.6
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Texas												
March 1994	77.6	77.1	65.7	57.6	50.0	59.0	64.5	64.1	57.3	51.0	45.4	50.9
February 1994	77.4	76.7	64.7	56.5	47.5	56.5	64.2	63.8	56.0	49.3	43.8	49.1
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District IV												
March 1994	81.9	80.6	66.4	61.5	68.7	62.9	70.6	70.1	59.9	55.4	63.6	56.7
February 1994	76.4	75.9	65.1	61.1	W	62.3	67.9	67.8	59.0	54.3	W	55.7
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Colorado												
March 1994	90.4	88.8	69.4	61.4	—	63.4	75.2	74.4	62.2	55.4	—	57.3
February 1994	89.0	87.8	66.8	62.8	—	64.4	76.8	75.9	62.5	55.9	—	57.8
March 1993	—	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

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

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Idaho												
March 1994	63.4	63.4	58.5	53.0	—	54.2	NA	66.6	56.8	W	—	54.7
February 1994	64.4	63.9	58.1	51.7	—	53.3	NA	65.2	W	W	—	51.9
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Montana												
March 1994	70.2	70.5	64.8	57.1	W	58.2	67.7	74.7	—	W	—	W
February 1994	70.7	71.0	62.4	55.8	W	56.6	W	76.9	—	W	—	W
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Utah												
March 1994	59.6	59.7	54.3	50.9	W	52.0	65.6	65.6	58.2	53.9	W	57.9
February 1994	58.4	58.5	53.6	48.6	W	50.4	64.2	64.2	57.8	52.8	—	56.3
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Wyoming												
March 1994	70.8	70.5	59.6	55.6	—	56.3	76.0	75.0	62.0	W	—	69.1
February 1994	72.2	71.4	58.0	53.6	—	54.7	75.6	73.5	W	W	—	62.8
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District V												
March 1994	69.6	69.1	60.7	52.7	48.4	56.7	76.3	75.7	67.5	57.2	W	62.1
February 1994	74.1	72.8	63.4	52.3	47.3	55.0	80.4	79.2	68.7	56.6	W	63.8
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Alaska												
March 1994	106.9	102.1	75.8	67.9	W	72.6	W	NA	79.7	—	—	79.7
February 1994	106.5	101.4	75.8	67.6	W	71.4	W	130.2	W	—	—	W
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Arizona												
March 1994	77.6	76.0	65.4	57.4	W	60.7	87.9	87.5	66.6	W	—	62.9
February 1994	78.3	75.8	64.4	55.5	W	58.4	88.5	88.1	64.8	W	—	58.8
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
California												
March 1994	65.1	64.8	59.9	51.1	48.0	55.8	73.9	73.4	66.8	57.0	W	61.4
February 1994	65.6	65.2	62.3	50.8	48.1	53.8	76.7	76.0	67.9	56.6	W	63.1
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Hawaii												
March 1994	105.2	96.6	84.8	75.3	W	69.1	107.0	97.1	89.7	84.6	—	89.5
February 1994	104.3	95.3	84.0	74.9	—	82.5	106.3	96.4	89.2	85.9	—	89.1
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Nevada												
March 1994	70.8	69.4	60.4	54.0	W	57.2	80.9	79.5	67.8	59.4	—	64.5
February 1994	65.6	64.9	57.9	53.7	W	54.6	76.0	76.0	63.0	58.6	—	60.8
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Oregon												
March 1994	72.7	72.2	60.8	53.9	W	57.7	75.7	78.1	68.2	—	—	68.2
February 1994	75.6	74.0	60.8	52.4	W	54.5	76.1	75.2	W	W	—	W
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Washington												
March 1994	67.3	67.1	57.5	53.7	—	55.6	76.9	73.3	62.2	W	—	62.2
February 1994	70.6	69.8	57.6	52.3	W	51.2	73.6	73.0	W	W	—	W
March 1993	—	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

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

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Idaho												
March 1994	74.5	74.3	65.2	61.1	—	62.7	64.8	64.7	58.0	54.1	—	55.5
February 1994	73.6	73.3	64.6	59.9	—	61.8	65.6	65.0	57.5	52.9	—	54.6
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Montana												
March 1994	79.2	78.9	71.9	65.9	—	66.6	71.5	71.6	65.9	58.7	W	59.6
February 1994	80.0	79.7	70.8	64.5	—	65.1	72.1	72.1	63.7	57.3	W	58.0
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Utah												
March 1994	73.3	72.9	63.0	58.7	68.7	60.5	63.1	63.2	56.8	52.7	63.7	54.4
February 1994	71.7	71.6	62.2	57.1	W	59.3	61.8	62.0	56.1	50.5	W	52.7
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Wyoming												
March 1994	82.7	81.6	66.9	63.6	—	64.3	72.8	72.2	61.0	56.9	—	57.7
February 1994	83.5	81.9	66.1	62.0	—	63.2	74.0	73.0	59.5	55.0	—	56.2
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District V												
March 1994	89.3	88.4	75.8	64.9	53.9	72.8	73.1	72.5	64.7	54.6	48.9	60.1
February 1994	93.8	91.8	77.4	65.5	52.5	72.2	77.8	76.3	67.3	54.1	47.6	58.3
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Alaska												
March 1994	108.3	105.7	85.9	77.9	—	83.3	107.7	102.9	77.0	68.7	W	73.8
February 1994	109.1	105.7	86.1	76.4	—	82.3	107.3	102.3	77.2	68.5	W	72.7
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Arizona												
March 1994	97.2	94.9	78.5	70.6	W	74.5	80.9	79.2	67.3	58.8	W	62.6
February 1994	98.5	95.7	77.5	67.5	—	72.4	81.6	79.1	66.1	56.8	W	60.1
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
California												
March 1994	85.1	84.3	74.9	62.6	52.5	72.0	69.1	68.7	64.3	53.1	48.6	59.4
February 1994	87.6	86.4	75.3	63.8	51.8	70.4	70.8	70.2	66.3	52.7	48.3	57.2
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Hawaii												
March 1994	123.4	112.2	97.6	87.9	—	96.3	110.0	100.7	89.8	79.5	W	77.6
February 1994	121.8	110.6	96.9	88.3	—	95.9	109.0	99.4	89.1	79.3	—	87.8
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Nevada												
March 1994	89.7	88.9	75.4	66.5	W	71.9	74.1	72.5	63.6	56.0	W	59.9
February 1994	81.6	81.0	69.8	65.7	W	66.6	67.9	66.9	60.4	55.4	W	58.6
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Oregon												
March 1994	91.5	91.0	76.4	68.7	W	73.3	75.2	74.7	63.2	55.8	W	60.0
February 1994	91.8	90.1	77.1	66.8	W	72.2	77.7	76.0	63.8	54.2	W	56.9
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Washington												
March 1994	85.3	84.9	72.2	66.2	W	69.6	70.2	69.9	60.1	55.5	W	57.9
February 1994	87.4	86.5	73.9	64.4	W	68.9	73.7	72.8	62.5	54.1	40.3	54.4
March 1993	—	—	—	—	—	—	—	—	—	—	—	—

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

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

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

Table 33. Oxygenated Motor Gasoline Prices by Grade, Sales Type, PAD District, and State
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
March 1994	71.1	70.5	62.0	54.8	45.7	58.2	79.3	77.5	66.4	59.2	W	64.3
February 1994	69.0	68.4	59.9	53.5	48.4	57.7	77.3	76.1	65.9	57.9	W	63.8
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District I												
March 1994	64.3	63.6	59.4	51.9	45.6	55.2	77.8	75.9	65.7	58.9	W	64.3
February 1994	64.4	63.4	59.7	51.9	48.1	56.2	76.6	75.0	65.8	57.4	W	63.7
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict 1A												
March 1994	68.1	67.4	64.0	56.0	W	58.2	83.3	80.3	69.4	60.6	-	67.2
February 1994	70.9	70.1	64.1	56.2	-	60.9	84.2	81.8	69.0	60.8	-	67.1
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut												
March 1994	68.1	67.4	64.0	56.0	W	58.2	83.3	80.3	69.4	60.6	-	67.2
February 1994	70.9	70.1	64.1	56.2	-	60.9	84.2	81.8	69.0	60.8	-	67.1
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	W	-	W	-	-	-	W	-	W
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict 1B												
March 1994	63.7	63.1	59.0	51.4	45.7	54.8	76.9	75.0	65.1	58.7	W	63.8
February 1994	64.3	63.3	59.2	51.5	47.8	56.0	76.8	74.9	65.3	57.4	W	63.6
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Delaware												
March 1994	-	W	W	52.2	-	50.7	-	W	W	56.8	-	53.2
February 1994	W	84.6	W	50.9	-	54.5	W	W	W	56.1	-	60.9
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
March 1994	-	58.3	62.4	W	-	62.3	-	W	NA	-	-	NA
February 1994	W	55.6	62.0	W	-	62.1	W	64.2	67.7	W	-	67.8
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
March 1994	62.4	59.3	54.7	51.6	-	54.1	67.8	66.1	60.9	54.1	-	59.8
February 1994	62.9	60.9	59.1	51.8	W	57.3	73.1	71.0	65.2	56.9	-	63.7
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey												
March 1994	66.4	65.3	60.0	50.8	48.9	56.1	83.0	80.4	68.6	57.3	W	64.5
February 1994	66.3	65.3	60.4	50.8	46.5	55.7	81.3	79.3	67.0	56.4	W	64.2
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New York												
March 1994	61.0	60.8	58.0	52.0	44.8	53.8	72.0	70.4	63.7	61.6	-	63.4
February 1994	62.5	62.1	59.1	52.7	W	56.2	73.1	71.4	64.8	62.6	-	64.5
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania												
March 1994	63.5	63.6	NA	W	-	W	78.2	78.2	NA	W	-	60.7
February 1994	63.2	62.8	56.5	50.7	W	54.1	75.9	75.4	62.0	56.0	-	60.3
March 1993	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 33. Oxygenated Motor Gasoline Prices by Grade, Sales Type, PAD District, and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
March 1994	88.3	86.8	73.8	62.2	52.2	70.5	75.8	74.9	66.8	57.0	46.8	62.7
February 1994	87.0	85.5	73.8	61.9	55.5	70.4	73.4	72.5	64.5	55.7	50.9	61.7
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District I												
March 1994	86.0	83.8	73.7	61.5	52.2	70.0	72.8	71.4	66.1	55.4	46.8	61.5
February 1994	85.7	83.4	73.9	61.6	53.1	69.9	72.4	70.9	65.8	55.2	49.8	61.9
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict 1A												
March 1994	93.3	91.1	77.9	66.5	-	73.7	76.6	75.4	69.1	59.5	W	63.5
February 1994	95.1	93.5	78.1	67.2	-	74.1	79.1	77.9	69.2	59.9	-	65.8
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut												
March 1994	93.3	91.1	77.9	66.5	-	73.7	76.6	75.4	69.1	59.5	W	63.5
February 1994	95.1	93.5	78.1	67.3	-	74.1	79.1	77.9	69.2	59.9	-	65.8
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	W	-	W	-	-	-	W	-	W
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict 1B												
March 1994	85.2	83.0	73.5	61.0	52.2	69.8	72.2	70.8	65.9	55.0	46.9	61.3
February 1994	85.5	83.1	73.7	61.1	52.5	69.8	72.6	70.9	65.7	54.9	49.4	61.9
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Delaware												
March 1994	-	W	W	W	-	59.7	-	W	W	55.1	-	52.9
February 1994	NA	W	W	62.2	-	69.6	W	85.8	64.4	53.8	-	59.8
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
March 1994	-	W	78.9	W	-	78.6	-	63.4	68.6	W	-	68.6
February 1994	W	67.1	75.1	W	-	75.2	W	60.5	69.7	W	-	69.7
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
March 1994	NA	72.1	68.0	W	-	67.3	66.2	63.5	58.7	53.8	-	57.7
February 1994	79.2	75.8	72.0	61.6	W	70.0	68.5	66.0	64.2	55.1	W	62.2
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey												
March 1994	89.7	86.7	74.6	61.7	52.3	70.2	75.5	73.6	66.5	55.2	48.5	62.2
February 1994	89.4	86.8	75.1	61.0	52.3	69.9	75.3	73.7	67.0	54.5	48.4	61.8
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New York												
March 1994	81.6	79.5	72.6	60.0	W	69.4	69.2	68.1	65.5	55.0	45.4	60.7
February 1994	83.6	81.3	73.8	60.5	W	70.0	71.3	70.0	66.6	55.7	W	62.9
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania												
March 1994	85.1	84.9	75.0	W	-	W	72.4	72.3	NA	W	-	W
February 1994	83.9	83.3	71.0	62.2	W	67.3	71.3	70.5	61.9	53.8	W	58.7
March 1993	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 33. Oxygenated Motor Gasoline Prices by Grade, Sales Type, PAD District, and State
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Subdistrict IC												
March 1994	NA	NA	61.3	53.2	—	60.5	NA	NA	NA	NA	—	NA
February 1994	63.1	62.2	61.1	52.3	W	56.4	74.6	73.9	66.0	56.8	—	63.1
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Florida												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	—	—	—	—	—	—	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Georgia												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	—	—	—	—	—	—	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
North Carolina												
March 1994	W	NA	W	52.7	—	54.9	W	NA	W	55.1	—	W
February 1994	59.9	59.6	57.7	52.3	W	54.1	70.0	69.6	64.6	56.6	—	59.7
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
South Carolina												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	—	—	—	—	—	—	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Virginia												
March 1994	69.0	68.9	63.9	54.1	—	62.9	82.2	82.4	NA	NA	—	NA
February 1994	67.5	65.4	63.4	52.6	W	59.5	80.5	79.1	69.6	57.3	—	66.3
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
West Virginia												
March 1994	—	W	W	—	—	W	—	W	W	—	—	W
February 1994	W	W	W	—	—	W	W	W	W	—	—	W
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District II												
March 1994	71.7	70.7	62.0	58.9	W	59.4	77.6	76.2	62.7	59.8	—	60.9
February 1994	72.6	71.6	60.9	57.6	W	58.2	78.9	77.8	62.6	59.1	—	60.6
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Illinois												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	W	W	—	—	—	—	W	W	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Indiana												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	—	—	—	—	—	—	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Iowa												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	—	—	—	—	—	—	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Kansas												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	—	—	—	—	—	—	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Kentucky												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	—	—	—	—	—	—	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Michigan												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	—	—	—	—	—	—	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Minnesota												
March 1994	71.7	70.7	61.4	58.9	W	59.2	77.6	76.2	W	59.8	—	60.5
February 1994	72.7	71.8	59.5	57.6	W	57.8	79.2	78.1	61.5	59.1	W	60.1
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Missouri												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	—	—	—	—	—	—	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 33. Oxygenated Motor Gasoline Prices by Grade, Sales Type, PAD District, and State
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Nebraska												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Ohio												
March 1994	-	-	W	-	-	W	-	W	W	-	-	W
February 1994	-	-	W	-	-	W	-	W	W	-	-	W
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Oklahoma												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin												
March 1994	-	-	-	W	-	W	-	-	-	-	-	-
February 1994	-	-	-	W	-	W	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District III												
March 1994	69.5	69.1	57.9	57.5	-	57.8	77.0	76.3	W	55.5	-	58.8
February 1994	70.9	70.4	59.5	55.9	-	58.8	78.6	78.3	65.4	56.4	-	59.0
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Alabama												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Arkansas												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico												
March 1994	68.4	68.4	W	60.4	-	W	W	W	-	-	-	-
February 1994	69.2	69.1	58.9	58.6	-	58.7	76.7	76.6	W	60.7	-	61.5
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Texas												
March 1994	71.0	69.9	W	57.5	-	57.5	76.7	75.9	W	55.5	-	58.8
February 1994	74.5	73.2	W	54.6	-	55.6	80.1	79.6	W	53.7	-	57.7
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District IV												
March 1994	71.0	71.0	W	58.7	-	58.7	81.7	81.7	W	63.7	-	64.1
February 1994	73.0	72.4	60.4	56.1	-	57.1	83.2	82.3	66.6	60.8	-	64.5
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Colorado												
March 1994	71.1	71.0	W	58.7	-	58.7	81.7	81.7	W	63.7	-	64.1
February 1994	73.3	72.8	60.3	56.2	-	57.1	83.4	82.5	66.8	61.4	-	65.3
March 1993	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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Centimeter

Inches

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Table 33. Oxygenated Motor Gasoline Prices by Grade, Sales Type, PAD District, and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Subdistrict IC												
March 1994	NA	NA	74.2	65.8	—	73.5	NA	NA	66.5	57.1	—	NA
February 1994	84.0	82.5	75.4	62.4	W	69.1	70.2	69.1	66.2	55.4	W	60.8
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Florida												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	—	—	—	—	—	—	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Georgia												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	—	—	—	—	—	—	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
North Carolina												
March 1994	W	W	W	62.6	—	66.8	W	NA	W	55.2	—	59.4
February 1994	79.7	79.3	71.7	62.5	NA	65.6	66.3	65.9	62.2	55.3	W	57.7
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
South Carolina												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	—	—	—	—	—	—	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Virginia												
March 1994	91.5	91.2	79.4	NA	—	NA	77.5	77.4	70.6	NA	—	NA
February 1994	89.6	86.0	77.2	62.0	W	72.8	75.4	72.9	68.7	55.7	W	64.5
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
West Virginia												
March 1994	—	W	W	—	—	W	—	W	W	—	—	W
February 1994	W	W	W	—	—	W	W	W	W	—	—	W
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District II												
March 1994	82.8	81.7	70.9	62.5	—	64.7	73.1	72.1	63.2	59.5	W	60.4
February 1994	83.5	82.9	70.4	60.2	—	62.5	74.7	73.7	62.5	58.3	W	59.4
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Illinois												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	W	W	—	—	—	—	W	W	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Indiana												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	—	—	—	—	—	—	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Iowa												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	—	—	—	W	—	W	—	—	—	W	—	W
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Kansas												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	—	—	—	—	—	—	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Kentucky												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	—	—	—	—	—	—	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Michigan												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	—	—	—	—	—	—	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Minnesota												
March 1994	82.8	81.7	67.0	62.5	—	63.3	73.1	72.1	62.1	59.5	W	60.0
February 1994	84.4	83.8	65.4	60.2	—	61.1	75.0	74.0	60.8	58.3	W	58.8
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Missouri												
March 1994	—	—	—	—	—	—	—	—	—	—	—	—
February 1994	—	—	—	—	—	—	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 33. Oxygenated Motor Gasoline Prices by Grade, Sales Type, PAD District, and State
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Nebraska												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Ohio												
March 1994	-	-	W	-	-	W	-	W	W	-	-	W
February 1994	-	-	W	-	-	W	-	W	W	-	-	W
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Oklahoma												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin												
March 1994	-	-	-	-	-	-	-	-	-	W	-	W
February 1994	-	-	-	-	-	-	-	-	-	W	-	W
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District III												
March 1994	85.5	84.4	70.9	61.2	-	64.2	72.3	71.8	60.8	57.7	-	58.5
February 1994	87.7	86.4	71.9	59.8	NA	62.2	73.8	73.2	61.9	56.5	NA	57.8
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Alabama												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Arkansas												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	W	-	W	-	-	-	W	-	W
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico												
March 1994	87.6	87.6	W	W	-	W	70.8	70.8	W	61.1	-	W
February 1994	87.7	87.8	70.0	63.7	-	65.4	71.8	71.6	60.5	59.5	-	59.8
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Texas												
March 1994	83.8	82.1	W	61.2	-	64.1	73.8	72.7	W	57.7	-	58.5
February 1994	87.8	84.7	W	58.5	NA	61.2	77.5	76.1	W	55.0	NA	56.7
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District IV												
March 1994	91.7	91.7	W	65.1	-	65.1	76.0	76.0	W	59.1	-	59.1
February 1994	91.8	90.6	72.6	62.8	-	65.6	77.2	76.5	63.8	57.4	-	59.1
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Colorado												
March 1994	92.1	92.1	W	64.4	-	64.4	76.1	76.1	W	59.0	-	59.0
February 1994	92.8	91.7	73.2	62.3	-	66.0	77.6	76.9	63.9	57.2	-	59.2
March 1993	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 33. Oxygenated Motor Gasoline Prices by Grade, Sales Type, PAD District, and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Idaho												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Montana												
March 1994	-	-	-	W	-	W	-	-	-	-	-	-
February 1994	W	75.3	W	W	-	63.0	-	-	-	W	-	W
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Utah												
March 1994	W	W	-	W	-	W	W	W	-	-	-	-
February 1994	61.1	60.9	55.1	54.4	-	54.4	67.7	67.7	W	56.3	-	57.5
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District V												
March 1994	NA	NA	NA	NA	-	65.7	NA	NA	NA	NA	-	NA
February 1994	69.5	69.3	60.1	53.7	49.3	58.8	75.3	74.7	66.2	58.7	W	65.0
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Alaska												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Arizona												
March 1994	78.2	77.9	71.8	61.9	-	70.5	NA	NA	W	-	-	W
February 1994	79.2	78.8	72.0	60.8	-	70.6	89.4	88.6	W	-	-	W
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
California												
March 1994	67.4	68.7	61.9	NA	-	61.9	NA	NA	NA	NA	-	NA
February 1994	64.6	65.0	58.3	51.9	49.3	57.0	73.7	73.4	66.1	58.5	W	64.9
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii												
March 1994	NA	NA	NA	-	-	NA	NA	NA	-	-	-	-
February 1994	NA	NA	NA	-	-	NA	NA	NA	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
March 1994	NA	NA	61.5	W	-	61.2	87.5	87.5	W	-	-	W
February 1994	80.9	80.1	62.5	57.8	-	62.0	85.8	85.1	69.8	W	-	69.6
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Oregon												
March 1994	W	78.2	W	W	-	62.9	W	W	-	-	-	-
February 1994	74.0	73.6	64.2	58.5	-	62.9	W	W	W	-	-	W
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Washington												
March 1994	70.7	70.5	65.3	58.6	-	64.2	-	-	-	W	-	W
February 1994	67.1	67.1	62.0	61.4	-	61.9	69.7	66.4	W	61.0	-	61.3
March 1993	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 33. Oxygenated Motor Gasoline Prices by Grade, Sales Type, PAD District, and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Idaho												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Montana												
March 1994	-	-	-	W	-	W	-	-	-	W	-	W
February 1994	W	84.5	W	70.7	-	71.0	W	77.2	W	63.9	-	64.4
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Utah												
March 1994	W	W	-	W	-	W	W	W	-	W	-	W
February 1994	72.2	71.7	64.9	62.4	-	62.6	64.2	64.0	58.3	56.3	-	56.5
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District V												
March 1994	NA	NA	74.4	70.8	-	74.1	NA	NA	NA	NA	-	68.4
February 1994	87.4	86.6	73.7	63.3	64.3	72.1	72.9	72.5	63.4	55.4	56.0	61.9
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Alaska												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Arizona												
March 1994	95.8	95.8	82.6	74.9	-	82.1	80.8	80.5	73.8	63.3	-	72.6
February 1994	96.0	95.9	83.0	72.8	-	82.3	81.6	81.2	74.1	62.1	-	72.8
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
California												
March 1994	83.7	86.4	70.9	NA	-	70.7	NA	NA	NA	NA	-	NA
February 1994	83.9	83.3	72.2	61.2	64.3	70.6	69.0	69.1	62.1	53.8	56.0	60.6
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii												
March 1994	NA	NA	NA	-	-	NA	NA	NA	NA	-	-	NA
February 1994	NA	NA	NA	-	-	NA	NA	NA	NA	-	-	NA
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
March 1994	NA	NA	W	W	-	76.9	NA	NA	62.1	W	-	61.8
February 1994	97.2	96.7	77.9	68.8	-	77.2	84.4	83.5	65.8	59.7	-	65.3
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Oregon												
March 1994	92.5	92.5	W	W	-	W	NA	NA	W	W	-	NA
February 1994	93.0	92.6	79.0	74.0	-	77.9	77.3	76.8	66.3	60.7	-	65.0
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Washington												
March 1994	88.4	86.7	W	73.8	-	79.5	73.3	73.1	68.5	60.6	-	67.3
February 1994	85.6	85.1	77.7	72.1	-	76.8	69.7	69.6	64.8	62.9	-	64.4
March 1993	-	-	-	-	-	-	-	-	-	-	-	-

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

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

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

**Table 34. Reformulated Motor Gasoline Prices by Grade, Sales Type,
PAD District, and State**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
March 1994	-	W	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District I												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IA												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IB												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Delaware												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New York												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 34. Reformulated Motor Gasoline Prices by Grade, Sales Type, PAD District, and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
March 1994	-	-	-	-	-	-	-	W	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District I												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict 1A												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict 1B												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Delaware												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New York												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania												
March 1994	-	-	-	-	-	-	-	-	-	-	-	-
February 1994	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-

To be published when available

See footnotes at end of table.

Table 35. Refiner Motor Gasoline Prices by Grade, Sales Type, PAD District, and State
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Regular			Midgrade			Premium			All Grades		
	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 Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a	
United States												
March 1994	62.8	51.9	51.6	72.3	55.3	58.3	81.4	60.9	64.1	67.9	53.8	54.9
February 1994	63.3	51.8	51.3	72.6	55.3	58.3	79.4	60.8	63.6	68.2	53.7	54.6
March 1993	71.5	62.9	62.0	80.7	67.3	68.7	88.3	71.6	74.8	76.2	64.8	65.2
PAD District I												
March 1994	60.3	50.1	51.2	72.5	53.4	58.0	81.6	58.7	64.8	67.6	52.1	55.8
February 1994	60.5	50.1	51.2	72.7	53.7	58.3	81.9	59.2	64.8	67.9	52.3	55.9
March 1993	68.5	60.6	60.9	81.0	65.4	67.7	90.4	68.3	74.7	75.7	62.7	65.4
Subdistrict IA												
March 1994	65.9	49.4	53.2	78.9	53.0	59.9	89.4	56.6	66.2	74.7	51.2	57.4
February 1994	66.5	48.4	52.5	79.0	52.7	60.2	90.4	58.3	64.9	75.4	50.9	56.8
March 1993	74.3	57.3	61.4	88.2	64.8	68.2	97.5	63.9	74.1	82.8	59.1	65.4
Connecticut												
March 1994	W	W	54.7	W	58.2	60.7	W	W	67.8	W	53.2	59.1
February 1994	W	50.1	53.9	W	56.8	61.1	W	62.1	68.0	W	53.4	58.6
March 1993	W	58.9	62.9	W	69.5	68.8	W	68.1	73.5	W	63.8	66.9
Maine												
March 1994	-	W	50.7	-	W	55.9	-	W	60.9	-	W	53.2
February 1994	-	W	51.7	-	W	55.8	-	W	62.4	-	W	54.4
March 1993	-	56.8	58.7	-	W	62.9	-	W	69.2	-	57.1	61.2
Massachusetts												
March 1994	65.5	48.6	53.3	78.2	51.7	60.7	88.6	W	66.5	74.2	50.7	57.8
February 1994	65.6	46.7	52.1	78.2	52.2	60.8	89.0	57.0	63.5	74.4	50.1	56.4
March 1993	74.6	56.9	61.5	88.2	60.3	69.3	97.6	61.8	75.7	82.9	57.8	65.7
New Hampshire												
March 1994	65.8	W	55.0	78.7	W	61.0	87.6	W	68.1	73.7	W	58.9
February 1994	65.9	53.3	55.2	79.7	W	61.5	89.0	W	68.5	74.4	55.4	59.3
March 1993	72.0	56.9	62.0	87.4	W	67.0	94.1	W	74.5	79.9	57.1	65.3
Rhode Island												
March 1994	61.7	48.7	51.6	73.1	W	57.4	81.7	55.8	64.2	69.5	49.5	55.7
February 1994	64.7	48.6	50.5	72.7	W	58.2	85.7	58.7	65.0	71.9	49.9	55.0
March 1993	68.9	59.7	60.1	82.2	W	66.6	90.3	66.3	73.6	77.0	60.7	64.2
Vermont												
March 1994	-	W	56.1	-	-	62.3	-	-	67.4	-	W	59.5
February 1994	-	W	56.8	-	-	62.2	-	-	67.7	-	W	60.4
March 1993	-	W	63.2	-	-	68.5	-	-	74.2	-	W	66.6
Subdistrict IB												
March 1994	62.1	49.8	51.4	74.6	54.0	59.3	84.1	59.4	65.8	69.4	51.8	56.6
February 1994	63.1	50.4	52.0	75.7	55.8	60.6	85.1	60.7	66.3	70.5	52.6	57.4
March 1993	69.3	61.1	61.0	81.9	67.3	W	92.3	70.4	75.7	76.3	63.5	66.1
Delaware												
March 1994	W	W	50.9	W	W	56.5	W	W	63.5	W	W	54.6
February 1994	W	W	49.9	W	W	55.8	W	W	63.0	W	W	53.6
March 1993	W	W	60.2	W	W	66.0	W	W	74.2	W	W	64.1
District of Columbia												
March 1994	-	W	60.5	-	W	65.5	-	W	73.7	-	W	68.2
February 1994	-	W	62.2	-	W	68.0	-	W	75.3	-	W	69.9
March 1993	-	W	67.8	-	W	72.6	-	W	81.3	-	W	75.2
Maryland												
March 1994	W	47.8	54.3	W	W	60.6	W	58.2	67.3	W	49.9	59.3
February 1994	W	50.2	56.2	W	55.3	63.5	W	60.7	70.1	W	52.1	61.5
March 1993	-	57.4	63.3	-	63.5	69.8	-	71.1	74.9	-	59.6	67.7
New Jersey												
March 1994	66.4	49.7	52.2	81.4	54.0	62.7	89.9	59.2	65.9	75.8	52.5	58.1
February 1994	67.5	50.5	53.1	83.1	55.2	64.2	91.4	60.0	67.2	77.1	53.6	59.2
March 1993	77.6	61.1	61.3	91.3	64.0	73.2	100.1	67.7	76.6	86.2	63.3	67.0
New York												
March 1994	60.4	51.9	52.4	72.0	57.3	60.3	81.8	60.4	68.0	66.7	53.7	58.1
February 1994	61.4	52.0	52.6	72.9	57.9	61.2	83.0	61.9	68.3	67.8	54.0	58.5
March 1993	67.8	62.6	62.3	80.6	69.3	71.1	90.9	71.8	78.8	74.1	65.4	68.3
Pennsylvania												
March 1994	61.5	49.4	48.7	72.9	54.8	54.8	81.7	61.2	61.3	68.2	50.9	52.4
February 1994	62.4	49.2	48.7	73.9	56.0	55.2	82.5	61.2	60.5	69.2	50.7	52.5
March 1993	66.8	61.6	58.3	78.3	69.5	64.4	87.5	74.1	70.7	73.1	63.9	62.0

See footnotes at end of table.

Table 35. Refiner Motor Gasoline Prices by Grade, Sales Type, PAD District, and State
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular			Midgrade			Premium			All Grades		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a	
Subdistrict IC												
March 1994	58.9	50.5	50.7	71.0	53.2	56.8	79.5	58.5	63.5	66.1	52.5	54.9
February 1994	58.6	50.3	50.2	70.8	53.1	56.5	79.3	58.6	63.2	65.9	52.4	54.5
March 1993	67.6	61.0	60.7	80.1	64.4	66.6	89.0	67.5	73.8	74.9	63.0	64.7
Florida												
March 1994	58.9	50.5	51.9	71.9	53.6	58.7	80.2	58.1	67.3	67.3	52.6	57.3
February 1994	58.1	49.9	51.6	71.2	52.5	58.3	79.5	57.8	66.8	66.6	51.9	57.0
March 1993	69.4	60.8	62.1	82.6	63.5	69.2	90.9	65.9	77.9	77.8	62.6	67.6
Georgia												
March 1994	56.3	50.4	49.7	68.0	51.9	55.3	76.7	57.2	60.7	63.1	52.1	53.2
February 1994	56.4	49.9	48.8	68.2	52.6	54.6	77.0	56.9	59.9	63.2	51.9	52.3
March 1993	63.8	60.3	59.8	75.3	63.4	65.0	84.0	67.3	71.2	70.2	62.0	63.2
North Carolina												
March 1994	57.2	48.8	49.6	66.7	52.4	54.5	75.0	W	60.0	62.4	50.3	52.7
February 1994	58.0	49.2	49.4	67.5	53.0	54.3	75.8	56.8	59.9	63.1	51.0	52.5
March 1993	64.8	59.3	59.5	75.6	62.9	64.3	84.0	70.2	69.7	69.9	60.0	62.3
South Carolina												
March 1994	54.0	49.3	49.1	64.8	52.1	54.4	74.5	57.7	60.1	59.6	51.2	52.1
February 1994	53.7	49.2	48.3	64.7	52.9	52.9	74.5	57.8	58.3	59.3	51.5	51.1
March 1993	62.8	60.2	59.7	73.4	63.6	64.5	83.4	68.9	70.2	68.0	62.5	62.4
Virginia												
March 1994	63.5	50.5	51.7	77.6	52.5	57.8	84.6	58.2	63.9	71.4	52.2	56.0
February 1994	63.8	51.0	51.3	76.9	53.3	58.1	84.5	59.4	63.8	71.3	52.7	55.7
March 1993	70.6	60.8	61.0	83.4	64.3	66.5	91.5	65.8	72.7	77.7	62.8	64.9
West Virginia												
March 1994	69.9	56.5	51.0	81.0	60.8	56.8	88.4	67.8	61.1	74.7	59.6	53.9
February 1994	71.1	56.0	51.5	82.1	61.6	57.1	87.7	68.6	63.6	75.7	59.6	54.7
March 1993	75.2	67.8	60.7	86.7	75.7	66.6	93.3	79.1	72.9	80.1	71.2	63.9
PAD District II												
March 1994	61.5	53.0	50.4	70.7	58.1	57.2	77.9	62.4	60.7	65.6	54.9	52.6
February 1994	62.3	52.8	50.4	71.3	57.9	58.0	73.6	62.2	60.9	66.2	54.6	52.7
March 1993	69.3	61.9	60.7	77.8	69.9	W	81.2	71.3	70.7	72.7	63.9	62.7
Illinois												
March 1994	60.5	51.3	49.7	70.3	W	59.5	77.9	67.3	62.6	65.4	52.1	53.3
February 1994	61.8	52.0	50.5	70.4	W	61.3	71.1	65.2	63.1	66.1	52.6	54.0
March 1993	70.1	59.6	60.0	79.8	W	69.0	82.9	73.8	73.2	74.3	60.5	63.3
Indiana												
March 1994	59.4	51.1	48.8	66.7	W	56.1	71.7	56.7	59.5	62.8	52.5	51.3
February 1994	60.2	53.1	49.6	66.8	W	57.0	66.8	58.6	60.0	63.0	54.3	52.3
March 1993	68.2	59.5	59.5	75.3	W	66.8	74.6	65.8	70.0	70.7	60.2	61.9
Iowa												
March 1994	60.4	W	52.3	W	—	57.7	70.1	—	61.6	61.7	W	52.9
February 1994	61.0	W	51.6	W	—	57.9	69.9	—	61.0	62.2	W	52.3
March 1993	71.4	W	63.0	76.8	—	68.1	82.2	—	70.8	72.9	W	63.6
Kansas												
March 1994	58.6	50.4	50.1	68.5	W	58.9	74.1	W	58.1	61.2	51.5	50.9
February 1994	58.7	50.2	48.9	68.2	W	58.0	74.3	W	57.5	61.2	51.5	49.8
March 1993	69.8	61.5	60.3	80.5	W	69.5	85.3	W	68.8	72.4	62.8	61.1
Kentucky												
March 1994	64.3	53.4	51.1	75.9	W	55.9	83.5	64.7	60.4	70.0	56.6	53.9
February 1994	63.2	52.2	50.4	74.7	W	55.2	82.2	64.2	60.2	69.0	55.5	53.2
March 1993	68.5	63.2	61.0	79.5	W	65.5	85.8	77.8	70.9	73.7	66.0	63.6
Michigan												
March 1994	59.8	51.9	49.4	68.2	54.1	55.6	75.4	61.7	60.2	63.3	54.0	51.9
February 1994	62.0	51.8	51.2	70.8	58.0	58.0	70.5	59.4	61.9	65.3	53.2	53.8
March 1993	67.0	60.6	59.9	75.1	W	65.9	77.9	69.0	70.5	69.8	62.4	62.2
Minnesota												
March 1994	71.9	53.2	54.6	79.4	W	62.9	88.6	W	63.4	74.5	53.6	55.8
February 1994	73.1	53.2	54.0	80.7	W	64.1	89.3	W	62.5	75.8	53.6	55.4
March 1993	79.6	63.8	64.8	86.7	W	72.9	93.5	74.4	74.3	81.9	64.4	66.0
Missouri												
March 1994	58.7	54.8	50.1	70.6	W	57.4	79.6	57.5	59.8	63.3	55.1	52.1
February 1994	58.6	51.6	49.7	71.5	W	58.5	72.9	58.2	59.9	63.2	52.3	51.8
March 1993	67.5	60.5	60.7	79.2	W	67.8	78.6	W	70.4	71.5	61.2	62.7

See footnotes at end of table.

Table 35. Refiner Motor Gasoline Prices by Grade, Sales Type, PAD District, and State
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular			Midgrade			Premium			All Grades		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a	
Nebraska												
March 1994	64.5	51.1	52.5	68.7	—	W	77.8	W	62.2	66.0	51.4	53.0
February 1994	66.3	51.1	51.4	70.4	—	W	79.8	W	61.2	67.8	51.4	52.3
March 1993	74.9	61.7	63.2	77.5	—	W	86.9	W	72.5	76.0	62.1	63.6
North Dakota												
March 1994	68.9	W	54.2	W	—	W	85.4	—	65.1	71.2	W	55.2
February 1994	71.2	W	53.4	W	—	W	85.5	—	64.3	73.5	W	54.7
March 1993	82.1	W	64.8	91.7	—	W	94.5	—	76.9	84.4	W	65.8
Ohio												
March 1994	62.8	55.3	51.0	72.0	W	58.9	79.6	66.6	62.9	67.2	57.3	53.8
February 1994	62.7	56.2	51.3	71.9	W	59.6	75.6	68.3	63.2	67.2	58.1	54.3
March 1993	68.1	63.7	60.8	76.0	70.2	66.8	79.8	73.5	70.9	71.7	66.4	63.0
Oklahoma												
March 1994	56.7	49.6	48.5	65.5	53.2	53.1	73.3	56.0	56.6	60.7	51.0	49.5
February 1994	55.6	48.9	47.0	64.2	W	51.9	71.9	55.6	55.0	59.5	50.3	47.9
March 1993	69.3	60.6	59.6	77.7	64.5	64.2	85.3	67.0	67.5	73.0	61.9	60.4
South Dakota												
March 1994	66.0	W	53.1	W	—	W	79.2	W	62.5	66.6	W	54.0
February 1994	66.9	50.9	52.3	W	—	W	81.9	W	61.4	67.7	52.1	53.0
March 1993	76.0	68.2	64.5	W	—	W	85.2	—	74.4	76.4	68.2	65.1
Tennessee												
March 1994	58.9	52.3	49.9	70.1	53.0	55.3	78.7	57.4	60.3	65.9	53.3	53.2
February 1994	59.4	49.9	48.5	70.8	52.0	54.1	78.9	56.4	59.1	66.4	51.0	51.8
March 1993	67.4	61.3	59.6	78.5	65.6	64.5	87.1	69.8	69.6	73.8	62.6	62.6
Wisconsin												
March 1994	59.9	49.5	49.4	71.2	W	56.0	77.3	60.7	58.9	63.4	50.7	51.1
February 1994	61.6	51.7	51.0	73.1	—	57.9	78.9	59.4	60.8	65.3	52.2	53.0
March 1993	67.9	59.8	59.7	78.3	W	65.9	82.8	W	69.3	70.9	60.8	61.3
PAD District III												
March 1994	59.5	48.5	48.8	70.8	51.0	54.6	79.1	56.8	58.5	65.9	50.2	51.1
February 1994	59.8	47.8	47.4	71.2	50.3	53.8	79.4	55.5	56.9	66.2	49.4	49.7
March 1993	70.7	60.0	58.9	81.1	61.5	64.4	89.2	68.0	68.3	76.6	61.4	60.9
Alabama												
March 1994	58.4	48.3	49.4	68.6	51.3	54.8	75.7	56.6	60.0	64.5	50.6	52.6
February 1994	58.0	48.4	48.5	68.0	51.0	53.9	75.7	56.0	59.2	64.0	50.7	51.7
March 1993	67.8	58.3	59.3	78.0	60.4	64.1	85.5	66.7	69.6	73.5	60.4	62.1
Arkansas												
March 1994	57.9	W	49.3	69.9	W	53.8	77.8	W	58.1	63.0	51.1	51.4
February 1994	58.0	W	47.9	70.3	—	52.5	78.2	W	56.0	63.0	50.8	50.0
March 1993	67.4	60.8	59.7	78.8	—	63.9	87.3	—	68.4	72.1	60.8	61.6
Louisiana												
March 1994	61.0	48.0	48.6	74.4	W	56.4	83.0	55.1	59.3	69.0	50.3	51.9
February 1994	62.3	48.0	47.4	75.6	W	55.6	84.2	W	57.8	70.4	50.2	50.7
March 1993	71.5	58.7	58.4	83.2	62.5	65.2	91.5	67.2	70.8	78.9	61.2	61.2
Mississippi												
March 1994	60.9	48.2	49.0	69.8	52.0	53.9	78.0	56.2	59.1	65.9	50.3	51.8
February 1994	60.8	48.3	47.5	70.1	W	52.8	78.0	56.9	58.4	65.9	50.7	50.2
March 1993	68.2	59.9	58.0	78.3	63.2	63.5	86.7	68.6	65.3	73.2	61.9	59.9
New Mexico												
March 1994	68.6	56.8	54.4	W	—	59.0	86.2	W	63.8	70.8	57.1	55.6
February 1994	68.2	57.1	54.0	W	—	61.3	85.1	—	62.9	70.4	57.1	55.2
March 1993	85.1	70.5	68.8	W	—	75.4	100.7	W	77.8	87.2	71.4	69.9
Texas												
March 1994	58.7	48.2	48.3	70.5	50.8	54.2	78.7	57.3	57.7	65.4	49.9	50.3
February 1994	59.1	47.2	46.7	70.8	49.7	53.5	78.9	55.4	56.1	65.8	48.7	48.8
March 1993	70.1	59.4	58.3	81.1	61.3	W	89.0	67.8	67.4	76.3	60.8	60.1
PAD District IV												
March 1994	68.7	53.8	53.6	79.3	—	58.5	86.6	58.8	62.0	73.6	54.7	55.4
February 1994	71.2	53.0	53.1	80.3	W	59.0	87.1	57.4	61.4	75.5	54.0	54.8
March 1993	75.8	69.7	64.5	83.6	—	70.7	90.9	72.0	72.4	79.5	70.1	65.9
Colorado												
March 1994	70.7	W	53.9	82.4	—	60.4	92.3	W	63.3	76.0	W	56.0
February 1994	73.7	W	54.7	83.7	W	61.9	93.6	W	63.7	78.5	59.7	56.8
March 1993	76.9	W	64.3	85.4	—	71.2	95.2	W	72.6	80.9	W	66.0

See footnotes at end of table.

Table 35. Refiner Motor Gasoline Prices by Grade, Sales Type, PAD District, and State
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular			Midgrade			Premium			All Grades		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a	
Idaho												
March 1994	W	54.7	53.1	—	—	W	W	W	61.6	W	55.0	54.4
February 1994	W	53.7	51.8	—	W	W	W	W	60.6	W	54.3	53.2
March 1993	W	W	64.1	—	—	—	W	W	W	W	W	65.0
Montana												
March 1994	W	56.5	56.9	—	—	—	W	W	65.5	W	57.9	58.3
February 1994	W	55.1	55.8	—	—	—	W	W	64.5	W	56.4	57.3
March 1993	W	NA	64.7	—	—	—	W	W	72.4	W	90.1	65.8
Utah												
March 1994	58.0	51.5	50.9	65.8	—	54.9	73.6	57.9	59.2	63.7	53.0	53.1
February 1994	57.7	48.9	49.9	65.6	—	54.1	72.6	W	58.4	63.3	50.8	52.0
March 1993	70.0	65.3	64.8	76.0	—	W	80.7	71.9	72.3	73.7	67.1	66.4
Wyoming												
March 1994	65.1	60.0	55.0	W	—	W	81.5	W	63.1	68.7	60.2	56.3
February 1994	68.2	57.3	52.9	W	—	W	81.8	W	61.3	71.2	58.5	54.2
March 1993	75.3	69.6	65.1	W	—	—	85.5	W	W	77.2	70.3	66.1
PAD District V												
March 1994	69.2	58.2	57.3	76.1	63.7	65.4	88.7	70.5	73.1	73.3	60.8	61.1
February 1994	68.9	59.0	57.1	75.8	63.0	64.3	88.6	70.5	72.3	73.0	61.6	60.5
March 1993	79.1	70.9	69.3	86.4	72.3	79.0	97.9	82.1	85.7	82.4	73.0	72.9
Alaska												
March 1994	99.9	W	70.1	—	—	W	105.4	W	81.3	100.7	W	71.5
February 1994	99.8	W	68.6	—	—	—	106.4	W	80.1	100.8	W	70.2
March 1993	97.4	77.0	74.6	—	—	—	106.1	W	83.9	98.1	77.8	75.7
Arizona												
March 1994	78.3	57.3	64.8	W	—	65.6	96.0	W	78.5	81.4	58.2	66.9
February 1994	80.0	57.5	63.8	W	—	64.1	97.2	72.4	78.3	83.1	58.2	66.0
March 1993	82.8	79.3	75.1	84.6	—	74.0	99.3	W	86.8	84.7	79.4	76.5
California												
March 1994	65.5	56.4	56.1	75.4	63.5	64.8	86.0	70.6	72.1	70.5	59.6	60.3
February 1994	64.4	57.3	56.0	75.1	W	63.7	85.3	70.8	70.6	69.5	60.8	59.6
March 1993	80.5	67.4	71.0	86.3	72.0	79.2	99.8	81.0	88.0	84.6	70.9	75.4
Hawaii												
March 1994	100.2	61.0	68.4	104.3	W	89.5	116.3	W	95.9	105.1	W	77.1
February 1994	100.5	60.3	82.4	104.1	W	89.0	116.3	W	95.8	105.3	63.3	87.7
March 1993	101.8	W	92.5	109.8	W	99.5	117.4	W	106.1	107.0	W	97.9
Nevada												
March 1994	70.3	57.5	57.6	79.5	W	65.4	88.2	W	72.2	73.1	57.7	60.5
February 1994	68.1	59.4	57.8	80.1	W	64.1	86.4	—	72.5	71.0	59.7	60.6
March 1993	72.1	72.0	64.9	69.8	W	70.4	88.3	W	77.8	73.9	72.3	67.4
Oregon												
March 1994	73.3	52.8	57.3	W	—	—	93.6	W	72.7	76.4	53.0	59.5
February 1994	75.1	56.5	57.0	W	—	W	95.7	67.8	74.2	78.2	56.9	59.4
March 1993	78.8	76.4	62.8	W	W	W	97.2	W	75.8	80.6	72.1	64.1
Washington												
March 1994	67.0	55.3	56.3	W	—	W	86.1	W	71.0	70.0	56.3	58.8
February 1994	67.6	57.9	55.3	W	—	W	87.3	W	72.6	70.7	59.1	58.4
March 1993	65.2	59.3	58.2	W	—	W	83.2	W	71.2	67.0	59.7	60.3

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a Sales to "other end users" are all end-user sales that were not made through company-operated retail outlets, e.g., sales to agricultural customers or utilities. Notes: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

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

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

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
United States						
March 1994	89.0	87.4	51.8	52.4	78.3	59.7
February 1994	88.4	87.8	55.7	56.0	84.1	73.5
March 1993	99.4	97.4	60.6	60.3	83.2	65.4
PAD District I						
March 1994	86.6	88.7	49.7	52.5	76.3	60.8
February 1994	86.1	88.6	57.9	61.8	83.3	75.1
March 1993	98.0	96.1	60.2	62.4	81.0	66.2
Subdistrict IA						
March 1994	W	W	53.0	NA	70.2	60.8
February 1994	W	88.9	61.8	71.9	83.8	73.5
March 1993	W	W	63.1	63.1	66.7	66.9
Connecticut						
March 1994	W	90.8	53.1	W	W	W
February 1994	W	91.2	62.9	W	W	W
March 1993	W	W	62.1	W	W	W
Maine						
March 1994	W	-	W	NA	W	61.5
February 1994	W	W	W	W	W	80.7
March 1993	W	-	W	W	W	66.5
Massachusetts						
March 1994	W	W	52.0	53.6	W	58.8
February 1994	W	W	60.0	64.8	78.9	73.9
March 1993	W	W	62.3	62.7	W	66.1
New Hampshire						
March 1994	W	W	55.4	W	W	W
February 1994	W	W	67.0	W	W	W
March 1993	W	W	66.3	W	W	66.3
Rhode Island						
March 1994	W	W	53.4	W	W	W
February 1994	W	W	64.3	64.9	W	-
March 1993	W	W	64.4	W	-	64.7
Vermont						
March 1994	W	W	64.0	60.7	-	60.8
February 1994	W	W	73.1	W	W	68.0
March 1993	W	W	W	W	-	W
Subdistrict IB						
March 1994	W	88.8	49.8	51.6	75.5	62.9
February 1994	90.3	89.3	59.7	61.7	81.8	79.8
March 1993	100.0	98.7	60.1	61.3	78.7	66.5
Delaware						
March 1994	W	W	NA	-	W	W
February 1994	-	W	NA	-	W	W
March 1993	W	W	67.1	W	-	W
District of Columbia						
March 1994	-	-	-	-	-	W
February 1994	W	-	-	-	-	W
March 1993	W	-	-	-	-	W
Maryland						
March 1994	W	W	48.2	50.6	NA	62.0
February 1994	W	W	54.2	59.6	NA	78.5
March 1993	W	W	59.2	62.1	NA	67.4
New Jersey						
March 1994	W	W	49.5	50.3	66.3	59.8
February 1994	88.9	87.7	59.9	61.2	79.4	76.9
March 1993	W	W	59.9	61.3	69.7	64.6
New York						
March 1994	W	89.4	54.3	61.2	79.7	64.9
February 1994	W	W	63.7	68.4	85.2	81.1
March 1993	W	97.5	64.2	62.0	80.1	68.3
Pennsylvania						
March 1994	W	89.9	49.6	50.7	82.1	62.6
February 1994	W	91.8	58.7	60.1	87.4	81.1
March 1993	W	100.0	60.0	60.7	80.9	66.0

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Subdistrict IC						
March 1994	84.3	88.6	49.1	53.8	82.6	57.9
February 1994	83.9	88.3	55.8	59.3	91.2	70.0
March 1993	96.6	95.6	59.8	64.4	98.9	65.8
Florida						
March 1994	81.1	85.9	49.6	53.8	73.2	56.4
February 1994	81.6	85.9	56.7	60.4	87.2	69.6
March 1993	94.5	93.6	60.3	64.3	107.2	68.1
Georgia						
March 1994	91.4	W	47.9	52.4	NA	55.1
February 1994	88.7	W	54.2	55.9	NA	70.8
March 1993	97.9	98.2	58.8	63.1	NA	64.2
North Carolina						
March 1994	W	W	49.9	54.9	NA	56.0
February 1994	94.3	W	55.9	59.1	NA	68.2
March 1993	101.4	W	59.3	65.5	NA	65.7
South Carolina						
March 1994	W	W	53.1	W	NA	55.5
February 1994	86.7	W	59.3	W	NA	67.7
March 1993	W	97.3	63.7	66.3	NA	66.3
Virginia						
March 1994	W	89.8	48.7	53.8	59.3	60.1
February 1994	W	W	55.0	60.3	73.7	72.4
March 1993	104.1	W	59.2	64.5	67.5	65.0
West Virginia						
March 1994	W	W	W	W	NA	70.2
February 1994	W	90.0	W	W	NA	82.8
March 1993	W	W	W	W	NA	68.3
PAD District II						
March 1994	87.8	89.3	49.3	53.1	84.7	65.7
February 1994	87.1	89.6	55.9	56.1	89.2	75.2
March 1993	93.9	94.8	59.8	63.3	91.1	63.2
Illinois						
March 1994	W	W	47.9	50.9	77.0	63.6
February 1994	W	W	55.1	55.4	NA	68.1
March 1993	W	W	58.7	61.0	88.4	62.6
Indiana						
March 1994	90.9	90.0	47.7	50.9	105.2	63.2
February 1994	92.3	90.7	54.0	53.2	106.6	73.8
March 1993	95.7	93.1	58.3	63.8	W	67.7
Iowa						
March 1994	W	90.4	54.0	60.0	—	69.7
February 1994	W	90.4	59.3	61.7	—	69.9
March 1993	W	96.1	W	68.8	—	73.3
Kansas						
March 1994	W	86.1	W	W	—	W
February 1994	W	86.0	W	56.4	—	63.8
March 1993	W	92.8	58.6	W	—	72.1
Kentucky						
March 1994	92.8	W	51.7	55.9	78.6	69.5
February 1994	W	W	58.5	56.9	81.6	79.3
March 1993	W	96.1	62.6	61.8	90.6	69.3
Michigan						
March 1994	W	W	49.0	50.9	NA	69.2
February 1994	W	W	56.5	57.2	NA	78.4
March 1993	W	W	60.7	63.7	NA	69.7
Minnesota						
March 1994	W	89.4	49.5	51.5	W	65.1
February 1994	W	89.8	56.1	56.8	W	66.2
March 1993	W	96.7	61.3	62.5	W	70.0
Missouri						
March 1994	W	90.1	49.3	55.0	W	65.0
February 1994	W	89.6	55.5	57.7	W	65.6
March 1993	W	95.9	60.2	65.8	—	64.9

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Nebraska						
March 1994	W	89.4	50.5	57.3	—	W
February 1994	W	W	58.6	60.9	—	64.4
March 1993	W	95.8	61.2	70.5	—	W
North Dakota						
March 1994	91.5	W	58.9	67.3	—	W
February 1994	W	W	63.5	70.3	NA	70.8
March 1993	95.8	W	68.4	71.5	W	W
Ohio						
March 1994	W	89.5	50.3	NA	83.0	67.3
February 1994	W	91.7	58.3	58.7	87.2	79.5
March 1993	W	94.8	61.3	62.4	81.2	69.5
Oklahoma						
March 1994	W	84.6	47.8	53.8	—	W
February 1994	W	84.0	54.6	55.2	W	59.2
March 1993	W	92.2	58.4	60.8	—	68.7
South Dakota						
March 1994	W	W	60.2	W	—	W
February 1994	W	W	63.7	W	—	66.9
March 1993	W	98.8	70.3	W	—	W
Tennessee						
March 1994	89.1	90.3	52.7	55.3	81.5	58.8
February 1994	88.4	90.8	58.0	60.2	82.6	70.2
March 1993	97.8	95.1	59.2	64.0	103.3	66.4
Wisconsin						
March 1994	W	90.4	49.6	53.6	W	65.1
February 1994	W	90.0	56.5	59.2	W	68.8
March 1993	—	95.4	60.6	65.3	W	W
PAD District III						
March 1994	83.7	76.1	47.6	47.6	75.9	48.4
February 1994	82.7	76.6	52.9	54.5	82.2	57.0
March 1993	95.8	87.3	57.0	57.3	86.0	57.6
Alabama						
March 1994	88.6	89.3	53.0	53.8	NA	58.3
February 1994	85.0	90.0	58.9	61.0	NA	68.3
March 1993	98.9	97.2	62.3	64.9	W	64.6
Arkansas						
March 1994	W	W	53.3	55.7	W	59.2
February 1994	W	W	58.7	60.0	W	W
March 1993	W	W	63.3	65.4	W	65.5
Louisiana						
March 1994	W	82.2	49.0	47.5	W	47.4
February 1994	W	81.8	53.6	55.1	W	NA
March 1993	W	88.4	57.3	57.1	W	W
Mississippi						
March 1994	W	86.9	48.4	NA	W	W
February 1994	W	87.9	53.4	56.9	W	W
March 1993	W	97.9	56.5	58.4	—	W
New Mexico						
March 1994	W	W	48.7	51.4	—	W
February 1994	W	W	53.1	56.1	—	75.2
March 1993	W	W	61.6	65.5	W	64.2
Texas						
March 1994	NA	73.1	47.1	47.4	W	56.8
February 1994	81.4	72.5	52.5	53.6	W	61.3
March 1993	95.2	84.2	56.8	57.1	W	64.6
PAD District IV						
March 1994	93.8	93.8	56.0	60.3	W	62.2
February 1994	92.9	93.3	57.7	62.1	W	59.6
March 1993	101.7	101.9	63.6	68.2	—	72.6
Colorado						
March 1994	W	92.3	50.8	55.3	—	59.7
February 1994	W	92.3	55.3	59.8	—	57.8
March 1993	W	101.8	60.3	66.1	—	W

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Idaho						
March 1994	W	W	67.1	70.3	—	—
February 1994	W	W	68.7	69.4	—	—
March 1993	W	W	74.8	77.5	—	W
Montana						
March 1994	W	W	65.3	W	—	62.1
February 1994	W	W	63.6	W	—	60.3
March 1993	W	W	73.3	W	—	—
Utah						
March 1994	96.5	92.8	61.3	63.8	—	W
February 1994	99.1	91.5	60.1	62.8	—	W
March 1993	W	100.9	67.2	70.0	—	W
Wyoming						
March 1994	W	W	74.0	W	W	—
February 1994	95.5	W	71.2	W	W	W
March 1993	103.2	W	79.3	W	—	W
PAD District V						
March 1994	98.9	94.2	57.7	57.9	W	56.9
February 1994	97.0	94.4	54.7	54.1	61.3	53.2
March 1993	109.1	105.5	64.4	63.9	W	66.9
Alaska						
March 1994	W	112.1	61.2	61.0	—	—
February 1994	W	113.0	58.9	54.3	—	—
March 1993	W	W	68.8	NA	—	—
Arizona						
March 1994	W	90.0	61.8	61.2	W	W
February 1994	W	93.3	55.2	57.4	W	W
March 1993	102.5	101.5	65.7	68.2	W	W
California						
March 1994	95.9	90.7	55.9	56.9	—	55.8
February 1994	94.0	90.4	53.6	53.2	—	52.6
March 1993	110.1	103.8	63.3	63.2	—	63.7
Hawaii						
March 1994	W	W	60.7	W	—	—
February 1994	W	W	58.1	W	—	—
March 1993	W	W	68.1	92.8	—	—
Nevada						
March 1994	W	W	61.9	62.6	—	—
February 1994	W	93.0	56.4	56.6	—	—
March 1993	W	W	66.1	65.5	—	—
Oregon						
March 1994	W	92.8	59.5	61.2	W	W
February 1994	W	93.6	54.8	57.8	W	W
March 1993	W	103.1	64.1	68.9	W	W
Washington						
March 1994	W	W	57.5	60.1	W	64.3
February 1994	W	W	53.5	56.3	W	W
March 1993	W	104.8	62.7	63.9	—	W

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

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

Geographic Area Month	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
United States						
March 1994	64.0	61.3	55.8	51.8	50.9	48.7
February 1994	67.5	63.7	56.8	53.3	55.4	52.9
March 1993	69.2	67.4	63.3	59.5	54.5	53.8
PAD District I						
March 1994	67.1	64.2	57.1	51.8	53.2	49.9
February 1994	84.2	80.5	60.9	58.7	57.5	53.8
March 1993	67.6	65.7	64.3	59.6	54.3	54.5
Subdistrict IA						
March 1994	66.2	65.1	62.3	52.5	W	W
February 1994	83.6	78.4	66.3	57.9	W	W
March 1993	66.5	66.6	67.5	60.8	W	W
Connecticut						
March 1994	66.3	64.1	55.9	52.7	W	W
February 1994	84.7	79.5	62.3	58.0	W	W
March 1993	69.3	66.6	63.7	60.3	-	-
Maine						
March 1994	W	65.9	56.9	51.9	W	W
February 1994	W	75.8	63.1	57.7	W	W
March 1993	W	67.7	61.8	61.4	-	-
Massachusetts						
March 1994	W	W	63.5	53.1	W	W
February 1994	W	W	66.3	58.2	W	-
March 1993	W	W	69.1	61.2	-	-
New Hampshire						
March 1994	W	W	66.7	54.1	W	W
February 1994	W	66.0	69.4	60.6	W	W
March 1993	W	W	61.1	61.6	-	-
Rhode Island						
March 1994	W	W	65.3	50.7	W	-
February 1994	W	-	72.2	56.5	W	-
March 1993	64.6	W	70.5	60.3	-	-
Vermont						
March 1994	W	69.8	60.7	56.3	W	-
February 1994	W	W	70.2	61.5	W	-
March 1993	-	W	64.9	63.0	-	-
Subdistrict IB						
March 1994	67.2	64.8	60.9	52.2	W	50.2
February 1994	87.0	81.6	65.5	57.9	W	54.8
March 1993	68.5	65.4	67.1	59.7	W	56.0
Delaware						
March 1994	-	-	55.8	W	W	-
February 1994	-	-	61.9	57.5	W	-
March 1993	W	W	62.3	59.4	-	-
District of Columbia						
March 1994	-	-	W	50.8	W	-
February 1994	-	-	57.5	51.0	W	-
March 1993	-	-	W	59.0	-	-
Maryland						
March 1994	64.6	W	52.4	52.1	W	W
February 1994	80.7	85.0	56.5	57.9	W	W
March 1993	69.4	68.2	60.5	60.1	-	-
New Jersey						
March 1994	W	W	57.0	51.1	55.5	50.9
February 1994	W	W	62.6	56.9	60.6	55.8
March 1993	65.1	61.5	63.9	59.0	-	-
New York						
March 1994	W	W	65.1	54.0	W	W
February 1994	W	W	69.4	60.4	W	W
March 1993	W	66.5	71.7	60.0	-	-
Pennsylvania						
March 1994	69.3	64.4	64.6	52.4	W	-
February 1994	83.4	82.2	68.7	57.6	W	W
March 1993	70.2	65.6	68.4	60.2	-	-

See footnotes at end of table.

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

Geographic Area Month	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Subdistrict IC						
March 1994	68.6	62.0	53.6	50.8	51.1	W
February 1994	76.9	76.2	56.1	53.8	55.2	W
March 1993	67.2	65.2	62.0	59.1	46.3	W
Florida						
March 1994	—	W	55.1	52.0	W	—
February 1994	—	—	57.0	54.7	W	—
March 1993	W	W	62.3	59.3	—	—
Georgia						
March 1994	—	—	53.0	50.0	W	—
February 1994	W	W	55.4	52.2	W	—
March 1993	W	W	62.1	58.9	—	—
North Carolina						
March 1994	W	57.6	50.9	49.6	W	—
February 1994	63.8	NA	54.4	53.4	W	—
March 1993	64.6	62.2	60.4	58.8	—	—
South Carolina						
March 1994	W	NA	53.8	50.1	W	—
February 1994	—	W	57.0	54.0	W	—
March 1993	W	—	61.8	59.2	—	—
Virginia						
March 1994	59.2	61.9	50.5	50.6	W	W
February 1994	70.1	74.4	54.2	54.0	W	W
March 1993	62.8	64.7	61.8	59.1	—	—
West Virginia						
March 1994	W	70.7	59.6	55.7	W	—
February 1994	W	77.6	60.2	56.8	—	—
March 1993	78.4	72.7	64.3	60.8	—	—
PAD District II						
March 1994	62.4	59.1	54.2	52.7	W	—
February 1994	65.6	62.5	54.3	51.6	49.3	W
March 1993	65.8	65.8	62.3	60.2	W	W
Illinois						
March 1994	W	61.8	52.7	51.6	W	—
February 1994	66.1	66.4	51.6	50.2	W	—
March 1993	W	63.3	61.4	58.9	—	—
Indiana						
March 1994	61.0	56.3	53.5	53.2	W	—
February 1994	66.5	59.9	53.3	50.5	W	—
March 1993	66.9	64.9	61.3	59.7	—	—
Iowa						
March 1994	62.4	60.1	54.4	54.1	—	—
February 1994	59.9	59.8	53.2	51.4	—	—
March 1993	W	66.6	62.1	61.5	—	—
Kansas						
March 1994	60.5	56.1	50.8	51.6	—	—
February 1994	58.5	56.1	52.3	48.7	—	—
March 1993	65.4	62.7	60.3	58.8	—	—
Kentucky						
March 1994	66.2	66.2	55.5	54.1	W	—
February 1994	83.1	71.1	56.7	53.9	W	—
March 1993	70.2	67.9	63.1	60.3	—	—
Michigan						
March 1994	64.8	60.1	55.0	52.8	—	—
February 1994	66.8	64.6	53.7	51.9	—	—
March 1993	66.5	66.6	61.9	60.6	—	—
Minnesota						
March 1994	62.1	60.3	52.4	54.1	—	—
February 1994	62.9	63.1	53.7	52.7	W	—
March 1993	65.4	68.0	61.7	62.6	—	—
Missouri						
March 1994	W	60.7	54.2	53.1	—	—
February 1994	W	58.8	52.1	51.1	—	—
March 1993	65.6	65.3	62.3	59.6	—	—

See footnotes at end of table.

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

Geographic Area Month	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Nebraska						
March 1994	W	60.4	56.5	53.6	-	-
February 1994	W	59.5	50.7	51.4	-	-
March 1993	W	66.4	W	61.5	-	-
North Dakota						
March 1994	W	61.7	49.9	55.4	-	-
February 1994	64.1	64.0	W	53.4	-	-
March 1993	66.6	69.1	W	63.8	-	-
Ohio						
March 1994	66.2	64.7	59.0	55.6	W	-
February 1994	75.2	72.1	58.6	55.3	W	-
March 1993	73.8	67.3	65.1	62.2	-	-
Oklahoma						
March 1994	W	51.9	47.8	49.7	-	-
February 1994	61.3	51.8	48.2	48.3	-	-
March 1993	66.7	61.3	59.9	57.9	-	-
South Dakota						
March 1994	W	61.0	56.0	54.3	-	-
February 1994	62.6	61.8	W	52.5	-	-
March 1993	67.8	68.0	62.0	62.3	-	-
Tennessee						
March 1994	-	W	51.7	50.6	W	-
February 1994	W	W	53.3	52.8	W	W
March 1993	63.3	64.6	61.5	58.4	-	-
Wisconsin						
March 1994	59.1	58.1	54.5	51.8	W	-
February 1994	64.3	65.8	54.8	51.3	W	-
March 1993	66.4	66.1	61.9	60.5	-	-
PAD District III						
March 1994	W	63.7	51.4	47.2	W	W
February 1994	58.2	60.2	52.7	49.1	W	W
March 1993	64.1	62.3	61.4	57.0	W	-
Alabama						
March 1994	-	W	50.9	48.3	-	-
February 1994	-	W	53.2	51.4	-	-
March 1993	63.7	W	60.2	58.1	-	-
Arkansas						
March 1994	-	W	53.9	50.0	-	-
February 1994	-	58.9	54.7	50.4	-	-
March 1993	W	W	61.7	58.4	-	-
Louisiana						
March 1994	-	-	48.8	45.7	-	-
February 1994	-	W	50.6	48.8	-	-
March 1993	W	W	59.4	55.9	-	-
Mississippi						
March 1994	-	-	49.9	47.5	W	W
February 1994	-	-	53.5	49.8	W	W
March 1993	63.8	W	59.4	55.6	-	-
New Mexico						
March 1994	W	70.0	63.4	57.4	-	-
February 1994	W	68.3	63.5	54.4	-	-
March 1993	W	75.1	71.2	65.8	-	-
Texas						
March 1994	W	62.1	51.5	46.8	-	-
February 1994	W	57.1	52.3	48.6	-	-
March 1993	W	67.6	61.2	56.9	-	-
PAD District IV						
March 1994	70.2	62.0	54.5	54.7	-	-
February 1994	68.1	62.4	53.0	53.1	-	-
March 1993	75.6	72.4	64.5	64.5	-	W
Colorado						
March 1994	W	58.4	52.8	51.6	-	-
February 1994	72.2	57.0	53.2	50.2	-	-
March 1993	79.7	70.5	64.3	63.4	-	-

See footnotes at end of table.

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

Geographic Area Month	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Idaho						
March 1994	W	68.7	W	59.3	-	-
February 1994	69.6	68.8	W	57.5	-	-
March 1993	W	76.2	W	67.4	-	-
Montana						
March 1994	63.6	60.0	51.3	52.9	-	-
February 1994	60.0	60.8	49.3	50.1	-	-
March 1993	70.4	71.8	62.0	62.0	-	-
Utah						
March 1994	66.6	68.6	57.0	57.9	-	-
February 1994	69.2	67.7	55.2	56.2	-	-
March 1993	75.8	76.4	66.0	67.3	-	-
Wyoming						
March 1994	63.6	63.5	54.6	54.1	-	-
February 1994	62.1	62.9	54.1	52.5	-	-
March 1993	72.7	71.4	63.7	62.6	-	-
PAD District V						
March 1994	66.5	67.7	62.1	58.3	W	39.6
February 1994	71.0	68.0	58.5	54.1	W	38.6
March 1993	79.6	73.6	65.7	60.7	W	W
Alaska						
March 1994	65.7	67.7	78.3	57.1	W	W
February 1994	70.8	70.3	78.4	48.7	W	W
March 1993	85.2	75.9	80.1	62.8	-	-
Arizona						
March 1994	W	72.5	63.3	57.7	-	-
February 1994	W	65.2	57.9	52.6	-	-
March 1993	W	79.1	70.2	66.6	-	-
California						
March 1994	W	W	64.6	60.4	-	W
February 1994	W	64.4	59.1	55.5	-	W
March 1993	W	68.3	64.7	59.5	-	-
Hawaii						
March 1994	-	-	W	76.4	-	-
February 1994	-	-	W	76.1	-	-
March 1993	W	W	65.4	72.7	-	-
Nevada						
March 1994	W	W	59.8	58.3	W	W
February 1994	W	64.4	54.0	55.6	-	W
March 1993	W	71.6	66.4	63.3	-	-
Oregon						
March 1994	W	68.3	56.6	55.9	-	-
February 1994	79.5	67.6	57.7	55.3	-	-
March 1993	76.9	71.5	62.6	61.4	-	-
Washington						
March 1994	80.6	65.3	58.8	52.7	-	W
February 1994	77.5	62.6	56.1	50.5	-	W
March 1993	79.8	71.3	63.9	59.9	-	-

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

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

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

Table 38. Propane (Consumer Grade) Prices by Sales Type and PAD District
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users							Sales for Resale
	Residential Consumers	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets	Petro- Chemical	Other End Users	Average	
United States								
March 1994	92.1	76.7	66.2	73.6	28.8	67.3	81.8	33.3
February 1994	90.3	73.1	66.2	74.8	28.7	68.2	81.6	35.4
March 1993	-	-	-	-	-	-	-	-
PAD District I								
March 1994	112.1	81.9	71.5	69.7	-	70.1	99.0	40.8
February 1994	111.6	81.3	72.6	70.2	-	72.8	98.9	44.8
March 1993	-	-	-	-	-	-	-	-
Subdistrict IA								
March 1994	114.6	84.3	81.0	65.1	-	99.3	105.1	48.3
February 1994	114.4	84.3	80.7	65.8	-	96.3	104.9	49.0
March 1993	-	-	-	-	-	-	-	-
Subdistrict IB								
March 1994	118.7	90.6	74.6	72.0	-	73.7	106.5	41.8
February 1994	119.8	91.2	72.7	77.4	-	74.9	107.0	45.3
March 1993	-	-	-	-	-	-	-	-
Subdistrict IC								
March 1994	105.2	75.7	68.3	69.7	-	65.9	91.2	39.0
February 1994	104.9	74.5	71.8	66.8	-	70.0	92.0	43.5
March 1993	-	-	-	-	-	-	-	-
PAD District II								
March 1994	75.4	68.9	65.3	75.6	W	65.9	72.6	31.9
February 1994	75.2	69.3	63.6	77.2	-	66.1	72.7	34.0
March 1993	-	-	-	-	-	-	-	-
PAD District III								
March 1994	87.3	NA	49.7	70.1	28.5	57.1	62.9	29.8
February 1994	87.7	54.4	53.0	68.6	28.7	60.6	65.8	31.0
March 1993	-	-	-	-	-	-	-	-
PAD District IV								
March 1994	79.2	66.8	64.9	65.7	-	68.6	74.7	31.7
February 1994	79.9	73.1	67.3	66.4	-	70.3	76.7	34.6
March 1993	-	-	-	-	-	-	-	-
PAD District V								
March 1994	107.9	86.4	79.0	78.6	-	86.0	96.7	41.4
February 1994	109.9	83.4	82.0	80.1	-	82.6	97.7	41.9
March 1993	-	-	-	-	-	-	-	-

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

Table 39. No. 2 Distillate^a Prices by Sales Type, PAD District, and Selected States^b
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users						Sales for Resale
	Residential Consumers	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets ^c	Other End Users ^d	Average	
United States							
March 1994	91.4	59.0	63.3	67.4	65.6	69.9	52.8
February 1994	92.8	61.1	64.8	67.5	65.0	72.9	54.7
March 1993	95.4	65.3	67.8	72.2	71.7	78.1	60.1
PAD District I							
March 1994	92.7	63.3	63.8	68.8	62.8	77.6	52.8
February 1994	94.5	67.9	68.1	70.5	64.6	81.5	57.8
March 1993	96.5	68.6	68.1	72.3	68.5	82.7	60.3
Subdistrict IA							
March 1994	89.3	70.2	69.9	80.9	63.7	83.6	53.0
February 1994	91.5	75.4	74.7	81.8	66.5	86.8	59.2
March 1993	93.5	73.1	70.2	82.6	73.4	87.3	61.5
Connecticut							
March 1994	92.0	69.9	71.7	79.3	63.9	86.5	52.3
February 1994	95.8	73.8	75.8	81.0	65.5	89.2	58.9
March 1993	96.7	73.6	67.2	NA	70.8	91.4	60.8
Maine							
March 1994	85.9	69.2	68.5	84.8	68.1	80.1	54.5
February 1994	90.4	75.5	74.6	85.4	75.3	85.4	60.3
March 1993	86.5	72.3	71.9	80.3	74.5	81.1	62.2
Massachusetts							
March 1994	89.1	69.6	70.0	78.3	60.3	82.8	53.2
February 1994	91.0	75.5	73.2	78.7	62.4	85.8	59.5
March 1993	94.8	72.6	70.8	80.7	69.7	86.8	61.7
New Hampshire							
March 1994	83.6	71.4	69.4	79.6	69.7	80.7	53.9
February 1994	86.6	75.5	74.0	79.5	72.5	83.8	57.8
March 1993	86.6	73.8	65.1	77.9	NA	84.0	62.2
Rhode Island							
March 1994	90.0	75.3	66.3	71.7	57.7	86.4	51.8
February 1994	91.7	81.7	72.0	NA	61.0	89.5	58.6
March 1993	92.4	75.8	71.1	76.8	64.4	86.7	60.8
Vermont							
March 1994	90.9	73.3	72.7	78.6	69.1	85.0	58.6
February 1994	91.6	76.0	80.7	80.8	73.5	86.5	62.6
March 1993	93.7	75.0	72.4	80.4	NA	87.1	64.2
Subdistrict IB							
March 1994	95.5	66.2	66.2	74.0	61.7	82.6	53.1
February 1994	97.2	71.1	70.6	76.3	64.7	85.9	58.4
March 1993	98.6	71.0	70.3	75.3	68.5	87.6	60.1
Delaware							
March 1994	91.1	59.1	64.3	69.4	62.2	78.7	51.8
February 1994	91.5	65.2	68.0	70.5	65.3	82.3	56.0
March 1993	92.4	66.4	66.7	72.8	65.7	82.5	60.1
District of Columbia							
March 1994	102.0	62.5	70.3	W	49.4	58.3	56.3
February 1994	105.5	67.3	W	W	W	71.6	59.9
March 1993	108.5	67.1	W	W	63.6	75.7	59.1
Maryland							
March 1994	96.4	60.0	63.6	72.3	56.7	75.3	52.6
February 1994	99.2	64.3	68.3	75.5	59.1	80.1	58.5
March 1993	101.7	68.1	68.1	75.5	67.2	83.1	60.8
New Jersey							
March 1994	94.6	62.8	59.3	73.1	60.6	82.3	51.2
February 1994	96.0	68.8	68.3	72.7	62.9	85.3	56.4
March 1993	96.2	68.5	65.9	76.1	W	84.4	59.0
New York							
March 1994	99.6	71.8	71.8	81.6	63.3	88.8	54.9
February 1994	100.9	77.0	73.7	82.4	66.3	91.8	60.2
March 1993	104.2	76.2	77.1	78.3	70.9	95.9	60.6

See footnotes at end of table.

Table 39. No. 2 Distillate^a Prices by Sales Type, PAD District, and Selected States^b
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sales to End Users						Sales for Resale
	Residential Consumers	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets ^c	Other End Users ^d	Average	
Pennsylvania							
March 1994	90.4	85.7	88.6	71.6	86.9	79.6	54.1
February 1994	92.6	89.5	70.6	75.1	85.5	81.9	59.2
March 1993	89.8	88.6	70.0	74.0	89.9	80.8	61.0
Subdistrict IC							
March 1994	88.1	56.3	61.2	65.5	83.5	63.6	51.8
February 1994	89.9	59.2	65.0	68.9	83.8	67.1	54.9
March 1993	95.4	63.3	66.1	69.8	88.1	72.1	59.8
Virginia							
March 1994	86.6	57.7	59.2	67.4	84.7	67.3	51.3
February 1994	88.6	61.5	NA	68.6	81.9	71.9	55.0
March 1993	94.2	66.0	67.4	70.2	70.9	75.8	59.3
West Virginia							
March 1994	85.1	59.5	62.6	70.3	61.9	64.2	56.3
February 1994	86.4	60.9	64.6	70.0	83.2	66.3	57.6
March 1993	89.9	64.5	68.8	75.5	67.5	69.0	61.4
PAD District II							
March 1994	81.5	55.2	62.7	65.4	68.3	63.3	53.5
February 1994	82.0	55.5	63.4	65.5	66.3	64.2	52.6
March 1993	85.4	62.7	68.5	70.2	74.4	69.7	60.8
Illinois							
March 1994	77.4	57.4	67.2	67.7	68.2	63.6	52.9
February 1994	81.6	57.0	65.6	67.7	66.0	63.5	51.4
March 1993	90.0	65.7	73.9	71.5	73.4	71.0	60.0
Indiana							
March 1994	80.7	56.0	60.7	65.0	73.3	63.9	53.5
February 1994	81.9	54.4	60.3	66.1	72.8	64.4	51.0
March 1993	83.1	61.7	65.9	68.1	80.3	68.1	59.9
Michigan							
March 1994	87.8	61.0	62.8	70.2	70.5	69.5	54.4
February 1994	88.0	60.5	63.0	70.1	65.4	70.5	53.6
March 1993	90.1	63.8	71.7	72.7	76.1	74.9	61.7
Minnesota							
March 1994	80.2	57.2	66.5	69.8	69.8	67.3	56.3
February 1994	80.8	59.9	67.3	70.8	66.1	69.9	55.7
March 1993	83.9	65.2	68.3	72.9	77.4	74.9	63.1
Ohio							
March 1994	81.8	57.2	61.7	67.2	71.9	65.4	55.8
February 1994	84.0	57.4	63.3	66.4	70.8	66.9	55.2
March 1993	86.6	64.1	69.1	70.6	74.4	70.2	62.3
Wisconsin							
March 1994	82.0	58.6	64.1	66.4	65.5	67.2	53.4
February 1994	81.8	58.6	62.6	66.2	65.8	69.5	52.9
March 1993	84.0	65.2	67.0	72.0	77.7	74.3	61.2
PAD District III							
March 1994	76.1	51.8	56.9	65.3	60.9	57.6	47.8
February 1994	79.6	53.4	58.1	65.1	61.9	58.5	49.6
March 1993	NA	59.5	63.7	71.6	71.1	65.0	57.2
PAD District IV							
March 1994	75.9	57.4	64.2	68.9	70.2	63.9	56.2
February 1994	74.3	55.9	64.8	67.9	71.1	62.8	54.6
March 1993	86.9	66.8	70.7	77.3	76.1	72.4	65.0
Idaho							
March 1994	77.2	61.9	66.3	75.0	71.5	69.8	59.7
February 1994	73.8	58.3	66.9	72.3	71.1	67.7	58.4
March 1993	87.8	69.1	73.4	79.4	79.0	77.0	68.1

See footnotes at end of table.

Table 39. No. 2 Distillate^a Prices by Sales Type, PAD District, and Selected States^b
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sales to End Users						Sales for Resale
	Residential Consumers	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets ^c	Other End Users ^d	Average	
PAD District V							
March 1994	93.0	64.9	70.8	74.2	69.8	70.2	58.8
February 1994	92.4	61.9	69.3	72.0	66.0	68.1	54.8
March 1993	96.2	67.8	72.4	78.6	72.7	73.8	61.8
Alaska							
March 1994	89.8	80.1	81.7	NA	76.2	83.2	59.5
February 1994	88.5	NA	80.2	88.6	77.3	83.9	51.0
March 1993	94.2	87.3	86.6	89.1	81.7	88.4	66.4
Oregon							
March 1994	86.5	61.3	65.5	69.7	68.8	67.6	56.5
February 1994	87.9	60.8	65.1	69.6	69.1	68.0	56.1
March 1993	90.7	66.7	74.7	78.0	77.7	74.2	61.9
Washington							
March 1994	97.7	59.7	64.3	72.7	68.6	68.1	53.2
February 1994	96.2	58.4	66.1	71.1	67.5	70.3	51.1
March 1993	99.7	64.7	70.2	77.9	72.6	77.3	61.1

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

^c Includes low-sulfur diesel fuel only with the exception of Alaska, which currently is exempt from the Clean Air Act's diesel fuel sulfur content requirement.

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

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

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

Table 40. No. 2 Diesel Fuel Prices by Sales Type, PAD District, and Selected States
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users					Sales for Resale
	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets ^a	Other End Users ^b	Average	
United States						
March 1994	57.1	63.5	67.4	66.2	62.4	53.8
February 1994	58.0	64.3	67.5	65.5	62.8	53.9
March 1993	-	-	-	-	-	-
PAD District I						
March 1994	59.0	64.5	68.8	64.4	63.3	53.7
February 1994	62.9	67.8	70.5	66.4	66.2	57.2
March 1993	-	-	-	-	-	-
Subdistrict IA						
March 1994	66.0	73.3	80.9	66.0	69.9	56.3
February 1994	71.4	78.7	81.8	69.4	73.8	62.2
March 1993	-	-	-	-	-	-
Connecticut						
March 1994	63.3	64.4	79.3	67.6	65.0	55.5
February 1994	69.2	71.3	81.0	68.5	70.3	62.5
March 1993	-	-	-	-	-	-
Maine						
March 1994	68.4	78.7	84.8	69.4	75.5	58.2
February 1994	74.7	83.6	85.4	76.9	80.2	66.1
March 1993	-	-	-	-	-	-
Massachusetts						
March 1994	65.5	NA	78.3	61.8	68.0	54.9
February 1994	71.1	83.3	78.7	61.6	71.6	58.5
March 1993	-	-	-	-	-	-
New Hampshire						
March 1994	69.4	NA	79.6	68.2	75.0	60.0
February 1994	72.6	74.0	79.5	73.8	76.4	67.8
March 1993	-	-	-	-	-	-
Rhode Island						
March 1994	69.2	63.8	NA	57.2	68.2	56.1
February 1994	73.5	68.7	78.9	61.6	72.0	64.0
March 1993	-	-	-	-	-	-
Vermont						
March 1994	71.7	75.7	78.6	70.7	73.6	61.5
February 1994	74.7	81.6	80.8	75.6	76.6	67.2
March 1993	-	-	-	-	-	-
Subdistrict IB						
March 1994	61.7	68.3	74.0	64.4	65.7	54.7
February 1994	66.9	72.1	76.3	67.7	69.6	59.7
March 1993	-	-	-	-	-	-
Delaware						
March 1994	57.1	66.9	69.4	68.3	64.8	53.1
February 1994	62.7	69.8	70.5	74.7	68.5	58.1
March 1993	-	-	-	-	-	-
District of Columbia						
March 1994	51.2	70.1	W	61.9	56.6	58.9
February 1994	57.7	NA	W	59.5	60.9	62.6
March 1993	-	-	-	-	-	-
Maryland						
March 1994	57.9	62.6	72.3	60.9	61.6	55.1
February 1994	59.7	66.5	75.5	62.5	63.6	59.8
March 1993	-	-	-	-	-	-
New Jersey						
March 1994	59.1	59.8	73.1	61.5	61.9	53.1
February 1994	65.2	67.4	72.7	64.6	66.6	57.9
March 1993	-	-	-	-	-	-
New York						
March 1994	68.0	78.4	81.6	64.2	71.3	56.3
February 1994	75.7	79.6	82.4	NA	76.1	63.0
March 1993	-	-	-	-	-	-

See footnotes at end of table.

Table 40. No. 2 Diesel Fuel Prices by Sales Type, PAD District, and Selected States
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sales to End Users					Sales for Resale
	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets ^a	Other End Users ^b	Average	
Pennsylvania						
March 1994	61.0	66.4	71.6	65.5	65.6	55.1
February 1994	65.3	70.8	75.1	68.8	69.2	59.6
March 1993	—	—	—	—	—	—
Subdistrict IC						
March 1994	55.7	61.9	65.5	64.1	61.0	52.5
February 1994	58.0	65.0	68.9	65.3	62.9	54.9
March 1993	—	—	—	—	—	—
Virginia						
March 1994	58.9	59.9	67.4	66.4	61.4	52.9
February 1994	59.6	64.4	68.6	66.5	64.0	55.3
March 1993	—	—	—	—	—	—
West Virginia						
March 1994	59.8	63.2	70.3	62.0	62.7	57.3
February 1994	60.8	65.2	70.0	62.1	63.9	57.8
March 1993	—	—	—	—	—	—
PAD District II						
March 1994	55.1	62.9	65.4	68.3	61.5	54.2
February 1994	55.3	63.7	65.5	66.2	61.3	52.9
March 1993	—	—	—	—	—	—
Illinois						
March 1994	57.4	67.4	67.7	68.8	63.0	54.4
February 1994	57.2	66.2	67.7	66.3	62.4	52.4
March 1993	—	—	—	—	—	—
Indiana						
March 1994	56.2	60.7	65.0	74.7	63.2	54.4
February 1994	54.5	60.4	66.1	74.0	62.8	51.1
March 1993	—	—	—	—	—	—
Michigan						
March 1994	61.5	63.4	70.2	69.1	65.3	55.4
February 1994	60.8	64.1	70.1	65.8	64.8	54.3
March 1993	—	—	—	—	—	—
Minnesota						
March 1994	56.2	66.9	69.8	70.9	64.1	56.9
February 1994	58.3	69.4	70.8	69.6	64.9	56.1
March 1993	—	—	—	—	—	—
Ohio						
March 1994	57.6	61.5	67.2	73.2	63.0	56.9
February 1994	57.5	63.1	66.4	73.7	63.0	55.5
March 1993	—	—	—	—	—	—
Wisconsin						
March 1994	58.4	64.2	66.4	64.7	62.9	54.2
February 1994	58.0	62.7	66.2	61.9	63.1	53.4
March 1993	—	—	—	—	—	—
PAD District III						
March 1994	51.7	56.8	65.3	60.9	57.6	49.5
February 1994	53.3	58.1	65.1	61.9	58.5	50.6
March 1993	—	—	—	—	—	—
PAD District IV						
March 1994	57.3	64.3	66.9	70.2	63.7	56.2
February 1994	55.7	65.0	67.9	71.0	62.3	54.6
March 1993	—	—	—	—	—	—
Idaho						
March 1994	61.8	66.3	75.0	71.4	69.2	59.6
February 1994	58.0	66.9	72.3	70.8	66.9	58.4
March 1993	—	—	—	—	—	—

See footnotes at end of table.

Table 40. No. 2 Diesel Fuel Prices by Sales Type, PAD District, and Selected States
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sales to End Users					Sales for Resale
	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets ^a	Other End Users ^b	Average	
PAD District V						
March 1994	64.7	70.7	74.2	69.8	69.7	58.8
February 1994	61.4	69.1	72.0	66.0	65.8	55.1
March 1993	-	-	-	-	-	-
Alaska						
March 1994	80.1	80.6	NA	81.0	81.4	58.9
February 1994	NA	79.0	88.8	82.2	82.7	58.4
March 1993	-	-	-	-	-	-
Oregon						
March 1994	61.1	65.5	69.7	68.7	66.2	56.5
February 1994	60.7	65.1	69.6	69.1	65.5	56.1
March 1993	-	-	-	-	-	-
Washington						
March 1994	59.4	64.0	72.7	68.9	63.5	53.1
February 1994	57.9	65.8	71.1	67.7	63.5	50.9
March 1993	-	-	-	-	-	-

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a Includes low-sulfur diesel fuel only with the exception of Alaska, which currently is exempt from the Clean Air Act's diesel fuel sulfur content requirement.

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

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

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

Table 41. No. 2 Diesel Fuel Prices by Sulfur Content, Sales Type, and PAD District
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Low-Sulfur Diesel Fuel						High-Sulfur Diesel Fuel				
	Sales to End Users					Sales for Resale	Sales to End Users				Sales for Resale
	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets ^a	Other End Users ^b	Average		Commercial/ Institutional Consumers	Industrial Consumers	Other End Users ^b	Average	
United States											
March 1994	59.3	65.4	67.4	67.1	64.2	54.6	53.6	61.5	64.9	58.3	50.7
February 1994	59.8	66.0	67.5	66.3	64.2	54.3	55.2	62.6	64.3	59.4	52.0
March 1993	-	-	-	-	-	-	-	-	-	-	-
PAD District I											
March 1994	60.2	64.0	68.8	63.3	64.1	54.3	56.2	64.9	65.6	61.2	49.8
February 1994	64.0	67.7	70.5	65.8	66.9	57.7	60.3	68.0	67.3	64.4	53.9
March 1993	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IA											
March 1994	65.8	74.1	80.9	66.4	70.3	57.4	67.2	69.3	64.1	67.4	W
February 1994	71.7	79.7	81.8	69.4	74.4	64.8	70.2	72.2	69.7	70.5	W
March 1993	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IB											
March 1994	62.5	65.9	74.0	63.6	66.2	55.3	59.2	72.5	67.1	63.7	51.1
February 1994	68.2	70.6	76.3	66.7	70.4	59.9	63.3	75.0	71.1	67.2	58.0
March 1993	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IC											
March 1994	56.8	61.0	65.5	62.1	61.5	53.1	53.5	62.5	65.4	59.9	48.9
February 1994	58.3	63.4	66.9	63.8	62.9	55.2	57.4	66.0	66.4	62.8	52.9
March 1993	-	-	-	-	-	-	-	-	-	-	-
PAD District II											
March 1994	57.0	63.2	65.4	68.4	62.6	54.7	51.8	62.6	68.2	58.6	51.6
February 1994	56.3	62.9	65.5	67.1	62.0	52.9	53.2	64.5	64.4	59.1	52.8
March 1993	-	-	-	-	-	-	-	-	-	-	-
PAD District III											
March 1994	55.5	59.8	65.3	63.5	61.6	51.0	49.2	55.1	58.2	52.2	46.0
February 1994	56.5	61.0	65.1	62.9	61.8	51.4	51.3	56.6	60.8	54.1	48.7
March 1993	-	-	-	-	-	-	-	-	-	-	-
PAD District IV											
March 1994	58.5	63.5	68.9	70.3	64.9	56.6	55.4	66.3	70.0	60.1	54.2
February 1994	55.3	65.1	67.9	70.8	63.3	55.0	56.3	64.6	71.6	59.6	52.6
March 1993	-	-	-	-	-	-	-	-	-	-	-
PAD District V											
March 1994	67.5	71.9	74.2	71.2	70.9	59.4	61.1	66.5	66.9	64.0	57.2
February 1994	63.1	71.0	72.0	67.4	67.5	55.5	58.9	62.5	63.1	62.0	54.3
March 1993	-	-	-	-	-	-	-	-	-	-	-

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^a Includes low-sulfur diesel fuel only with the exception of Alaska, which currently is exempt from the Clean Air Act's diesel fuel sulfur content requirement.

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

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

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

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

Table 42. Residual Fuel Oil Prices by PAD District and State
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
United States						
March 1994	39.9	32.9	29.9	26.3	34.0	29.4
February 1994	43.1	37.6	31.8	27.4	37.5	33.3
March 1993	42.1	40.4	32.9	29.2	36.4	34.3
PAD District I						
March 1994	41.4	38.4	31.9	29.7	36.7	34.2
February 1994	44.8	43.3	34.2	32.8	40.5	40.4
March 1993	42.2	42.8	35.1	33.9	38.5	40.5
Subdistrict IA						
March 1994	41.5	35.2	31.2	27.9	36.4	31.8
February 1994	42.6	40.8	34.2	34.3	39.2	38.4
March 1993	38.4	38.9	32.6	35.6	36.2	38.8
Connecticut						
March 1994	44.0	38.1	W	-	46.0	38.1
February 1994	48.9	42.9	W	-	50.9	42.9
March 1993	38.3	W	W	-	38.3	W
Maine						
March 1994	41.7	W	29.9	30.0	32.8	39.1
February 1994	46.5	W	31.4	W	36.4	W
March 1993	37.6	W	33.4	33.0	35.6	W
Massachusetts						
March 1994	41.5	33.2	30.0	29.8	36.3	32.0
February 1994	41.0	39.9	32.6	33.8	38.4	38.3
March 1993	36.6	38.7	32.7	36.8	36.5	38.6
New Hampshire						
March 1994	36.0	W	35.6	W	35.8	W
February 1994	47.8	W	39.9	W	41.1	W
March 1993	43.5	-	30.9	W	31.2	W
Rhode Island						
March 1994	40.6	W	W	-	40.7	W
February 1994	42.9	43.4	W	W	43.0	43.4
March 1993	40.6	38.2	W	-	40.6	38.2
Vermont						
March 1994	W	-	36.2	W	38.8	W
February 1994	W	-	41.1	W	43.1	W
March 1993	W	-	36.3	-	38.0	-
Subdistrict IB						
March 1994	42.9	39.4	33.9	30.6	40.3	36.1
February 1994	46.3	44.2	36.7	30.7	44.4	41.7
March 1993	46.3	44.4	38.0	35.9	42.9	42.4
Delaware						
March 1994	34.6	W	30.0	W	33.8	NA
February 1994	43.7	W	36.1	W	43.4	NA
March 1993	38.5	W	33.7	-	37.3	W
District of Columbia						
March 1994	W	-	-	-	W	-
February 1994	W	-	-	-	W	-
March 1993	42.2	-	-	-	42.2	-
Maryland						
March 1994	37.4	W	30.3	W	32.7	33.0
February 1994	44.0	W	34.1	W	37.4	W
March 1993	W	40.6	31.8	W	34.6	40.2
New Jersey						
March 1994	44.6	41.8	30.0	NA	41.6	37.5
February 1994	48.0	44.8	30.8	31.7	46.1	42.8
March 1993	45.4	43.4	35.9	29.9	42.5	38.5
New York						
March 1994	44.0	40.1	37.3	35.9	42.6	39.3
February 1994	48.2	45.1	42.4	42.4	47.4	45.1
March 1993	49.1	47.7	42.0	46.9	46.4	47.5
Pennsylvania						
March 1994	45.3	34.9	32.8	29.6	37.8	32.6
February 1994	40.3	41.4	33.5	30.6	39.2	39.8
March 1993	43.1	39.9	33.6	34.8	37.9	38.9

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Subdistrict IC						
March 1994	31.0	39.1	31.0	29.6	31.0	31.0
February 1994	35.9	W	33.0	35.0	33.5	35.6
March 1993	33.1	W	34.0	30.1	33.9	30.7
Florida						
March 1994	29.9	—	29.7	W	29.7	W
February 1994	34.0	—	30.8	W	31.3	W
March 1993	NA	W	33.5	W	33.2	28.2
Georgia						
March 1994	—	—	38.8	W	38.8	W
February 1994	W	—	38.1	NA	38.1	NA
March 1993	W	—	35.3	—	35.4	—
North Carolina						
March 1994	W	—	W	W	34.5	W
February 1994	W	—	37.8	35.0	38.5	35.0
March 1993	50.8	—	34.8	W	35.5	W
South Carolina						
March 1994	W	—	W	W	W	W
February 1994	W	—	W	NA	W	NA
March 1993	W	—	W	—	W	—
Virginia						
March 1994	41.5	W	32.7	W	33.5	35.5
February 1994	W	W	35.1	35.2	36.1	36.2
March 1993	47.8	W	34.1	W	34.6	W
West Virginia						
March 1994	W	W	35.2	—	35.5	W
February 1994	W	W	32.2	—	32.8	W
March 1993	41.8	—	W	—	33.8	—
PAD District II						
March 1994	37.6	42.7	30.3	25.0	32.7	28.7
February 1994	41.8	42.2	32.0	27.4	35.0	30.9
March 1993	40.3	37.1	31.9	27.3	34.6	28.2
Illinois						
March 1994	36.6	W	NA	—	36.6	W
February 1994	37.8	W	W	NA	37.8	31.8
March 1993	44.4	W	W	W	43.9	W
Indiana						
March 1994	32.2	—	W	W	30.6	W
February 1994	35.6	W	32.0	W	32.4	35.1
March 1993	34.9	W	W	W	36.5	W
Iowa						
March 1994	W	—	W	—	32.2	—
February 1994	W	W	W	—	35.9	W
March 1993	W	—	—	—	W	—
Kansas						
March 1994	—	W	W	W	W	26.8
February 1994	—	W	W	W	W	25.8
March 1993	W	W	W	—	W	W
Kentucky						
March 1994	W	—	W	—	33.5	—
February 1994	W	W	W	—	32.8	W
March 1993	39.2	—	W	—	37.6	—
Michigan						
March 1994	44.8	W	NA	34.0	37.9	39.1
February 1994	43.1	W	34.5	35.8	40.9	43.8
March 1993	43.8	W	W	W	41.4	33.4
Minnesota						
March 1994	W	W	29.9	W	30.0	W
February 1994	W	W	32.7	W	32.8	W
March 1993	W	—	27.7	W	27.9	W
Missouri						
March 1994	NA	W	W	NA	NA	NA
February 1994	NA	W	W	—	23.3	W
March 1993	NA	W	W	W	W	35.1

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Nebraska						
March 1994	W	W	NA	-	W	W
February 1994	W	W	W	-	W	W
March 1993	W	W	W	-	W	W
North Dakota						
March 1994	W	-	W	W	W	W
February 1994	W	-	W	W	W	W
March 1993	W	-	W	W	W	W
Ohio						
March 1994	41.5	W	36.9	W	37.7	27.1
February 1994	43.0	W	37.9	26.3	39.5	26.8
March 1993	W	W	33.4	W	34.5	W
Oklahoma						
March 1994	NA	-	W	-	W	-
February 1994	-	W	W	W	W	W
March 1993	-	-	W	-	W	-
South Dakota						
March 1994	-	W	NA	W	NA	W
February 1994	-	W	-	W	-	W
March 1993	-	-	W	-	W	-
Tennessee						
March 1994	W	W	W	W	39.2	34.1
February 1994	W	-	37.3	32.0	39.6	32.0
March 1993	W	-	W	W	W	W
Wisconsin						
March 1994	NA	W	NA	W	NA	W
February 1994	W	W	W	W	W	W
March 1993	W	-	32.8	W	32.8	W
PAD District III						
March 1994	W	27.6	25.3	22.7	25.3	24.9
February 1994	W	25.1	26.2	23.6	26.3	24.3
March 1993	W	35.8	28.7	28.1	29.0	30.4
Alabama						
March 1994	-	W	30.1	NA	30.1	NA
February 1994	-	W	31.6	W	31.6	NA
March 1993	-	W	30.2	W	30.2	W
Arkansas						
March 1994	-	-	W	-	W	-
February 1994	-	-	W	-	W	-
March 1993	-	-	W	-	W	-
Louisiana						
March 1994	W	29.1	25.3	22.2	25.4	24.3
February 1994	W	NA	24.8	24.1	25.6	24.7
March 1993	W	W	28.1	27.3	28.8	28.3
Mississippi						
March 1994	W	W	27.4	NA	27.6	W
February 1994	W	NA	31.1	NA	31.1	NA
March 1993	-	-	W	W	W	W
New Mexico						
March 1994	-	W	-	W	-	W
February 1994	-	W	-	-	-	W
March 1993	-	W	-	-	-	W
Texas						
March 1994	W	27.1	24.1	23.2	24.1	25.6
February 1994	-	25.6	25.1	22.7	25.1	24.4
March 1993	-	35.7	28.9	29.0	28.9	31.9
PAD District IV						
March 1994	W	W	27.9	W	30.3	W
February 1994	W	29.9	28.0	W	27.2	21.6
March 1993	W	41.4	30.5	15.1	34.4	23.3
Colorado						
March 1994	-	W	-	-	-	W
February 1994	-	W	-	-	-	W
March 1993	-	-	W	-	W	-

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Idaho						
March 1994	W	-	W	-	W	-
February 1994	-	NA	W	-	W	NA
March 1993	W	W	-	-	W	W
Montana						
March 1994	-	-	W	W	W	W
February 1994	-	-	W	W	W	W
March 1993	W	-	W	W	45.1	W
Utah						
March 1994	-	W	24.1	-	24.1	W
February 1994	-	W	W	-	W	W
March 1993	-	W	W	W	W	W
Wyoming						
March 1994	W	W	W	W	W	W
February 1994	W	W	W	W	W	W
March 1993	-	W	W	W	W	22.8
PAD District V						
March 1994	34.8	28.8	29.7	26.0	30.8	27.0
February 1994	30.4	23.9	28.6	25.6	29.2	25.1
March 1993	47.0	28.0	30.6	28.1	34.1	28.1
Alaska						
March 1994	-	-	-	W	-	W
February 1994	-	-	-	-	-	-
March 1993	-	-	W	W	W	W
Arizona						
March 1994	W	W	-	-	W	W
February 1994	W	W	-	-	W	W
March 1993	W	W	-	-	W	W
California						
March 1994	W	28.8	29.7	26.5	29.8	27.5
February 1994	W	23.9	28.1	25.3	28.3	24.9
March 1993	37.0	28.0	31.2	30.2	31.3	29.6
Hawaii						
March 1994	W	-	30.5	36.2	33.6	36.2
February 1994	W	-	28.4	W	30.9	W
March 1993	W	-	33.1	W	43.9	W
Nevada						
March 1994	W	-	-	W	W	W
February 1994	W	-	-	-	W	-
March 1993	W	-	-	W	W	W
Oregon						
March 1994	-	-	33.1	W	33.1	W
February 1994	-	-	34.0	W	34.0	W
March 1993	W	-	31.3	37.4	31.4	37.4
Washington						
March 1994	NA	-	27.7	28.9	27.9	28.9
February 1994	NA	-	27.7	26.7	28.0	26.7
March 1993	-	-	29.1	W	29.1	W

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

Volumes of Petroleum Products

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
United States												
March 1994	34,121.5	35,853.4	47,436.2	115,222.9	20,981.0	183,640.1	8,477.2	8,779.2	12,823.1	15,436.8	173.6	28,433.5
February 1994	32,345.1	34,021.2	46,097.7	111,780.3	20,871.4	178,749.4	8,276.8	8,583.8	12,250.8	14,479.3	113.6	26,843.7
March 1993	-	37,186.1	-	-	-	182,290.1	-	8,977.4	-	-	-	27,200.2
PAD District I												
March 1994	7,870.4	8,507.4	16,149.3	32,576.4	4,780.5	53,486.2	2,524.6	2,672.2	5,787.1	W	W	12,864.9
February 1994	7,697.4	8,330.7	15,435.1	31,920.1	4,401.6	51,756.7	2,488.2	2,631.5	5,610.0	6,525.0	66.1	12,201.1
March 1993	-	9,052.7	-	-	-	53,643.0	-	W	-	-	-	W
Subdistrict 1A												
March 1994	300.3	360.1	2,450.4	3,426.4	288.9	6,165.6	111.5	124.5	W	W	W	1,420.1
February 1994	290.8	358.5	2,376.5	3,516.4	735.9	6,628.8	109.4	124.4	W	W	W	1,433.3
March 1993	-	407.4	-	-	-	6,843.0	-	124.7	-	-	-	1,439.4
Connecticut												
March 1994	W	67.5	669.8	957.5	-	1,627.2	W	W	233.2	231.4	-	464.6
February 1994	W	64.0	634.0	W	W	1,698.3	W	21.0	229.3	232.1	-	461.4
March 1993	-	W	-	-	-	1,672.3	-	27.8	-	-	-	484.4
Maine												
March 1994	-	W	W	641.6	W	930.6	-	W	12.0	135.4	-	147.5
February 1994	-	W	W	648.9	W	825.8	-	W	W	W	-	154.5
March 1993	-	4.7	-	-	-	799.6	-	W	-	-	-	127.4
Massachusetts												
March 1994	166.6	198.3	W	1,320.1	W	2,669.8	61.9	71.1	W	W	W	581.0
February 1994	160.5	197.1	1,259.4	W	W	3,094.8	61.4	73.5	371.5	W	W	588.0
March 1993	-	226.0	-	-	-	3,226.5	-	65.8	-	-	-	582.2
New Hampshire												
March 1994	39.3	47.3	W	69.9	W	229.6	14.7	14.9	W	W	-	66.4
February 1994	40.7	48.2	W	69.0	W	228.7	15.4	15.7	W	W	-	67.0
March 1993	-	58.8	-	-	-	342.6	-	W	-	-	-	67.9
Rhode Island												
March 1994	W	41.1	234.7	356.4	-	591.1	W	15.4	67.6	67.5	-	135.1
February 1994	W	41.5	W	325.2	W	661.8	W	W	66.3	65.6	-	131.9
March 1993	-	44.0	-	-	-	706.8	-	15.9	-	-	-	135.8
Vermont												
March 1994	-	W	36.2	81.0	-	117.2	-	-	W	W	-	25.5
February 1994	-	W	37.0	82.4	-	119.4	-	-	11.6	18.9	-	30.5
March 1993	-	W	-	-	-	95.1	-	-	-	-	-	21.7
Subdistrict 1B												
March 1994	2,916.2	3,180.8	8,646.6	9,173.1	3,108.4	20,928.1	799.9	837.6	2,852.6	1,614.0	21.3	4,488.0
February 1994	2,810.5	3,055.2	8,190.4	9,099.6	2,813.0	20,103.0	792.4	825.8	2,756.9	W	W	4,256.4
March 1993	-	3,178.2	-	-	-	22,086.9	-	W	-	-	-	W
Delaware												
March 1994	W	W	184.2	W	W	490.0	W	W	W	W	-	161.2
February 1994	W	W	172.6	W	W	518.4	W	W	65.3	92.9	-	158.3
March 1993	-	20.0	-	-	-	502.6	-	7.0	-	-	-	164.5
District of Columbia												
March 1994	-	W	W	W	-	116.5	-	W	W	W	-	82.7
February 1994	-	W	W	W	-	116.3	-	W	W	W	-	79.2
March 1993	-	W	-	-	-	130.2	-	W	-	-	-	81.5
Maryland												
March 1994	W	50.2	W	886.4	W	2,591.4	W	10.4	W	W	W	966.9
February 1994	W	53.6	W	830.5	W	2,448.3	W	9.2	W	W	-	884.6
March 1993	-	31.3	-	-	-	2,837.2	-	3.9	-	-	-	950.4
New Jersey												
March 1994	599.6	651.4	2,204.2	1,140.1	1,639.2	4,983.5	172.9	181.5	700.7	W	W	950.7
February 1994	564.5	611.0	2,082.1	1,259.1	1,534.4	4,855.7	170.5	178.8	678.2	W	W	934.0
March 1993	-	619.9	-	-	-	6,099.9	-	170.5	-	-	-	935.1
New York												
March 1994	1,152.9	1,220.5	W	3,170.0	W	5,968.9	235.2	243.4	W	W	W	1,039.2
February 1994	1,144.0	1,209.7	W	3,185.5	W	5,869.7	238.5	246.5	W	W	W	1,015.8
March 1993	-	1,254.0	-	-	-	6,016.3	-	254.1	-	-	-	W
Pennsylvania												
March 1994	1,148.2	1,214.6	W	3,700.6	W	6,777.8	385.7	393.9	564.1	723.1	-	1,287.3
February 1994	1,088.6	1,158.9	W	3,531.2	W	6,294.8	377.7	384.2	535.7	648.9	-	1,184.6
March 1993	-	W	-	-	-	6,500.6	-	382.5	-	-	-	1,221.9

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
United States												
March 1994	10,079.6	10,481.0	22,968.6	29,289.7	2,686.2	54,944.5	52,678.3	55,113.5	83,227.9	159,949.4	23,840.8	267,018.1
February 1994	11,058.6	11,449.1	21,939.6	28,331.3	3,608.4	53,679.3	51,680.5	54,034.1	80,286.1	154,590.9	24,593.4	259,472.4
March 1993	-	10,559.4	-	-	-	50,449.5	55,170.7	57,633.9	-	-	-	263,028.6
PAD District I												
March 1994	3,236.9	3,405.1	11,325.7	W	W	24,441.2	13,631.9	14,584.7	33,262.1	51,401.9	6,128.4	90,792.4
February 1994	3,172.6	3,339.1	10,944.0	11,517.8	1,612.6	24,074.3	13,358.2	14,301.3	31,989.1	49,982.8	6,080.2	88,032.1
March 1993	-	3,364.6	-	-	-	22,946.4	14,252.2	-	-	-	-	89,031.5
Subdistrict IA												
March 1994	147.4	162.7	W	W	W	2,544.3	559.1	647.3	4,410.3	5,371.4	348.3	10,130.0
February 1994	144.0	163.1	W	W	W	2,939.1	544.2	646.0	4,346.4	5,558.5	1,096.4	11,001.3
March 1993	-	161.4	-	-	-	2,650.6	584.7	-	-	-	-	10,933.0
Connecticut												
March 1994	W	W	344.6	399.6	-	744.2	W	122.9	1,247.5	1,588.5	-	2,836.0
February 1994	W	31.3	W	W	-	745.2	W	116.4	W	1,597.7	W	2,904.9
March 1993	-	36.6	-	-	-	888.7	W	-	-	-	-	3,045.5
Maine												
March 1994	-	W	W	184.2	W	247.3	-	W	90.7	981.2	273.5	1,325.4
February 1994	-	W	W	W	W	257.3	-	W	W	1,002.7	W	1,237.5
March 1993	-	W	-	-	-	230.9	-	-	-	-	-	1,157.9
Massachusetts												
March 1994	82.3	93.8	657.6	W	W	1,169.4	310.9	363.2	2,321.2	W	W	4,420.2
February 1994	80.7	95.3	669.8	W	W	1,548.3	302.6	366.0	2,300.8	2,190.1	740.3	5,231.2
March 1993	-	85.1	-	-	-	1,122.6	310.1	-	-	-	-	4,931.3
New Hampshire												
March 1994	17.3	18.2	60.2	21.7	-	82.0	71.3	80.3	269.4	W	W	378.0
February 1994	18.0	18.9	62.4	21.8	-	84.0	74.0	82.6	274.4	W	W	379.7
March 1993	-	20.8	-	-	-	106.6	86.8	-	-	-	-	537.1
Rhode Island												
March 1994	W	17.2	116.9	142.1	-	259.0	W	73.7	419.2	566.0	-	985.2
February 1994	W	W	W	W	-	254.4	W	72.3	406.6	W	W	1,048.1
March 1993	-	W	-	-	-	265.9	W	-	-	-	-	1,108.5
Vermont												
March 1994	-	-	W	W	-	42.4	-	W	62.3	122.9	-	185.1
February 1994	-	-	16.6	33.4	-	50.0	-	W	65.1	134.7	-	199.9
March 1993	-	-	-	-	-	35.9	-	-	-	-	-	152.7
Subdistrict IB												
March 1994	1,166.6	1,220.5	6,436.4	3,164.9	1,094.7	10,696.0	4,882.7	5,218.9	17,935.6	13,952.0	4,224.5	36,112.1
February 1994	1,140.9	1,193.3	6,161.6	W	W	10,518.4	4,743.8	5,074.3	17,108.9	13,836.6	3,932.4	34,877.8
March 1993	-	1,084.6	-	-	-	10,515.0	4,701.8	-	-	-	-	37,030.4
Delaware												
March 1994	W	W	W	W	-	168.2	W	W	326.8	W	W	819.4
February 1994	W	NA	70.9	98.9	-	169.8	W	W	308.9	W	W	846.4
March 1993	-	W	-	-	-	159.8	W	-	-	-	-	826.8
District of Columbia												
March 1994	-	W	W	W	-	204.8	-	W	W	W	-	404.1
February 1994	-	W	W	W	-	194.1	-	W	W	W	-	389.5
March 1993	-	W	-	-	-	189.7	-	-	-	-	-	401.4
Maryland												
March 1994	W	10.5	1,040.3	W	W	1,433.8	W	71.1	W	1,513.7	W	4,992.1
February 1994	W	9.1	W	W	W	1,301.0	W	71.9	W	1,323.4	W	4,633.8
March 1993	-	4.5	-	-	-	1,473.9	-	-	-	-	-	5,261.5
New Jersey												
March 1994	334.3	353.5	1,884.1	W	W	3,215.6	1,106.8	1,186.5	4,789.0	1,994.0	2,366.8	9,149.8
February 1994	308.3	329.4	1,810.7	W	W	3,086.3	1,043.3	1,119.0	4,551.0	2,186.6	2,138.4	8,876.0
March 1993	-	313.8	-	-	-	3,039.4	1,006.0	-	-	-	-	10,074.4
New York												
March 1994	399.9	413.6	2,262.4	W	W	3,202.5	1,766.0	1,877.3	5,576.8	W	W	10,210.6
February 1994	395.5	408.1	2,162.4	W	W	3,204.6	1,778.0	1,864.3	5,334.9	4,361.2	394.0	10,090.0
March 1993	-	371.7	-	-	-	3,220.8	W	-	-	-	-	10,312.2
Pennsylvania												
March 1994	426.8	433.7	W	1,253.3	W	2,471.0	1,980.7	2,042.2	3,475.5	5,677.0	1,383.5	10,536.1
February 1994	431.3	438.1	W	1,291.8	W	2,582.7	1,897.6	1,981.2	3,310.8	5,471.8	1,259.4	10,042.0
March 1993	-	388.2	-	-	-	2,431.5	1,869.6	-	-	-	-	10,154.0

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Subdistrict IC												
March 1994	4,653.9	4,986.5	5,052.4	19,976.8	1,363.3	26,392.5	1,813.3	1,710.0	W	4,688.7	W	6,956.9
February 1994	4,596.1	4,917.0	4,868.2	19,304.0	852.7	25,024.9	1,586.4	1,681.3	W	4,346.1	W	6,511.4
March 1993	-	5,467.2	-	-	-	24,713.2	-	W	-	-	-	6,574.2
Florida												
March 1994	1,935.7	2,073.2	2,854.8	4,789.0	649.5	8,273.3	722.7	766.5	1,244.4	W	W	2,510.1
February 1994	1,934.0	2,071.4	2,772.4	W	W	8,036.4	716.8	780.3	W	1,136.9	W	2,364.4
March 1993	-	2,405.9	-	-	-	7,762.9	-	886.7	-	-	-	2,310.1
Georgia												
March 1994	929.7	980.5	W	4,419.9	W	4,989.3	326.0	348.1	W	W	-	1,149.5
February 1994	916.9	968.8	W	4,197.4	W	4,751.4	318.3	338.3	W	W	-	1,100.8
March 1993	-	989.2	-	-	-	4,714.8	-	319.8	-	-	-	1,176.5
North Carolina												
March 1994	447.5	500.3	W	4,913.9	W	5,385.1	143.0	152.5	W	1,149.5	W	1,274.2
February 1994	439.8	484.9	W	4,574.9	W	4,910.6	138.9	150.8	W	W	-	1,132.6
March 1993	-	563.0	-	-	-	5,171.7	-	149.1	-	-	-	1,218.1
South Carolina												
March 1994	548.3	572.5	W	2,540.1	W	2,855.6	162.2	167.0	W	W	-	606.5
February 1994	541.5	564.9	W	2,420.7	W	2,648.1	158.7	163.8	30.1	W	W	594.6
March 1993	-	616.2	-	-	-	2,470.7	-	166.5	-	-	-	543.5
Virginia												
March 1994	486.8	530.5	W	2,815.3	W	4,247.6	170.8	182.8	W	701.6	W	1,275.8
February 1994	476.4	517.8	W	2,685.8	W	4,178.3	169.5	179.8	W	W	-	1,192.5
March 1993	-	504.5	-	-	-	4,043.2	-	198.3	-	-	-	1,192.2
West Virginia												
March 1994	306.0	329.5	W	518.7	W	641.5	88.6	93.0	W	W	-	140.9
February 1994	287.5	309.1	W	W	W	500.1	84.4	88.3	W	W	-	126.4
March 1993	-	328.4	-	-	-	549.9	-	W	-	-	-	133.9
PAD District II												
March 1994	12,858.8	13,434.2	9,731.7	42,044.3	3,958.5	55,734.6	3,004.3	3,080.5	2,831.3	3,230.4	-	6,061.6
February 1994	12,038.6	12,612.8	9,543.2	40,678.1	5,025.1	55,246.4	3,000.9	3,071.3	2,883.4	2,929.1	-	5,812.4
March 1993	-	13,966.5	-	-	-	53,817.8	-	W	-	-	-	W
Illinois												
March 1994	1,666.2	1,699.0	1,887.5	W	W	6,807.5	420.9	421.7	760.3	297.9	-	1,058.2
February 1994	1,399.8	1,430.2	1,860.6	W	W	7,318.9	415.0	415.4	787.0	233.3	-	1,020.3
March 1993	-	1,645.4	-	-	-	6,703.7	-	413.7	-	-	-	W
Indiana												
March 1994	1,081.1	1,091.7	W	2,715.1	W	4,238.8	262.2	263.3	277.7	290.1	-	567.8
February 1994	955.8	965.4	W	2,367.1	W	3,533.0	255.8	257.1	276.2	270.8	-	547.0
March 1993	-	1,069.4	-	-	-	3,832.0	-	W	-	-	-	W
Iowa												
March 1994	227.5	232.6	W	W	-	3,089.8	W	W	W	W	-	25.1
February 1994	219.0	225.3	W	W	-	2,961.8	W	W	W	W	-	29.3
March 1993	-	278.0	-	-	-	2,740.7	-	31.0	-	-	-	22.5
Kansas												
March 1994	531.5	554.0	118.5	W	W	3,032.9	54.1	55.1	W	W	-	54.2
February 1994	515.3	533.0	116.6	W	W	3,012.1	54.0	54.7	W	W	-	54.3
March 1993	-	504.8	-	-	-	3,515.8	-	51.8	-	-	-	W
Kentucky												
March 1994	484.3	527.6	347.2	2,197.0	-	2,544.1	131.3	139.8	W	W	-	545.3
February 1994	449.6	511.5	W	2,080.0	W	2,428.2	128.6	136.8	W	W	-	524.4
March 1993	-	607.7	-	-	-	2,305.5	-	W	-	-	-	W
Michigan												
March 1994	1,919.8	2,050.5	2,348.1	4,230.8	-	6,578.9	385.0	387.0	592.6	321.3	-	913.9
February 1994	1,709.3	1,846.4	2,331.8	4,215.1	-	6,546.9	380.3	382.9	584.8	308.1	-	892.9
March 1993	-	2,215.8	-	-	-	6,305.2	-	W	-	-	-	795.8
Minnesota												
March 1994	989.9	1,009.2	W	2,747.1	W	3,289.1	160.8	161.5	W	W	-	181.0
February 1994	1,063.1	1,085.6	W	2,737.9	W	3,369.0	162.7	163.6	W	W	-	173.9
March 1993	-	1,068.9	-	-	-	3,257.1	-	171.5	-	-	-	202.5
Missouri												
March 1994	686.7	731.8	538.4	W	W	4,161.8	130.8	132.0	W	W	-	285.6
February 1994	707.3	753.4	531.4	W	W	4,116.2	145.7	146.4	W	W	-	277.5
March 1993	-	870.9	-	-	-	3,596.2	-	183.0	-	-	-	297.8

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Subdistrict IC												
March 1994	1,922.9	2,022.0	W	7,412.9	W	11,201.0	8,190.1	8,718.5	10,916.3	32,078.5	1,555.5	44,550.3
February 1994	1,887.6	1,982.7	W	6,917.6	W	10,616.7	8,070.1	8,580.9	10,533.9	30,567.7	1,051.5	42,153.0
March 1993	-	2,118.6	-	-	-	9,780.7	8,965.6	-	-	-	-	41,068.0
Florida												
March 1994	1,013.3	1,058.6	2,334.1	W	W	4,116.2	3,671.7	3,898.3	6,433.4	7,743.6	722.5	14,899.5
February 1994	1,010.9	1,053.9	2,281.9	W	W	4,077.9	3,661.6	3,865.5	W	7,916.5	W	14,478.7
March 1993	-	1,207.6	-	-	-	3,844.5	4,313.6	-	-	-	-	13,917.5
Georgia												
March 1994	346.8	364.6	348.7	W	W	2,019.8	1,602.5	1,693.2	W	6,984.4	W	8,156.6
February 1994	334.8	352.2	W	W	-	1,892.8	1,570.0	1,659.3	W	6,626.4	W	7,745.1
March 1993	-	338.5	-	-	-	1,706.8	1,559.9	-	-	-	-	7,597.9
North Carolina												
March 1994	133.7	143.4	W	1,841.0	W	1,959.4	724.1	796.2	W	7,904.5	W	8,618.6
February 1994	128.6	138.5	W	W	-	1,732.4	707.4	774.3	W	7,253.5	W	7,775.6
March 1993	-	132.5	-	-	-	1,842.4	800.3	-	-	-	-	8,032.2
South Carolina												
March 1994	151.4	158.2	W	W	-	901.9	861.9	897.8	W	3,975.1	W	4,363.9
February 1994	145.3	152.9	W	W	W	888.0	845.4	881.6	W	3,723.2	W	4,130.7
March 1993	-	148.1	-	-	-	713.6	908.7	-	-	-	-	3,727.8
Virginia												
March 1994	210.0	221.4	W	1,150.6	W	1,994.7	867.5	934.8	W	4,667.5	W	7,518.2
February 1994	200.4	209.9	770.1	W	W	1,876.9	846.3	907.5	W	4,440.6	W	7,247.7
March 1993	-	215.2	-	-	-	1,716.0	925.1	-	-	-	-	6,951.4
West Virginia												
March 1994	67.8	75.9	W	W	-	208.9	462.3	498.4	W	803.4	W	991.4
February 1994	67.7	75.3	W	W	-	148.6	439.5	472.8	W	607.5	W	775.2
March 1993	-	76.6	-	-	-	157.5	458.1	-	-	-	-	841.3
PAD District II												
March 1994	3,029.0	3,142.5	3,481.3	8,029.5	199.0	11,709.9	18,892.1	19,657.3	16,044.3	53,304.3	4,157.6	73,506.2
February 1994	4,303.3	4,409.1	3,545.4	8,019.5	240.6	11,805.6	19,342.8	20,093.2	15,972.0	51,626.7	5,265.7	72,864.4
March 1993	-	3,599.5	-	-	-	9,977.6	19,948.3	-	-	-	-	69,587.1
Illinois												
March 1994	486.8	488.3	937.6	W	W	1,916.6	2,573.8	2,608.9	3,585.3	5,715.5	481.5	9,782.2
February 1994	852.0	853.4	963.6	W	W	2,007.5	2,666.8	2,699.0	3,611.1	5,793.2	942.4	10,346.8
March 1993	-	525.7	-	-	-	1,647.9	2,541.6	-	-	-	-	9,381.0
Indiana												
March 1994	301.8	302.9	W	593.4	W	935.6	1,645.1	1,657.9	1,492.5	3,598.6	651.2	5,742.3
February 1994	449.6	450.2	W	551.8	W	918.3	1,661.2	1,672.6	1,473.4	3,209.6	315.3	4,998.3
March 1993	-	369.4	-	-	-	817.6	1,657.8	-	-	-	-	5,215.4
Iowa												
March 1994	W	W	W	W	-	225.7	286.2	271.3	W	W	-	3,340.6
February 1994	W	W	W	W	-	236.0	260.7	267.0	W	W	-	3,227.1
March 1993	-	29.5	-	-	-	205.5	330.9	-	-	-	-	2,968.7
Kansas												
March 1994	77.0	81.3	W	258.6	W	304.1	662.6	690.4	179.6	2,667.6	543.9	3,391.2
February 1994	73.0	77.1	W	252.1	W	285.1	642.3	664.8	179.9	2,478.2	693.4	3,351.5
March 1993	-	74.3	-	-	-	309.8	611.9	-	-	-	-	3,894.5
Kentucky												
March 1994	136.6	152.3	140.5	W	W	897.4	732.1	819.7	W	3,336.0	W	3,996.9
February 1994	139.4	154.4	142.3	656.2	-	798.5	717.6	802.7	582.4	W	W	3,751.1
March 1993	-	170.8	-	-	-	676.0	853.0	-	-	-	-	3,480.0
Michigan												
March 1994	398.7	433.3	745.4	815.4	-	1,580.7	2,703.5	2,870.8	3,686.1	5,367.4	-	9,053.5
February 1994	732.7	783.0	761.3	861.0	-	1,622.3	2,802.3	2,972.3	3,677.9	5,384.3	-	9,082.1
March 1993	-	499.4	-	-	-	1,342.0	2,938.5	-	-	-	-	8,464.8
Minnesota												
March 1994	129.8	129.9	W	W	W	369.1	1,280.5	1,300.6	W	3,135.6	W	3,839.3
February 1994	150.1	150.3	W	W	W	441.6	1,395.9	1,419.4	W	3,174.5	W	3,984.5
March 1993	-	W	-	-	-	302.4	1,364.2	-	-	-	-	3,761.9
Missouri												
March 1994	138.6	143.5	174.2	668.4	-	842.6	956.1	1,007.3	W	4,249.0	W	5,290.0
February 1994	211.1	216.6	173.0	620.7	-	793.6	1,064.1	1,116.4	W	4,007.9	W	5,187.3
March 1993	-	275.6	-	-	-	722.6	1,282.5	-	-	-	-	4,616.5

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Nebraska												
March 1994	136.0	143.0	126.8	1,549.2	—	1,676.0	6.2	6.2	W	—	—	W
February 1994	135.4	140.1	127.2	1,446.7	—	1,573.9	6.9	6.9	W	—	—	W
March 1993	—	174.5	—	—	—	1,611.1	—	15.2	—	—	—	W
North Dakota												
March 1994	8.7	10.2	W	W	—	767.2	W	W	W	W	—	W
February 1994	8.5	10.7	W	674.8	W	739.4	W	W	W	W	—	W
March 1993	—	15.6	—	—	—	780.3	—	1.2	—	—	—	W
Ohio												
March 1994	3,219.7	3,362.2	2,060.4	W	W	5,613.6	925.1	961.5	W	W	—	617.6
February 1994	2,991.9	3,145.6	1,944.6	W	W	5,273.6	930.2	962.2	W	W	—	610.4
March 1993	—	3,461.6	—	—	—	5,224.5	—	969.5	—	—	—	W
Oklahoma												
March 1994	554.3	591.9	W	W	1,592.0	4,527.1	126.5	126.9	W	W	—	62.3
February 1994	541.8	580.3	W	W	2,267.1	5,213.4	124.9	125.2	W	W	—	66.1
March 1993	—	600.8	—	—	—	5,061.5	—	122.4	—	—	—	96.5
South Dakota												
March 1994	19.4	23.6	32.4	W	W	926.4	W	W	W	W	—	W
February 1994	19.9	23.6	W	628.7	W	862.7	W	W	W	W	—	W
March 1993	—	21.7	—	—	—	944.5	—	W	—	—	—	W
Tennessee												
March 1994	750.9	774.5	W	4,171.3	W	4,630.4	291.6	295.6	W	W	—	1,166.5
February 1994	724.6	752.1	W	4,169.8	W	4,565.8	281.6	285.0	W	W	—	1,037.9
March 1993	—	814.0	—	—	—	4,156.0	—	266.9	—	—	—	1,105.6
Wisconsin												
March 1994	600.8	612.4	439.4	3,369.5	—	3,828.8	91.1	91.4	107.5	216.1	—	323.5
February 1994	597.5	609.5	444.2	3,265.4	—	3,729.5	96.3	96.3	110.3	206.1	—	316.4
March 1993	—	619.1	—	—	—	3,791.6	—	86.3	—	—	—	273.9
PAD District III												
March 1994	4,854.4	5,116.5	2,363.4	25,302.1	8,937.7	36,603.2	1,607.0	1,652.7	865.8	4,145.7	21.0	5,032.5
February 1994	4,550.1	4,795.7	2,327.7	W	W	35,643.3	1,502.6	1,542.7	855.9	W	W	4,690.3
March 1993	—	5,276.9	—	—	—	37,800.1	—	1,641.6	—	—	—	4,756.0
Alabama												
March 1994	231.4	256.1	W	2,985.8	W	3,221.5	85.8	94.0	W	634.8	W	700.1
February 1994	233.3	254.0	W	2,672.6	W	3,079.8	84.3	92.5	W	W	—	675.4
March 1993	—	265.0	—	—	—	3,141.5	—	94.8	—	—	—	661.5
Arkansas												
March 1994	212.0	216.2	W	2,733.8	W	2,772.6	59.5	59.6	W	W	—	344.4
February 1994	203.7	206.8	20.9	2,721.0	—	2,741.9	55.6	55.6	7.3	310.7	—	318.0
March 1993	—	232.3	—	—	—	2,830.9	—	61.3	—	—	—	W
Louisiana												
March 1994	407.3	429.3	W	2,735.7	W	4,236.2	160.4	167.3	133.6	556.3	—	690.0
February 1994	396.6	406.9	266.6	2,800.6	1,103.9	4,191.1	155.0	162.3	131.1	525.7	—	656.6
March 1993	—	446.4	—	—	—	4,702.2	—	172.3	—	—	—	725.0
Mississippi												
March 1994	65.4	82.4	W	2,070.9	W	2,164.0	W	W	W	W	—	430.4
February 1994	64.6	78.0	W	2,206.5	W	2,353.7	W	W	14.9	377.2	—	392.0
March 1993	—	92.0	—	—	—	3,144.3	—	25.8	—	—	—	404.0
New Mexico												
March 1994	313.6	321.2	208.8	1,311.5	—	1,520.3	W	W	W	W	—	66.9
February 1994	286.8	294.5	W	W	—	1,471.6	W	W	W	W	—	49.6
March 1993	—	253.9	—	—	—	1,438.5	—	W	—	—	—	49.3
Texas												
March 1994	3,624.6	3,813.3	1,644.4	13,464.4	7,557.9	22,666.6	1,266.6	1,293.5	W	2,151.4	W	2,800.7
February 1994	3,375.1	3,553.5	1,616.1	13,104.4	7,064.6	21,605.1	1,173.7	1,195.6	W	1,978.6	W	2,596.3
March 1993	—	3,965.3	—	—	—	22,542.6	—	W	—	—	—	W
PAD District IV												
March 1994	1,430.3	1,466.2	W	4,660.7	W	5,449.5	413.3	413.3	W	W	—	360.6
February 1994	1,393.0	1,427.2	739.4	W	W	4,967.9	405.0	405.4	W	W	—	370.6
March 1993	—	1,476.1	—	—	—	5,361.3	—	313.6	—	—	—	237.1
Colorado												
March 1994	1,161.8	1,166.7	390.6	1,529.1	—	1,919.7	333.5	333.5	108.2	133.4	—	241.6
February 1994	1,129.0	1,136.6	379.8	1,359.4	—	1,739.1	326.6	326.6	118.2	121.4	—	239.6
March 1993	—	1,176.9	—	—	—	2,076.0	—	252.6	—	—	—	W

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Reck	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Reck	Bulk	Total
Nebraska												
March 1994	15.7	16.0	W	77.7	-	W	161.9	167.3	154.3	1,626.9	-	1,781.3
February 1994	15.1	15.4	W	75.4	-	W	159.3	164.4	175.4	1,524.1	-	1,699.5
March 1993	-	W	-	-	-	66.6	197.0	-	-	-	-	1,704.5
North Dakota												
March 1994	W	W	W	40.2	-	W	10.8	12.3	W	W	-	66.5
February 1994	W	W	W	W	-	W	11.0	13.2	W	730.3	W	626.0
March 1993	-	2.0	-	-	-	38.7	17.1	-	-	-	-	662.2
Ohio												
March 1994	778.8	809.7	661.4	625.5	-	1,306.9	4,921.5	5,173.4	W	4,230.4	W	7,738.5
February 1994	1,115.4	1,147.8	690.1	631.0	-	1,321.1	5,037.5	5,275.6	W	4,018.4	W	7,405.1
March 1993	-	W	-	-	-	1,120.3	5,178.4	-	-	-	-	7,084.9
Oklahoma												
March 1994	128.5	139.0	W	577.6	W	597.2	811.3	859.8	W	3,513.0	W	5,186.6
February 1994	126.0	136.1	W	560.7	W	637.5	792.7	841.5	W	3,499.2	W	5,917.0
March 1993	-	130.9	-	-	-	544.2	605.7	-	-	-	-	5,695.9
South Dakota												
March 1994	W	W	W	79.9	-	W	20.7	25.6	43.2	W	W	1,021.2
February 1994	W	W	5.5	W	-	W	21.3	26.0	W	891.3	W	936.5
March 1993	-	W	-	-	-	57.5	21.0	-	-	-	-	1,021.2
Tennessee												
March 1994	310.1	315.6	W	W	-	1,846.6	1,352.8	1,385.7	W	6,857.2	W	7,665.7
February 1994	302.8	307.4	W	W	-	1,765.7	1,308.9	1,344.5	W	6,626.9	W	7,369.3
March 1993	-	260.7	-	-	-	1,505.1	1,350.9	-	-	-	-	6,766.7
Wisconsin												
March 1994	101.3	102.5	120.3	547.9	-	666.2	793.2	806.3	667.1	4,153.4	-	4,820.5
February 1994	105.4	106.1	132.7	623.6	-	756.3	801.1	813.9	687.2	4,115.1	-	4,802.3
March 1993	-	99.7	-	-	-	601.2	797.7	-	-	-	-	4,666.7
PAD District III												
March 1994	1,730.0	1,792.3	1,269.0	6,665.7	1,044.6	8,979.3	8,191.3	8,563.5	4,498.2	36,113.4	10,003.3	50,614.9
February 1994	1,637.3	1,696.2	1,251.6	6,356.2	1,464.0	9,091.8	7,690.0	8,034.6	4,435.2	35,165.9	9,824.3	49,425.4
March 1993	-	1,800.6	-	-	-	7,807.4	8,431.5	-	-	-	-	50,692.8
Alabama												
March 1994	93.7	102.2	80.6	1,122.2	-	1,202.9	410.9	452.2	W	4,742.8	W	5,124.5
February 1994	90.8	99.2	W	W	-	1,110.7	408.3	445.6	W	4,506.8	W	4,865.9
March 1993	-	99.4	-	-	-	998.8	442.5	-	-	-	-	4,801.7
Arkansas												
March 1994	45.7	45.9	W	W	-	748.5	317.2	321.8	W	3,814.2	W	3,865.6
February 1994	40.8	40.9	8.6	813.0	-	821.6	300.1	305.4	36.7	3,844.7	-	3,881.4
March 1993	-	42.7	-	-	-	653.1	330.6	-	-	-	-	3,637.5
Louisiana												
March 1994	173.4	182.4	W	947.3	W	1,425.3	741.1	779.0	673.9	4,239.4	1,440.2	6,353.5
February 1994	169.0	177.4	230.0	962.7	261.3	1,454.0	710.6	746.6	647.7	4,269.0	1,365.2	6,301.9
March 1993	-	200.0	-	-	-	1,103.9	781.4	-	-	-	-	6,531.0
Mississippi												
March 1994	W	W	W	W	-	690.2	107.1	132.6	W	3,168.7	W	3,304.6
February 1994	W	W	W	650.3	W	851.5	105.1	125.9	W	3,234.0	W	3,597.3
March 1993	-	23.7	-	-	-	842.8	126.4	-	-	-	-	4,391.0
New Mexico												
March 1994	W	W	W	W	-	191.3	367.3	375.1	251.3	1,527.2	-	1,778.4
February 1994	W	W	W	W	-	199.8	337.0	344.7	239.9	1,481.4	-	1,721.3
March 1993	-	35.1	-	-	-	169.5	319.2	-	-	-	-	1,866.7
Texas												
March 1994	1,356.6	1,395.8	W	3,005.4	W	4,721.1	6,247.8	6,502.6	3,183.5	18,621.2	8,383.7	30,188.4
February 1994	1,280.0	1,317.1	W	2,726.9	W	4,654.3	5,828.6	6,066.4	3,126.5	17,810.0	8,121.2	29,057.6
March 1993	-	1,399.8	-	-	-	4,040.4	6,431.5	-	-	-	-	29,264.8
PAD District IV												
March 1994	368.6	377.4	232.6	W	W	1,234.4	2,212.4	2,257.0	W	5,678.5	W	7,044.5
February 1994	356.5	367.1	221.0	875.5	-	1,096.4	2,154.5	2,199.7	W	5,294.6	W	6,434.9
March 1993	-	358.2	-	-	-	1,107.5	2,165.6	-	-	-	-	7,476.7
Colorado												
March 1994	252.5	252.7	104.4	284.7	-	389.2	1,747.7	1,754.9	603.2	1,947.2	-	2,550.4
February 1994	240.2	240.9	97.0	243.6	-	340.6	1,695.8	1,704.2	594.9	1,724.4	-	2,319.4
March 1993	-	243.6	-	-	-	375.5	1,706.5	-	-	-	-	2,740.4

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Idaho												
March 1994	W	W	134.8	767.9	-	902.7	-	-	W	W	-	W
February 1994	W	9.3	110.1	694.9	-	805.0	-	W	W	-	-	W
March 1993	-	9.8	-	-	-	871.1	-	-	-	-	-	-
Montana												
March 1994	W	W	W	850.4	W	852.1	-	-	-	-	-	-
February 1994	W	W	W	780.9	W	781.9	-	-	-	-	-	-
March 1993	-	14.1	-	-	-	753.6	-	-	-	-	-	-
Utah												
March 1994	206.2	226.5	231.2	W	W	1,290.8	W	W	W	W	-	103.1
February 1994	205.8	223.1	W	975.1	W	1,221.8	W	75.4	57.0	52.9	-	109.9
March 1993	-	231.0	-	-	-	1,187.1	-	W	-	-	-	W
Wyoming												
March 1994	47.8	50.9	W	W	-	484.3	W	W	W	-	-	W
February 1994	44.2	W	W	W	-	420.2	W	W	W	-	-	W
March 1993	-	44.3	-	-	-	493.5	-	W	-	-	-	-
PAD District V												
March 1994	7,107.7	7,327.2	W	10,819.4	W	32,366.6	927.9	960.4	W	896.3	W	4,113.8
February 1994	6,666.1	6,854.9	18,052.4	9,981.9	3,100.9	31,135.1	880.0	912.8	W	996.7	W	3,769.3
March 1993	-	7,413.8	-	-	-	31,648.0	-	1,151.8	-	-	-	4,085.2
Alaska												
March 1994	172.5	186.7	W	W	W	278.3	-	-	W	-	-	W
February 1994	175.9	189.9	90.0	W	W	270.8	-	-	-	-	-	-
March 1993	-	190.4	-	-	-	280.8	-	-	-	-	-	-
Arizona												
March 1994	988.5	1,013.2	1,448.7	W	W	2,570.4	W	W	W	W	-	47.9
February 1994	904.6	933.3	W	1,009.2	W	2,624.1	W	W	W	W	-	41.9
March 1993	-	933.3	-	-	-	2,213.3	-	5.7	-	-	-	14.7
California												
March 1994	4,572.3	4,663.8	13,480.0	6,307.5	2,726.2	22,513.7	898.2	915.7	2,951.9	W	W	3,831.0
February 1994	4,298.8	4,364.0	13,267.3	6,032.2	2,112.0	21,411.5	850.3	870.1	2,437.5	W	W	3,380.6
March 1993	-	4,623.6	-	-	-	21,547.1	-	W	-	-	-	W
Hawaii												
March 1994	104.4	156.0	331.8	W	W	683.6	21.2	34.0	W	W	-	91.5
February 1994	104.3	154.0	319.8	65.9	-	385.7	20.9	33.4	83.7	3.8	-	87.4
March 1993	-	172.1	-	-	-	394.1	-	W	-	-	-	74.9
Nevada												
March 1994	124.4	139.3	777.9	W	W	1,464.7	4.8	5.0	81.0	55.2	-	136.2
February 1994	114.9	126.1	753.4	W	W	1,378.7	4.8	5.4	W	W	-	144.9
March 1993	-	126.7	-	-	-	1,437.9	-	23.5	-	-	-	172.5
Oregon												
March 1994	279.9	291.3	726.5	832.8	-	1,559.3	W	W	-	-	-	-
February 1994	265.5	277.3	W	757.1	W	1,659.1	W	W	W	W	-	W
March 1993	-	325.5	-	-	-	2,195.0	-	W	-	-	-	W
Washington												
March 1994	865.7	876.9	1,568.6	1,727.9	-	3,296.5	W	W	W	W	-	W
February 1994	802.2	810.3	W	1,515.8	W	3,407.2	W	W	W	W	-	W
March 1993	-	1,042.4	-	-	-	3,580.0	-	W	-	-	-	W

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Idaho												
March 1994	W	W	W	W	-	W	W	9.6	174.5	911.5	-	1,086.0
February 1994	W	W	W	W	-	W	W	11.9	145.6	836.2	-	981.8
March 1993	-	W	-	-	-	W	W	-	-	-	-	1,254.0
Montana												
March 1994	W	W	-	171.3	-	171.3	W	13.9	W	1,021.6	W	1,023.3
February 1994	W	W	-	159.2	-	159.2	W	13.4	W	940.1	W	941.1
March 1993	-	1.7	-	-	-	159.2	W	-	-	-	-	1,092.1
Utah												
March 1994	W	W	W	331.6	W	417.9	385.8	412.8	372.6	W	W	1,811.8
February 1994	W	110.2	W	W	-	360.1	384.5	408.6	366.3	W	W	1,691.8
March 1993	-	100.4	-	-	-	348.9	381.4	-	-	-	-	1,746.6
Wyoming												
March 1994	W	W	W	W	-	W	61.7	65.8	W	W	-	572.9
February 1994	W	11.5	W	78.3	-	W	57.4	61.6	W	W	-	501.0
March 1993	-	W	-	-	-	W	56.3	-	-	-	-	643.6
PAD District V												
March 1994	1,715.0	1,763.6	6,659.7	1,735.6	184.3	8,579.7	9,750.6	10,051.2	W	13,251.4	W	45,060.1
February 1994	1,589.0	1,637.7	5,977.7	1,562.3	271.3	7,811.2	9,135.0	9,405.4	W	12,540.9	W	42,715.6
March 1993	-	1,736.4	-	-	-	8,610.6	10,373.1	-	-	-	-	46,240.6
Alaska												
March 1994	30.3	33.2	21.0	W	-	W	202.8	219.9	W	200.4	W	316.7
February 1994	30.4	33.6	W	W	-	42.1	206.3	223.6	W	186.7	W	313.0
March 1993	-	W	-	-	-	35.0	193.5	-	-	-	-	330.4
Arizona												
March 1994	W	W	W	130.5	W	482.0	1,204.4	1,230.6	1,834.9	W	W	3,100.4
February 1994	W	W	332.4	142.7	-	475.1	1,099.1	1,129.4	1,816.7	W	W	3,141.1
March 1993	-	186.3	-	-	-	418.3	1,252.0	-	-	-	-	3,083.8
California												
March 1994	1,195.6	1,215.5	5,381.8	W	W	6,578.5	6,664.1	6,795.0	21,813.8	8,189.2	2,920.3	32,923.3
February 1994	1,105.5	1,125.8	4,641.6	W	W	5,819.3	6,254.5	6,359.8	20,346.4	7,857.8	2,407.1	30,611.4
March 1993	-	1,155.6	-	-	-	6,259.4	6,647.7	-	-	-	-	31,608.9
Hawaii												
March 1994	47.5	70.6	W	W	-	252.1	173.1	260.6	635.9	W	W	1,027.2
February 1994	47.8	70.3	210.6	29.5	-	240.0	172.9	257.6	614.0	99.1	-	713.1
March 1993	-	74.3	-	-	-	247.5	183.2	-	-	-	-	716.5
Nevada												
March 1994	20.6	20.8	186.6	W	W	294.2	149.8	165.2	1,045.5	W	W	1,895.1
February 1994	18.9	18.9	W	W	W	274.6	138.6	150.4	1,030.1	W	W	1,796.1
March 1993	-	W	-	-	-	308.2	156.4	-	-	-	-	1,922.1
Oregon												
March 1994	W	W	135.8	W	W	260.6	332.9	344.5	862.3	W	W	1,819.9
February 1994	W	W	W	107.5	W	W	313.6	325.8	885.8	W	W	1,961.9
March 1993	-	W	-	-	-	403.7	440.0	-	-	-	-	3,204.7
Washington												
March 1994	W	W	378.9	W	W	W	1,023.5	1,035.3	W	2,023.0	W	3,975.6
February 1994	W	W	W	263.7	-	W	950.1	958.9	1,951.1	W	W	4,179.0
March 1993	-	W	-	-	-	938.5	1,500.2	-	-	-	-	5,374.1

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

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

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

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

Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State
(Thousand Gallons per Day)

Geographic Area Month	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
United States												
March 1994	47,426.2	49,692.8	71,770.9	155,961.3	23,033.7	250,765.9	5,252.1	5,420.7	11,457.0	3,988.1	807.2	16,252.2
February 1994	40,241.6	42,207.7	45,577.8	142,186.7	22,980.5	210,745.0	11,436.9	11,626.4	34,710.3	12,404.2	1,612.9	48,727.4
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District I												
March 1994	11,890.0	12,706.4	24,809.3	W	W	79,151.7	1,741.8	1,878.3	8,452.9	W	W	11,640.6
February 1994	10,961.8	11,642.8	16,370.9	43,531.5	4,729.0	64,631.3	2,396.4	2,658.5	15,618.2	6,431.4	1,351.2	23,400.8
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict 1A												
March 1994	W	W	W	W	W	9,308.5	W	W	W	W	-	821.5
February 1994	W	W	3,842.7	5,268.7	1,096.4	10,207.8	W	W	503.7	289.8	-	793.5
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut												
March 1994	38.9	W	W	W	-	2,014.5	W	W	W	W	-	821.5
February 1994	39.6	W	W	1,307.9	W	2,111.4	W	W	503.7	289.8	-	793.5
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
March 1994	-	W	90.7	961.2	273.5	1,325.4	-	-	-	-	-	-
February 1994	-	W	W	1,002.7	W	1,237.5	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
March 1994	310.9	363.2	2,321.2	W	W	4,420.2	-	-	-	-	-	-
February 1994	302.6	366.0	2,300.8	2,190.1	740.3	5,231.2	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire												
March 1994	71.3	80.3	269.4	W	W	378.0	-	-	-	-	-	-
February 1994	74.0	82.8	274.4	W	W	379.7	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
March 1994	W	73.7	419.2	566.0	-	965.2	-	-	-	-	-	-
February 1994	W	72.3	406.6	W	W	1,048.1	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
March 1994	-	W	W	W	-	185.1	-	-	-	-	-	-
February 1994	-	W	65.1	134.7	-	199.9	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict 1B												
March 1994	W	W	W	11,870.4	W	25,322.7	W	W	W	2,081.6	W	10,789.4
February 1994	W	W	W	9,567.0	W	15,490.6	W	W	W	4,269.6	W	19,387.2
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Delaware												
March 1994	W	W	326.8	457.8	W	W	-	-	-	W	-	W
February 1994	W	W	W	W	W	W	W	W	W	W	-	W
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
March 1994	-	W	387.4	W	-	W	-	-	W	W	-	W
February 1994	-	-	-	W	-	W	-	W	W	W	-	W
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
March 1994	W	W	W	1,510.6	W	4,933.0	W	W	56.0	3.1	-	59.1
February 1994	-	3.8	W	W	W	465.3	W	68.1	3,193.9	W	W	4,168.5
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey												
March 1994	323.3	329.0	1,079.0	722.4	1,757.4	3,558.7	783.5	857.4	3,710.0	1,271.6	609.5	5,591.1
February 1994	-	-	-	118.5	1,368.9	1,487.3	1,043.3	1,119.0	4,551.0	2,068.2	769.5	7,388.7
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New York												
March 1994	1,268.9	1,305.3	1,443.4	W	W	5,092.9	519.1	572.1	4,133.4	W	W	5,117.7
February 1994	1,260.4	1,293.5	1,417.0	W	W	5,260.6	517.6	570.8	3,917.8	W	W	4,829.4
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania												
March 1994	W	W	W	W	1,383.5	10,531.3	W	W	W	W	-	4.7
February 1994	1,507.9	1,562.4	1,590.1	W	W	7,598.5	389.8	418.8	1,720.6	W	W	2,443.5
March 1993	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State
(Thousand Gallons per Day) — Continued

Geographic Area Month	Reformulated						All Formulations					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
United States												
March 1994	-	-	-	-	-	-	52,678.3	55,113.5	83,227.9	159,949.4	23,840.8	267,018.1
February 1994	-	-	-	-	-	-	51,680.5	54,034.1	80,288.1	154,590.9	24,593.4	259,472.4
March 1993	-	-	-	-	-	-	55,170.7	57,833.9	-	-	-	263,028.6
PAD District I												
March 1994	-	-	-	-	-	-	13,631.9	14,584.7	33,262.1	51,401.9	6,128.4	90,792.4
February 1994	-	-	-	-	-	-	13,358.2	14,301.3	31,989.1	49,962.8	6,080.2	88,032.1
March 1993	-	-	-	-	-	-	14,252.2	-	-	-	-	89,031.5
Subdistrict IA												
March 1994	-	-	-	-	-	-	559.1	647.3	4,410.3	5,371.4	348.3	10,130.0
February 1994	-	-	-	-	-	-	544.2	646.0	4,346.4	5,558.5	1,096.4	11,001.3
March 1993	-	-	-	-	-	-	584.7	-	-	-	-	10,933.0
Connecticut												
March 1994	-	-	-	-	-	-	W	122.9	1,247.5	1,588.5	-	2,836.0
February 1994	-	-	-	-	-	-	W	116.4	W	1,597.7	W	2,904.9
March 1993	-	-	-	-	-	-	W	-	-	-	-	3,045.5
Maine												
March 1994	-	-	-	-	-	-	-	W	90.7	961.2	273.5	1,325.4
February 1994	-	-	-	-	-	-	-	W	W	1,002.7	W	1,237.5
March 1993	-	-	-	-	-	-	-	-	-	-	-	1,157.9
Massachusetts												
March 1994	-	-	-	-	-	-	310.9	363.2	2,321.2	W	W	4,420.2
February 1994	-	-	-	-	-	-	302.6	366.0	2,300.8	2,190.1	740.3	5,231.2
March 1993	-	-	-	-	-	-	310.1	-	-	-	-	4,931.3
New Hampshire												
March 1994	-	-	-	-	-	-	71.3	80.3	269.4	W	W	378.0
February 1994	-	-	-	-	-	-	74.0	82.8	274.4	W	W	379.7
March 1993	-	-	-	-	-	-	86.8	-	-	-	-	537.1
Rhode Island												
March 1994	-	-	-	-	-	-	W	73.7	419.2	566.0	-	985.2
February 1994	-	-	-	-	-	-	W	72.3	406.6	W	W	1,048.1
March 1993	-	-	-	-	-	-	W	-	-	-	-	1,108.5
Vermont												
March 1994	-	-	-	-	-	-	-	W	62.3	122.9	-	185.1
February 1994	-	-	-	-	-	-	-	W	65.1	134.7	-	199.9
March 1993	-	-	-	-	-	-	-	-	-	-	-	152.7
Subdistrict IB												
March 1994	-	-	-	-	-	-	4,882.7	5,218.9	17,935.6	13,952.0	4,224.5	36,112.1
February 1994	-	-	-	-	-	-	4,743.8	5,074.3	17,108.9	13,836.6	3,932.4	34,877.8
March 1993	-	-	-	-	-	-	4,701.8	-	-	-	-	37,030.4
Delaware												
March 1994	-	-	-	-	-	-	W	W	326.8	W	W	819.4
February 1994	-	-	-	-	-	-	W	W	308.9	W	W	846.4
March 1993	-	-	-	-	-	-	W	-	-	-	-	826.8
District of Columbia												
March 1994	-	-	-	-	-	-	-	W	W	W	-	404.1
February 1994	-	-	-	-	-	-	-	W	W	W	-	389.5
March 1993	-	-	-	-	-	-	-	-	-	-	-	401.4
Maryland												
March 1994	-	-	-	-	-	-	W	71.1	W	1,513.7	W	4,992.1
February 1994	-	-	-	-	-	-	W	71.9	W	1,323.4	W	4,633.8
March 1993	-	-	-	-	-	-	-	-	-	-	-	5,261.5
New Jersey												
March 1994	-	-	-	-	-	-	1,106.8	1,186.5	4,789.0	1,994.0	2,366.8	9,149.8
February 1994	-	-	-	-	-	-	1,043.3	1,119.0	4,551.0	2,186.6	2,138.4	8,876.0
March 1993	-	-	-	-	-	-	1,006.0	-	-	-	-	10,074.4
New York												
March 1994	-	-	-	-	-	-	1,788.0	1,877.5	5,576.8	W	W	10,210.6
February 1994	-	-	-	-	-	-	1,778.0	1,864.3	5,334.9	4,361.2	394.0	10,090.0
March 1993	-	-	-	-	-	-	W	-	-	-	-	10,312.2
Pennsylvania												
March 1994	-	-	-	-	-	-	1,960.7	2,042.2	3,475.5	5,677.0	1,383.5	10,536.1
February 1994	-	-	-	-	-	-	1,897.6	1,981.2	3,310.8	5,471.8	1,259.4	10,042.0
March 1993	-	-	-	-	-	-	1,869.6	-	-	-	-	10,154.0

See footnotes at end of table.

Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State
(Thousand Gallons per Day) — Continued

Geographic Area Month	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Subdistrict IC												
March 1994	8,050.0	8,570.9	10,904.3	32,060.7	1,555.5	44,520.5	140.1	147.7	12.0	17.8	—	29.8
February 1994	7,705.8	8,186.1	W	28,695.8	W	38,932.9	364.3	394.8	W	1,872.0	W	3,220.1
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Florida												
March 1994	3,671.7	3,898.3	6,433.4	7,743.6	722.5	14,899.5	—	—	—	—	—	—
February 1994	3,661.8	3,885.5	W	7,916.5	W	14,478.7	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Georgia												
March 1994	1,602.5	1,693.2	W	6,984.4	W	8,158.6	—	—	—	—	—	—
February 1994	1,570.0	1,659.3	W	6,826.4	W	7,745.1	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
North Carolina												
March 1994	W	W	W	W	W	8,608.8	W	W	—	W	—	9.8
February 1994	592.6	651.8	W	5,846.5	W	6,133.4	114.8	122.5	W	1,406.9	W	1,642.2
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
South Carolina												
March 1994	861.9	897.8	W	3,975.1	W	4,363.9	—	—	—	—	—	—
February 1994	845.4	881.6	W	3,723.2	W	4,130.7	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Virginia												
March 1994	W	W	2,653.9	W	W	7,498.2	W	W	W	W	—	20.0
February 1994	596.7	635.2	W	3,975.6	W	5,669.8	249.6	272.3	W	465.0	W	1,577.9
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
West Virginia												
March 1994	462.3	498.4	W	W	W	991.4	—	—	—	—	—	—
February 1994	439.5	472.8	W	607.5	W	775.2	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District II												
March 1994	W	W	16,044.3	W	W	73,030.5	W	W	—	W	W	475.6
February 1994	19,079.7	19,827.7	W	51,163.7	W	72,357.1	263.1	265.5	W	463.0	W	507.3
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Illinois												
March 1994	2,573.8	2,608.9	3,585.3	5,715.5	481.5	9,782.2	—	—	—	—	—	—
February 1994	2,666.8	2,699.0	3,611.1	5,793.2	942.4	10,346.8	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Indiana												
March 1994	1,645.1	1,657.9	1,492.5	3,598.6	651.2	5,742.3	—	—	—	—	—	—
February 1994	1,661.2	1,672.6	1,473.4	3,209.6	315.3	4,998.3	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Iowa												
March 1994	266.2	271.3	W	W	—	3,340.6	—	—	—	—	—	—
February 1994	260.7	267.0	W	3,005.4	—	W	—	—	—	W	—	W
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Kansas												
March 1994	662.6	690.4	179.6	2,667.6	543.9	3,391.2	—	—	—	—	—	—
February 1994	642.3	664.8	179.9	2,478.2	693.4	3,351.5	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Kentucky												
March 1994	732.1	819.7	W	3,336.0	W	3,986.9	—	—	—	—	—	—
February 1994	717.6	802.7	582.4	W	W	3,751.1	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Michigan												
March 1994	2,703.5	2,870.8	3,686.1	5,367.4	—	9,053.5	—	—	—	—	—	—
February 1994	2,802.3	2,972.3	3,677.9	5,364.3	—	9,062.1	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Minnesota												
March 1994	W	W	W	2,677.8	W	W	W	W	—	457.7	W	W
February 1994	1,132.9	1,153.9	W	2,712.3	W	3,478.0	263.1	265.5	W	462.2	W	506.5
March 1993	—	—	—	—	—	—	—	—	—	—	—	—
Missouri												
March 1994	956.1	1,007.3	W	4,249.0	W	5,280.0	—	—	—	—	—	—
February 1994	1,064.1	1,116.4	W	4,007.9	W	5,187.3	—	—	—	—	—	—
March 1993	—	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Reformulated						All Formulations					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Subdistrict IC												
March 1994	-	-	-	-	-	-	8,190.1	8,718.5	10,916.3	32,078.5	1,555.5	44,550.3
February 1994	-	-	-	-	-	-	8,070.1	8,580.9	10,533.9	30,567.7	1,051.5	42,153.0
March 1993	-	-	-	-	-	-	8,965.6	-	-	-	-	41,068.0
Florida												
March 1994	-	-	-	-	-	-	3,671.7	3,898.3	6,433.4	7,743.6	722.5	14,899.5
February 1994	-	-	-	-	-	-	3,661.6	3,885.5	W	7,916.5	W	14,478.7
March 1993	-	-	-	-	-	-	4,313.6	-	-	-	-	13,917.5
Georgia												
March 1994	-	-	-	-	-	-	1,602.5	1,693.2	W	6,984.4	W	8,158.6
February 1994	-	-	-	-	-	-	1,570.0	1,659.3	W	6,626.4	W	7,745.1
March 1993	-	-	-	-	-	-	1,559.9	-	-	-	-	7,597.9
North Carolina												
March 1994	-	-	-	-	-	-	724.1	796.2	W	7,904.5	W	8,618.6
February 1994	-	-	-	-	-	-	707.4	774.3	W	7,253.5	W	7,775.6
March 1993	-	-	-	-	-	-	800.3	-	-	-	-	8,032.2
South Carolina												
March 1994	-	-	-	-	-	-	861.9	897.8	W	3,975.1	W	4,363.9
February 1994	-	-	-	-	-	-	845.4	881.6	W	3,723.2	W	4,130.7
March 1993	-	-	-	-	-	-	908.7	-	-	-	-	3,727.8
Virginia												
March 1994	-	-	-	-	-	-	867.5	934.8	W	4,667.5	W	7,518.2
February 1994	-	-	-	-	-	-	846.3	907.5	W	4,440.6	W	7,247.7
March 1993	-	-	-	-	-	-	925.1	-	-	-	-	6,951.4
West Virginia												
March 1994	-	-	-	-	-	-	462.3	498.4	W	803.4	W	991.4
February 1994	-	-	-	-	-	-	439.5	472.8	W	607.5	W	775.2
March 1993	-	-	-	-	-	-	458.1	-	-	-	-	841.3
PAD District II												
March 1994	-	-	-	-	-	-	18,892.1	19,657.3	16,044.3	53,304.3	4,157.6	73,506.2
February 1994	-	-	-	-	-	-	18,342.8	20,093.2	15,972.0	51,626.7	5,265.7	72,864.4
March 1993	-	-	-	-	-	-	19,948.3	-	-	-	-	69,587.1
Illinois												
March 1994	-	-	-	-	-	-	2,573.8	2,608.9	3,585.3	5,715.5	481.5	9,782.2
February 1994	-	-	-	-	-	-	2,666.8	2,699.0	3,611.1	5,793.2	942.4	10,346.8
March 1993	-	-	-	-	-	-	2,541.6	-	-	-	-	9,381.0
Indiana												
March 1994	-	-	-	-	-	-	1,645.1	1,657.9	1,492.5	3,598.6	651.2	5,742.3
February 1994	-	-	-	-	-	-	1,661.2	1,672.6	1,473.4	3,209.6	315.3	4,998.3
March 1993	-	-	-	-	-	-	1,657.8	-	-	-	-	5,215.4
Iowa												
March 1994	-	-	-	-	-	-	266.2	271.3	W	W	-	3,340.6
February 1994	-	-	-	-	-	-	260.7	267.0	W	W	-	3,227.1
March 1993	-	-	-	-	-	-	330.9	-	-	-	-	2,968.7
Kansas												
March 1994	-	-	-	-	-	-	662.6	690.4	179.6	2,667.6	543.9	3,391.2
February 1994	-	-	-	-	-	-	642.3	664.8	179.9	2,478.2	693.4	3,351.5
March 1993	-	-	-	-	-	-	611.9	-	-	-	-	3,894.5
Kentucky												
March 1994	-	-	-	-	-	-	732.1	819.7	W	3,336.0	W	3,986.9
February 1994	-	-	-	-	-	-	717.6	802.7	582.4	W	W	3,751.1
March 1993	-	-	-	-	-	-	853.0	-	-	-	-	3,480.0
Michigan												
March 1994	-	-	-	-	-	-	2,703.5	2,870.8	3,686.1	5,367.4	-	9,053.5
February 1994	-	-	-	-	-	-	2,802.3	2,972.3	3,677.9	5,384.3	-	9,062.1
March 1993	-	-	-	-	-	-	2,938.5	-	-	-	-	8,464.8
Minnesota												
March 1994	-	-	-	-	-	-	1,280.5	1,300.6	W	3,135.6	W	3,839.3
February 1994	-	-	-	-	-	-	1,395.9	1,419.4	W	3,174.5	W	3,984.5
March 1993	-	-	-	-	-	-	1,364.2	-	-	-	-	3,781.9
Missouri												
March 1994	-	-	-	-	-	-	956.1	1,007.3	W	4,249.0	W	5,290.0
February 1994	-	-	-	-	-	-	1,064.1	1,116.4	W	4,007.9	W	5,187.3
March 1993	-	-	-	-	-	-	1,282.5	-	-	-	-	4,616.5

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Nebraska												
March 1994	161.9	167.3	154.3	1,626.9	-	1,781.3	-	-	-	-	-	-
February 1994	159.3	164.4	175.4	1,524.1	-	1,699.5	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota												
March 1994	10.8	12.3	W	W	-	866.5	-	-	-	-	-	-
February 1994	11.0	13.2	W	730.3	W	826.0	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Ohio												
March 1994	4,921.5	5,173.4	W	4,230.4	W	7,738.5	-	-	-	-	-	-
February 1994	5,037.5	5,275.6	W	4,018.4	W	7,405.1	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Oklahoma												
March 1994	811.3	859.8	W	3,513.0	W	5,186.6	-	-	-	-	-	-
February 1994	792.7	841.5	W	3,499.2	W	5,917.0	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota												
March 1994	20.7	25.6	43.2	W	W	1,021.2	-	-	-	-	-	-
February 1994	21.3	26.0	W	891.3	W	936.5	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee												
March 1994	1,352.8	1,385.7	W	6,857.2	W	7,665.7	-	-	-	-	-	-
February 1994	1,308.9	1,344.5	W	6,626.9	W	7,369.3	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin												
March 1994	793.2	806.3	667.1	W	-	W	-	-	-	W	-	W
February 1994	801.1	813.9	687.2	W	-	W	-	-	-	W	-	W
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District III												
March 1994	7,720.8	8,077.5	W	W	10,003.3	49,882.8	470.5	485.9	W	W	-	732.1
February 1994	7,156.7	7,480.8	4,261.3	34,133.0	9,824.3	48,218.6	533.3	553.8	173.9	1,032.9	-	1,206.8
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Alabama												
March 1994	410.9	452.2	W	4,742.8	W	5,124.5	-	-	-	-	-	-
February 1994	408.3	445.6	W	4,506.8	W	4,865.9	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Arkansas												
March 1994	317.2	321.8	W	3,814.2	W	3,865.6	-	-	-	-	-	-
February 1994	300.1	305.4	36.7	W	-	W	-	-	-	W	-	W
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana												
March 1994	741.1	779.0	673.9	4,239.4	1,440.2	6,353.5	-	-	-	-	-	-
February 1994	710.6	746.6	647.7	4,289.0	1,365.2	6,301.9	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi												
March 1994	107.1	132.6	W	3,168.7	W	3,304.6	-	-	-	-	-	-
February 1994	105.1	125.9	W	3,234.0	W	3,597.3	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico												
March 1994	116.6	124.5	W	W	-	W	250.6	250.6	W	W	-	W
February 1994	W	W	W	W	-	W	W	W	W	W	-	W
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Texas												
March 1994	6,028.0	6,267.4	W	17,976.5	8,383.7	W	219.8	235.3	W	644.7	-	W
February 1994	W	W	W	W	8,121.2	28,297.4	W	W	W	W	-	760.3
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District IV												
March 1994	W	W	W	W	W	W	W	W	W	W	-	W
February 1994	596.9	634.8	910.6	W	W	5,332.0	1,557.6	1,564.9	W	W	-	1,103.0
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Colorado												
March 1994	W	W	W	W	-	W	W	W	W	W	-	W
February 1994	W	144.0	W	W	-	1,427.1	W	1,560.2	W	W	-	892.3
March 1993	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Reformulated						All Formulations					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Nebraska												
March 1994	-	-	-	-	-	-	161.9	167.3	154.3	1,626.9	-	1,781.3
February 1994	-	-	-	-	-	-	159.3	164.4	175.4	1,524.1	-	1,699.5
March 1993	-	-	-	-	-	-	197.0	-	-	-	-	1,704.5
North Dakota												
March 1994	-	-	-	-	-	-	10.8	12.3	W	W	-	866.5
February 1994	-	-	-	-	-	-	11.0	13.2	W	730.3	W	826.0
March 1993	-	-	-	-	-	-	17.1	-	-	-	-	862.2
Ohio												
March 1994	-	-	-	-	-	-	4,921.5	5,173.4	W	4,230.4	W	7,738.5
February 1994	-	-	-	-	-	-	5,037.5	5,275.6	W	4,018.4	W	7,405.1
March 1993	-	-	-	-	-	-	5,178.4	-	-	-	-	7,084.9
Oklahoma												
March 1994	-	-	-	-	-	-	811.3	859.8	W	3,513.0	W	5,186.6
February 1994	-	-	-	-	-	-	792.7	841.5	W	3,499.2	W	5,917.0
March 1993	-	-	-	-	-	-	805.7	-	-	-	-	5,695.9
South Dakota												
March 1994	-	-	-	-	-	-	20.7	25.6	43.2	W	W	1,021.2
February 1994	-	-	-	-	-	-	21.3	26.0	W	891.3	W	936.5
March 1993	-	-	-	-	-	-	21.0	-	-	-	-	1,021.2
Tennessee												
March 1994	-	-	-	-	-	-	1,352.8	1,385.7	W	6,857.2	W	7,665.7
February 1994	-	-	-	-	-	-	1,308.9	1,344.5	W	6,626.9	W	7,369.3
March 1993	-	-	-	-	-	-	1,350.9	-	-	-	-	6,766.7
Wisconsin												
March 1994	-	-	-	-	-	-	793.2	806.3	667.1	4,153.4	-	4,820.5
February 1994	-	-	-	-	-	-	801.1	813.9	687.2	4,115.1	-	4,802.3
March 1993	-	-	-	-	-	-	797.7	-	-	-	-	4,666.7
PAD District III												
March 1994	-	-	-	-	-	-	8,191.3	8,563.5	4,498.2	36,113.4	10,003.3	50,614.9
February 1994	-	-	-	-	-	-	7,690.0	8,034.6	4,435.2	35,165.9	9,824.3	49,425.4
March 1993	-	-	-	-	-	-	8,431.5	-	-	-	-	50,692.8
Alabama												
March 1994	-	-	-	-	-	-	410.9	452.2	W	4,742.8	W	5,124.5
February 1994	-	-	-	-	-	-	408.3	445.8	W	4,506.8	W	4,865.9
March 1993	-	-	-	-	-	-	442.5	-	-	-	-	4,801.7
Arkansas												
March 1994	-	-	-	-	-	-	317.2	321.8	W	3,814.2	W	3,866.6
February 1994	-	-	-	-	-	-	300.1	305.4	36.7	3,844.7	-	3,881.4
March 1993	-	-	-	-	-	-	330.6	-	-	-	-	3,837.5
Louisiana												
March 1994	-	-	-	-	-	-	741.1	779.0	673.9	4,239.4	1,440.2	6,353.5
February 1994	-	-	-	-	-	-	710.6	746.6	647.7	4,269.0	1,365.2	6,301.9
March 1993	-	-	-	-	-	-	781.4	-	-	-	-	6,531.0
Mississippi												
March 1994	-	-	-	-	-	-	107.1	132.6	W	3,168.7	W	3,304.6
February 1994	-	-	-	-	-	-	105.1	125.9	W	3,234.0	W	3,597.3
March 1993	-	-	-	-	-	-	126.4	-	-	-	-	4,391.0
New Mexico												
March 1994	-	-	-	-	-	-	367.3	375.1	251.3	1,527.2	-	1,778.4
February 1994	-	-	-	-	-	-	337.0	344.7	239.9	1,481.4	-	1,721.3
March 1993	-	-	-	-	-	-	319.2	-	-	-	-	1,866.7
Texas												
March 1994	-	-	-	-	-	-	6,247.8	6,502.6	3,183.5	18,621.2	8,383.7	30,188.4
February 1994	-	-	-	-	-	-	5,828.8	6,066.4	3,126.5	17,810.0	8,121.2	29,057.6
March 1993	-	-	-	-	-	-	6,431.5	-	-	-	-	29,264.8
PAD District IV												
March 1994	-	-	-	-	-	-	2,212.4	2,257.0	W	5,878.5	W	7,044.5
February 1994	-	-	-	-	-	-	2,154.5	2,199.7	W	5,294.6	W	6,434.9
March 1993	-	-	-	-	-	-	2,165.6	-	-	-	-	7,476.7
Colorado												
March 1994	-	-	-	-	-	-	1,747.7	1,754.9	603.2	1,947.2	-	2,550.4
February 1994	-	-	-	-	-	-	1,695.8	1,704.2	594.9	1,724.4	-	2,319.4
March 1993	-	-	-	-	-	-	1,706.5	-	-	-	-	2,740.4

See footnotes at end of table.

Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State
(Thousand Gallons per Day) — Continued

Geographic Area Month	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Idaho												
March 1994	W	9.6	174.5	911.5	-	1,086.0	-	-	-	-	-	-
February 1994	W	11.9	145.6	836.2	-	981.8	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Montana												
March 1994	W	13.9	W	1,021.6	W	1,023.3	-	-	-	-	-	-
February 1994	W	W	W	W	W	W	-	W	-	W	-	W
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Utah												
March 1994	W	W	372.6	1,436.1	W	W	W	W	-	W	-	W
February 1994	W	W	W	1,140.8	W	W	W	W	W	W	-	W
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming												
March 1994	61.7	65.8	W	W	-	572.9	-	-	-	-	-	-
February 1994	57.4	61.6	W	W	-	501.0	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District V												
March 1994	7,443.8	7,727.7	25,344.0	W	W	W	2,306.8	2,323.5	W	W	-	W
February 1994	2,446.5	2,621.7	W	W	3,197.6	20,206.0	6,688.6	6,783.6	18,689.3	W	W	22,509.6
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Alaska												
March 1994	202.8	219.9	W	200.4	W	318.7	-	-	-	-	-	-
February 1994	206.3	223.6	W	186.7	W	313.0	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Arizona												
March 1994	175.0	189.1	W	973.9	W	1,533.1	1,029.5	1,041.6	W	W	-	1,567.3
February 1994	W	47.5	W	978.2	W	1,546.0	W	1,081.8	W	W	-	1,595.1
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
California												
March 1994	5,643.3	5,773.5	W	W	2,920.3	31,803.7	1,020.8	1,021.6	W	W	-	1,119.6
February 1994	1,614.6	1,654.7	5,831.7	W	W	13,066.3	4,639.9	4,705.1	14,514.7	W	W	17,545.0
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii												
March 1994	173.1	260.6	635.9	W	W	1,027.2	-	-	-	-	-	-
February 1994	172.9	257.6	614.0	99.1	-	713.1	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
March 1994	W	W	W	614.9	W	1,856.9	W	W	W	W	-	38.3
February 1994	W	25.6	W	488.6	W	941.8	W	124.8	W	W	-	854.4
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Oregon												
March 1994	W	W	W	956.0	W	W	W	W	W	W	-	W
February 1994	160.5	167.6	337.5	W	W	1,234.8	153.1	158.2	548.4	178.8	-	727.1
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
Washington												
March 1994	W	W	1,495.5	1,967.8	W	W	W	W	W	55.2	-	W
February 1994	240.1	245.1	W	1,429.1	W	2,391.1	710.0	713.7	W	W	-	1,787.9
March 1993	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State
(Thousand Gallons per Day) — Continued

Geographic Area Month	Reformulated						All Formulations					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Idaho												
March 1994	-	-	-	-	-	-	W	9.6	174.5	911.5	-	1,086.0
February 1994	-	-	-	-	-	-	W	11.9	145.6	836.2	-	981.8
March 1993	-	-	-	-	-	-	W	-	-	-	-	1,254.0
Montana												
March 1994	-	-	-	-	-	-	W	13.9	W	1,021.6	W	1,023.3
February 1994	-	-	-	-	-	-	W	13.4	W	940.1	W	941.1
March 1993	-	-	-	-	-	-	W	-	-	-	-	1,092.1
Utah												
March 1994	-	-	-	-	-	-	385.8	412.8	372.6	W	W	1,811.8
February 1994	-	-	-	-	-	-	384.5	408.6	386.3	W	W	1,891.8
March 1993	-	-	-	-	-	-	381.4	-	-	-	-	1,746.6
Wyoming												
March 1994	-	-	-	-	-	-	61.7	65.8	W	W	-	572.9
February 1994	-	-	-	-	-	-	57.4	61.6	W	W	-	501.0
March 1993	-	-	-	-	-	-	56.3	-	-	-	-	643.6
PAD District V												
March 1994	-	-	-	-	-	-	9,750.6	10,051.2	W	13,251.4	W	45,060.1
February 1994	-	-	-	-	-	-	9,135.0	9,405.4	W	12,540.9	W	42,715.6
March 1993	-	-	-	-	-	-	10,373.1	-	-	-	-	48,240.6
Alaska												
March 1994	-	-	-	-	-	-	202.8	219.9	W	200.4	W	318.7
February 1994	-	-	-	-	-	-	206.3	223.6	W	186.7	W	313.0
March 1993	-	-	-	-	-	-	193.5	-	-	-	-	330.4
Arizona												
March 1994	-	-	-	-	-	-	1,204.4	1,230.6	1,834.9	W	W	3,100.4
February 1994	-	-	-	-	-	-	1,099.1	1,129.4	1,816.7	W	W	3,141.1
March 1993	-	-	-	-	-	-	1,252.0	-	-	-	-	3,083.8
California												
March 1994	-	-	-	-	-	-	6,664.1	6,795.0	21,813.8	8,189.2	2,920.3	32,923.3
February 1994	-	-	-	-	-	-	6,254.5	6,359.8	20,346.4	7,857.8	2,407.1	30,611.4
March 1993	-	-	-	-	-	-	6,647.7	-	-	-	-	31,608.9
Hawaii												
March 1994	-	-	-	-	-	-	173.1	260.6	635.9	W	W	1,027.2
February 1994	-	-	-	-	-	-	172.9	257.6	614.0	99.1	-	713.1
March 1993	-	-	-	-	-	-	183.2	-	-	-	-	716.5
Nevada												
March 1994	-	-	-	-	-	-	149.8	165.2	1,045.5	W	W	1,895.1
February 1994	-	-	-	-	-	-	138.6	150.4	1,030.1	W	W	1,796.1
March 1993	-	-	-	-	-	-	156.4	-	-	-	-	1,922.1
Oregon												
March 1994	-	-	-	-	-	-	332.9	344.5	862.3	W	W	1,819.9
February 1994	-	-	-	-	-	-	313.6	325.8	885.8	W	W	1,661.9
March 1993	-	-	-	-	-	-	440.0	-	-	-	-	3,204.7
Washington												
March 1994	-	-	-	-	-	-	1,023.5	1,035.3	W	2,023.0	W	3,975.6
February 1994	-	-	-	-	-	-	950.1	958.9	1,951.1	W	W	4,179.0
March 1993	-	-	-	-	-	-	1,500.2	-	-	-	-	5,374.1

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^a Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

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

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

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

Table 45. Refiner Volumes of Aviation Fuels, Kerosene, No. 1 Distillate, and Propane (Consumer Grade) by PAD District and State
(Thousand Gallons per Day)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene		No. 1 Distillate		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
United States										
March 1994	227.8	620.1	43,250.5	7,015.5	268.3	2,694.4	471.2	1,197.8	2,190.8	25,780.3
February 1994	179.5	472.6	41,178.9	7,917.4	580.6	4,891.0	798.9	3,688.9	3,243.8	33,458.1
March 1993	192.1	594.1	40,750.7	8,590.7	235.6	3,312.8	588.3	2,470.9	4,402.6	30,268.6
PAD District I										
March 1994	97.5	121.4	12,775.5	1,247.5	169.2	1,730.5	W	55.0	66.4	3,943.2
February 1994	70.4	95.4	12,873.8	1,328.0	403.2	3,309.2	57.9	174.9	93.8	5,908.5
March 1993	82.0	94.4	11,970.3	1,178.6	165.0	2,189.1	86.1	444.7	W	5,454.8
Subdistrict 1A										
March 1994	W	W	1,084.9	76.5	13.4	220.8	8.6	14.7	W	94.2
February 1994	W	11.4	1,085.9	102.4	29.0	392.1	14.5	25.2	W	105.8
March 1993	W	W	991.5	99.2	31.9	210.8	21.5	128.5	W	413.0
Connecticut										
March 1994	W	1.4	259.7	W	W	W	1.6	3.1	W	21.7
February 1994	W	1.8	260.3	W	W	W	5.7	6.6	W	27.0
March 1993	W	W	223.0	W	W	W	4.3	8.5	W	106.7
Maine										
March 1994	W	—	W	W	W	63.6	W	8.7	—	5.5
February 1994	W	W	W	W	W	127.3	W	15.1	—	10.0
March 1993	W	—	W	W	W	115.6	W	51.1	W	W
Massachusetts										
March 1994	W	W	685.2	51.1	W	40.0	W	W	—	12.8
February 1994	W	W	673.5	42.5	9.8	63.3	W	W	—	13.1
March 1993	W	W	613.9	84.7	W	32.0	W	W	W	168.1
New Hampshire										
March 1994	W	W	19.4	W	W	W	W	W	W	22.4
February 1994	W	W	23.0	W	W	W	W	0.5	W	13.7
March 1993	W	W	26.9	W	W	3.7	W	W	W	57.4
Rhode Island										
March 1994	W	W	46.9	W	W	W	W	W	—	13.1
February 1994	W	W	46.9	2.8	W	—	W	—	—	15.9
March 1993	W	W	47.0	W	—	3.1	8.8	W	—	W
Vermont										
March 1994	W	W	W	1.0	—	12.2	W	1.2	—	18.8
February 1994	W	W	W	W	W	11.1	W	W	—	26.1
March 1993	W	W	W	W	—	W	—	W	W	52.0
Subdistrict 1B										
March 1994	W	W	5,494.3	799.5	126.2	865.1	20.3	26.7	W	1,260.1
February 1994	W	19.0	5,420.6	841.9	316.0	1,577.0	32.4	128.6	W	1,751.2
March 1993	W	W	5,892.7	698.4	95.5	930.4	38.0	231.1	W	1,555.9
Delaware										
March 1994	W	W	1.8	—	W	W	—	—	—	W
February 1994	—	W	1.9	—	W	W	—	—	—	W
March 1993	W	W	2.4	W	—	W	W	W	—	W
District of Columbia										
March 1994	—	—	—	—	—	W	—	—	—	—
February 1994	W	—	—	—	—	W	—	—	—	—
March 1993	W	—	—	—	—	W	—	—	—	—
Maryland										
March 1994	W	W	264.0	15.1	W	106.7	4.3	W	—	W
February 1994	W	W	266.8	48.5	W	198.0	5.4	2.4	—	W
March 1993	W	W	220.9	W	2.6	95.5	4.6	3.5	W	W
New Jersey										
March 1994	W	W	3,939.4	519.3	28.6	122.4	W	W	—	269.2
February 1994	4.5	5.7	3,913.7	519.3	139.3	380.1	W	W	W	325.3
March 1993	W	W	4,451.8	389.4	10.4	168.9	10.0	36.4	19.9	262.4
New York										
March 1994	W	8.8	372.4	86.4	56.7	295.7	W	W	—	234.8
February 1994	W	W	340.6	95.6	89.8	467.6	W	W	—	354.0
March 1993	W	3.2	275.0	117.1	65.2	253.1	W	100.3	W	348.6
Pennsylvania										
March 1994	W	8.4	916.6	178.8	29.3	340.2	7.4	7.5	W	601.7
February 1994	W	6.3	897.6	178.5	41.9	528.1	16.7	79.0	W	817.1
March 1993	W	2.1	942.6	181.2	17.3	410.1	21.2	87.9	W	719.5

See footnotes at end of table.

Table 45. Refiner Volumes of Aviation Fuels, Kerosene, No. 1 Distillate, and Propane (Consumer Grade) by PAD District and State
(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene		No. 1 Distillate		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Subdistrict IC										
March 1994	67.5	82.1	6,196.3	371.5	29.8	644.5	W	13.5	60.3	2,588.9
February 1994	48.6	65.0	6,367.2	383.8	58.2	1,340.1	11.0	21.0	66.3	4,051.6
March 1993	56.7	77.0	5,086.1	361.0	37.6	1,047.9	26.6	65.2	W	3,485.9
Florida										
March 1994	43.6	37.6	3,129.7	214.5	6.4	28.4	—	W	W	630.1
February 1994	33.3	32.3	3,370.8	209.7	9.6	53.2	—	—	W	773.0
March 1993	36.9	42.5	2,566.8	220.4	5.4	60.5	W	W	W	674.8
Georgia										
March 1994	5.9	W	1,409.2	72.8	2.5	32.8	—	—	W	370.5
February 1994	4.5	W	1,640.5	83.4	6.4	68.1	W	W	W	666.1
March 1993	4.5	14.0	1,163.7	53.7	8.5	74.3	W	W	W	659.7
North Carolina										
March 1994	W	W	376.4	35.3	2.6	254.3	W	1.3	25.5	588.2
February 1994	2.3	W	297.4	49.0	11.4	575.3	4.9	NA	47.8	1,077.8
March 1993	4.2	W	302.2	28.5	7.0	463.2	3.5	18.5	W	1,007.3
South Carolina										
March 1994	W	W	W	W	3.1	105.0	W	NA	W	W
February 1994	4.1	W	W	W	6.8	232.0	—	W	W	W
March 1993	W	11.9	W	W	7.2	175.5	W	—	W	636.4
Virginia										
March 1994	W	6.4	1,179.4	34.3	5.8	187.5	0.6	11.2	W	565.5
February 1994	W	W	973.9	27.5	5.1	358.8	1.6	9.7	W	811.6
March 1993	4.5	W	973.6	65.5	5.7	237.1	8.1	52.6	56.8	438.1
West Virginia										
March 1994	W	W	W	W	9.3	36.6	W	0.8	—	W
February 1994	W	1.2	W	W	19.0	52.7	W	8.4	—	W
March 1993	W	W	W	W	3.8	37.4	5.2	4.9	W	69.5
PAD District II										
March 1994	55.6	149.0	8,489.5	856.1	78.1	496.9	260.4	751.8	1,084.0	8,068.3
February 1994	49.8	109.7	7,861.6	1,220.4	132.2	1,143.8	547.1	2,662.6	1,716.7	11,846.8
March 1993	44.2	143.7	7,824.6	811.4	57.4	625.4	313.1	1,316.4	1,806.7	9,625.9
Illinois										
March 1994	W	W	1,423.5	81.6	5.4	16.9	W	52.0	144.2	1,161.2
February 1994	W	W	1,277.9	91.8	7.2	60.2	151.6	224.8	222.1	1,424.9
March 1993	W	W	1,236.7	95.0	5.5	44.7	W	139.2	276.4	1,189.5
Indiana										
March 1994	2.8	13.9	1,585.6	114.5	5.9	53.1	8.3	74.7	W	359.5
February 1994	2.4	16.0	1,345.7	304.0	12.1	114.6	38.3	214.7	W	504.1
March 1993	1.2	21.2	1,513.1	66.7	W	62.2	18.7	107.1	162.8	469.8
Iowa										
March 1994	W	8.0	53.5	17.8	—	1.7	3.6	41.2	W	273.7
February 1994	W	7.8	51.9	16.7	—	7.1	19.2	291.6	W	517.6
March 1993	W	7.1	W	22.1	—	2.0	W	78.7	W	368.7
Kansas										
March 1994	W	14.1	W	W	—	W	1.4	48.4	W	2,173.8
February 1994	W	9.6	W	29.3	—	12.6	11.9	186.1	W	3,341.6
March 1993	W	12.4	359.8	W	—	3.0	3.0	73.7	W	2,706.2
Kentucky										
March 1994	3.2	W	594.7	20.6	19.8	61.0	2.4	W	W	330.5
February 1994	W	W	593.3	55.4	25.2	143.3	12.9	W	—	452.6
March 1993	W	3.4	402.3	48.3	5.0	79.4	21.6	42.3	W	466.3
Michigan										
March 1994	W	W	923.9	76.1	4.0	84.6	47.5	162.7	W	307.9
February 1994	W	W	891.7	69.9	8.7	159.8	87.2	232.4	W	429.1
March 1993	W	W	889.5	46.2	5.8	72.5	36.6	204.6	510.4	362.0
Minnesota										
March 1994	W	14.3	856.3	118.4	W	6.3	42.0	75.6	W	410.3
February 1994	W	10.1	948.6	92.4	W	37.0	73.6	361.5	W	711.6
March 1993	W	14.0	859.8	87.5	W	8.3	47.2	134.6	W	446.3
Missouri										
March 1994	W	11.9	408.6	61.4	W	6.7	W	15.0	—	713.0
February 1994	W	9.0	392.3	53.6	W	26.4	W	70.8	—	1,149.5
March 1993	W	12.6	322.5	61.8	—	10.0	14.3	34.7	W	939.4

See footnotes at end of table.

Table 45. Refiner Volumes of Aviation Fuels, Kerosene, No. 1 Distillate, and Propane (Consumer Grade) by PAD District and State
(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene		No. 1 Distillate		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Nebraska										
March 1994	W	5.2	64.5	19.3	—	W	W	21.8	W	178.6
February 1994	W	W	73.1	18.3	—	1.4	W	189.1	W	341.5
March 1993	W	5.8	63.0	17.3	—	W	W	53.5	—	251.1
North Dakota										
March 1994	0.9	W	13.7	4.4	—	W	W	14.3	W	184.7
February 1994	W	W	16.4	W	NA	0.8	18.9	114.6	W	374.0
March 1993	0.9	W	18.8	6.4	W	W	4.1	32.4	W	199.2
Ohio										
March 1994	W	13.1	1,006.0	NA	33.3	170.7	11.1	30.8	W	688.4
February 1994	W	6.2	886.3	303.1	59.8	347.3	31.6	70.7	W	593.3
March 1993	W	7.1	816.3	116.6	29.4	223.0	14.1	69.2	168.6	652.6
Oklahoma										
March 1994	W	13.7	668.0	72.2	—	W	W	42.9	6.0	534.9
February 1994	W	9.8	536.0	116.6	W	2.1	26.4	76.3	10.1	714.5
March 1993	W	13.2	676.9	129.5	—	2.0	1.6	70.1	8.7	649.7
South Dakota										
March 1994	W	W	W	W	—	W	W	27.6	W	104.5
February 1994	W	W	W	W	—	1.3	2.8	154.6	W	204.9
March 1993	W	5.8	W	W	—	W	1.2	52.1	W	115.5
Tennessee										
March 1994	5.7	10.3	656.8	25.1	7.8	68.9	—	W	—	111.4
February 1994	6.4	7.5	580.9	27.2	17.2	218.9	W	W	—	266.1
March 1993	5.6	12.7	491.0	46.4	6.5	115.7	20.7	37.3	W	212.2
Wisconsin										
March 1994	W	12.9	165.0	22.3	W	1.7	7.6	136.5	W	575.8
February 1994	W	9.1	165.9	26.3	W	10.0	37.7	469.1	W	823.6
March 1993	—	10.4	116.3	25.0	W	W	10.2	186.9	180.7	597.5
PAD District III										
March 1994	25.8	156.2	8,024.0	2,693.5	4.5	408.1	W	58.9	885.0	11,247.2
February 1994	18.4	113.9	7,781.1	3,280.6	W	339.7	28.1	139.4	1,160.0	12,942.8
March 1993	17.4	123.8	8,849.6	4,407.5	W	468.1	33.8	102.0	1,144.1	12,509.2
Alabama										
March 1994	4.9	9.9	97.9	24.5	0.8	15.9	—	W	W	350.1
February 1994	3.2	11.5	96.6	45.0	4.1	38.4	—	W	W	541.1
March 1993	3.7	9.3	110.7	18.2	W	40.8	1.1	W	78.2	604.9
Arkansas										
March 1994	W	W	13.7	29.2	W	2.7	—	W	W	177.5
February 1994	W	W	16.2	20.5	W	W	—	0.8	W	333.8
March 1993	W	W	14.5	29.3	W	4.1	W	W	W	311.4
Louisiana										
March 1994	W	5.8	2,265.0	578.8	W	237.0	—	—	239.9	638.9
February 1994	W	3.3	2,056.0	666.6	W	59.0	—	W	W	533.7
March 1993	W	5.6	1,805.6	518.7	W	W	W	W	310.7	1,006.0
Mississippi										
March 1994	W	6.6	334.0	11.6	W	W	—	—	W	600.2
February 1994	W	5.0	411.8	421.5	W	W	—	—	W	1,044.4
March 1993	W	4.0	521.2	91.1	—	W	1.6	W	W	832.1
New Mexico										
March 1994	W	W	258.5	27.7	—	W	W	12.0	W	543.2
February 1994	W	W	265.5	25.8	—	4.3	W	37.1	W	663.1
March 1993	W	W	124.6	36.7	W	2.8	W	8.7	209.7	481.9
Texas										
March 1994	NA	119.4	5,055.0	2,021.7	W	17.7	W	44.1	527.9	8,937.3
February 1994	6.1	82.8	4,936.0	2,081.3	W	28.8	W	100.5	511.0	9,826.8
March 1993	5.6	88.7	6,272.9	3,713.5	W	17.1	W	32.9	381.6	9,273.0
PAD District IV										
March 1994	10.2	31.5	1,280.0	133.2	W	11.0	39.4	136.8	33.5	935.3
February 1994	5.9	21.6	1,276.0	109.0	W	54.8	77.0	411.3	W	1,187.3
March 1993	6.4	32.0	1,352.0	123.1	—	4.5	52.4	300.6	W	901.2
Colorado										
March 1994	W	13.5	702.1	70.5	—	5.6	W	52.4	W	329.7
February 1994	W	10.8	750.2	81.6	—	35.1	29.5	103.3	W	458.1
March 1993	W	14.1	796.7	84.7	—	W	14.1	114.3	2.3	312.5

See footnotes at end of table.

Table 45. Refiner Volumes of Aviation Fuels, Kerosene, No. 1 Distillate, and Propane (Consumer Grade) by PAD District and State
(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene		No. 1 Distillate		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Idaho										
March 1994	W	W	41.8	8.5	—	—	W	10.5	W	W
February 1994	W	W	44.8	8.7	—	—	5.1	44.3	W	—
March 1993	W	W	34.6	4.7	—	W	W	33.1	W	3.8
Montana										
March 1994	W	W	50.0	W	—	W	1.9	25.6	W	170.1
February 1994	W	W	55.7	W	—	17.1	2.1	100.4	W	213.3
March 1993	W	W	62.8	W	—	—	W	48.1	W	179.7
Utah										
March 1994	0.5	9.7	481.6	43.1	—	W	3.9	19.7	W	W
February 1994	0.9	7.5	418.3	32.0	—	W	18.4	75.7	W	186.6
March 1993	W	12.4	450.6	24.7	—	W	17.0	45.6	W	98.4
Wyoming										
March 1994	W	W	4.6	W	W	—	8.2	28.6	7.2	297.3
February 1994	0.3	W	7.1	W	W	W	21.9	87.6	14.8	329.4
March 1993	0.8	W	7.2	W	—	W	16.3	59.5	28.4	306.7
PAD District V										
March 1994	38.8	182.1	12,681.5	2,085.2	W	48.0	110.2	197.3	121.9	1,586.4
February 1994	35.0	131.9	11,366.5	1,999.5	11.8	43.5	88.8	300.7	W	1,570.7
March 1993	42.2	200.2	10,754.3	2,070.1	W	25.7	102.9	307.2	399.5	1,777.5
Alaska										
March 1994	W	13.9	1,410.5	178.6	—	—	102.2	170.6	W	W
February 1994	W	13.6	1,281.6	143.3	—	—	71.4	183.6	W	W
March 1993	W	W	1,010.1	25.4	—	—	54.0	162.5	W	W
Arizona										
March 1994	W	11.8	703.7	88.9	W	W	W	1.7	—	29.7
February 1994	W	9.5	683.5	78.2	W	W	W	2.2	—	33.0
March 1993	7.8	14.1	525.6	80.3	W	W	W	3.8	W	27.3
California										
March 1994	18.1	86.6	7,475.4	1,463.1	—	33.3	W	W	8.0	1,051.3
February 1994	16.1	78.5	6,602.7	1,429.8	—	14.3	W	22.0	W	1,000.6
March 1993	23.2	121.9	6,370.4	1,529.5	—	17.0	W	34.2	W	1,202.1
Hawaii										
March 1994	W	W	878.6	W	—	—	—	—	W	W
February 1994	W	W	818.0	W	—	—	—	—	W	W
March 1993	W	W	828.5	10.4	—	—	W	W	W	W
Nevada										
March 1994	W	W	547.6	77.3	—	—	W	W	—	49.1
February 1994	W	5.3	519.0	101.1	—	—	W	5.8	—	68.6
March 1993	W	W	428.1	118.5	—	—	W	8.8	W	50.0
Oregon										
March 1994	W	16.5	370.4	W	W	W	W	4.9	W	7.5
February 1994	W	13.0	329.7	W	W	W	2.3	32.2	W	8.1
March 1993	W	13.7	348.4	48.7	W	W	2.1	41.7	W	8.8
Washington										
March 1994	W	W	1,295.3	126.1	W	8.1	2.8	12.8	—	340.3
February 1994	W	W	1,171.9	75.4	W	W	4.0	54.9	—	369.0
March 1993	W	18.3	1,243.1	257.2	—	W	4.7	55.7	W	410.9

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

**Table 46. Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes
by PAD District and State**
(Thousand Gallons per Day)

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
United States										
March 1994	12,704.5	54,595.7	9,757.8	16,193.9	22,482.4	70,789.6	3,065.7	38,587.8	25,528.1	109,377.4
February 1994	12,311.8	49,360.0	9,173.8	15,455.0	21,485.5	64,815.0	4,101.3	47,317.2	25,586.8	112,132.2
March 1993	-	-	-	-	-	-	-	-	24,520.9	107,111.6
PAD District I										
March 1994	4,521.6	13,948.2	1,505.0	2,480.2	6,026.8	16,428.4	2,057.0	21,982.5	8,083.6	38,410.9
February 1994	4,374.3	12,537.8	1,610.9	2,528.6	5,985.2	15,066.4	2,934.7	29,287.5	8,919.9	44,353.9
March 1993	-	-	-	-	-	-	-	-	8,214.4	39,906.6
Subdistrict IA										
March 1994	247.8	W	27.6	W	275.4	1,439.3	307.0	4,424.4	582.4	5,863.7
February 1994	W	W	W	W	228.0	1,170.4	478.4	5,919.8	706.4	7,090.1
March 1993	-	-	-	-	-	-	-	-	495.8	4,727.4
Connecticut										
March 1994	W	427.4	W	-	83.3	427.4	11.5	1,593.4	94.8	2,020.7
February 1994	W	W	W	W	55.6	280.7	33.2	1,849.3	88.8	2,130.0
March 1993	-	-	-	-	-	-	-	-	81.5	1,715.3
Maine										
March 1994	W	W	-	W	W	102.0	W	505.4	19.9	607.4
February 1994	W	W	W	W	W	113.6	W	906.7	25.0	1,020.3
March 1993	-	-	-	-	-	-	-	-	27.5	529.4
Massachusetts										
March 1994	118.3	W	24.9	W	143.2	731.1	233.8	1,310.9	376.9	2,042.0
February 1994	W	W	W	W	130.5	661.5	356.9	1,858.0	487.4	2,519.5
March 1993	-	-	-	-	-	-	-	-	310.5	1,598.2
New Hampshire										
March 1994	W	57.5	W	-	14.0	57.5	W	W	45.0	157.6
February 1994	W	39.9	W	-	12.8	39.9	W	W	57.4	147.5
March 1993	-	-	-	-	-	-	-	-	15.8	148.9
Rhode Island										
March 1994	W	W	W	W	14.1	80.8	18.6	887.5	32.7	968.4
February 1994	W	51.1	W	-	11.3	51.1	25.4	1,113.1	36.7	1,164.2
March 1993	-	-	-	-	-	-	-	-	38.9	644.1
Vermont										
March 1994	6.0	W	W	W	W	40.5	W	W	13.1	67.7
February 1994	6.6	W	W	W	W	23.5	W	W	11.1	108.5
March 1993	-	-	-	-	-	-	-	-	21.5	91.5
Subdistrict IB										
March 1994	1,605.2	W	291.5	W	1,896.7	5,713.9	1,267.0	14,118.6	3,163.7	19,832.5
February 1994	W	W	W	W	2,013.6	4,706.2	1,829.1	19,217.7	3,842.7	23,923.9
March 1993	-	-	-	-	-	-	-	-	3,166.5	23,555.1
Delaware										
March 1994	27.8	W	W	W	W	W	W	373.5	W	W
February 1994	28.7	W	W	W	W	195.4	W	473.2	95.5	668.6
March 1993	-	-	-	-	-	-	-	-	W	676.0
District of Columbia										
March 1994	1.6	W	W	-	W	W	W	66.3	W	W
February 1994	W	6.3	-	-	W	6.3	W	60.8	14.5	87.1
March 1993	-	-	-	-	-	-	-	-	W	191.3
Maryland										
March 1994	200.0	530.0	92.8	83.6	292.8	613.7	217.5	826.0	510.3	1,439.7
February 1994	169.9	427.8	203.0	60.8	372.9	486.6	259.4	1,059.7	632.3	1,548.3
March 1993	-	-	-	-	-	-	-	-	393.3	1,305.0
New Jersey										
March 1994	364.7	1,427.8	52.1	192.5	416.8	1,620.4	171.2	5,307.4	588.0	6,927.7
February 1994	337.8	1,009.9	54.4	188.8	392.2	1,198.7	342.9	8,034.7	735.1	9,233.4
March 1993	-	-	-	-	-	-	-	-	642.7	8,707.7
New York										
March 1994	355.3	W	17.8	W	373.1	857.6	478.2	3,505.5	851.3	4,363.1
February 1994	382.9	W	16.8	W	399.7	766.8	683.2	4,565.9	1,082.9	5,332.7
March 1993	-	-	-	-	-	-	-	-	829.7	6,642.1
Pennsylvania										
March 1994	655.9	2,125.7	123.9	299.1	779.7	2,424.7	327.7	4,040.0	1,107.5	6,464.8
February 1994	606.9	1,843.4	210.6	207.0	817.5	2,050.4	464.9	5,023.4	1,282.4	7,073.8
March 1993	-	-	-	-	-	-	-	-	1,196.4	6,032.9

See footnotes at end of table.

**Table 46. Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes
by PAD District and State**
(Thousand Gallons per Day) — Continued

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
Subdistrict IC										
March 1994	2,668.6	7,738.8	1,185.9	1,536.5	3,854.5	9,275.2	483.0	3,439.4	4,337.5	12,714.6
February 1994	2,836.5	7,514.8	1,107.0	1,675.1	3,743.5	9,189.9	627.3	4,150.0	4,370.8	13,339.8
March 1993	—	—	—	—	—	—	—	—	4,552.1	11,624.1
Florida										
March 1994	868.6	2,054.0	378.8	453.7	1,247.4	2,507.7	75.6	538.8	1,323.0	3,046.5
February 1994	855.5	1,976.5	303.8	415.0	1,159.3	2,391.6	118.7	574.9	1,278.0	2,966.5
March 1993	—	—	—	—	—	—	—	—	1,490.8	2,866.2
Georgia										
March 1994	747.9	1,621.6	194.5	234.7	942.4	1,856.3	78.5	391.8	1,020.8	2,248.1
February 1994	703.7	1,943.5	173.6	394.7	877.3	2,338.2	59.3	398.3	936.6	2,738.4
March 1993	—	—	—	—	—	—	—	—	987.9	1,869.5
North Carolina										
March 1994	384.8	1,513.2	188.5	352.7	573.4	1,865.9	120.9	739.3	694.3	2,605.2
February 1994	424.5	1,318.7	193.3	392.3	617.9	1,711.0	105.2	922.4	723.1	2,633.4
March 1993	—	—	—	—	—	—	—	—	691.3	2,465.7
South Carolina										
March 1994	290.2	W	32.8	W	323.0	898.3	W	296.2	371.1	1,194.5
February 1994	297.4	W	34.3	W	331.6	760.2	W	429.1	427.7	1,179.3
March 1993	—	—	—	—	—	—	—	—	391.8	986.2
Virginia										
March 1994	250.6	1,509.3	223.4	309.7	474.0	1,819.0	107.9	1,299.6	581.9	3,118.7
February 1994	238.0	1,388.5	214.3	322.0	462.3	1,710.5	202.0	1,635.0	654.3	3,345.5
March 1993	—	—	—	—	—	—	—	—	563.8	2,941.2
West Virginia										
March 1994	128.5	W	168.0	W	294.5	328.0	W	173.7	346.4	501.7
February 1994	117.4	W	187.7	W	305.1	288.5	W	190.3	351.0	478.8
March 1993	—	—	—	—	—	—	—	—	426.6	495.3
PAD District II										
March 1994	4,575.8	17,196.5	3,345.8	3,222.7	7,921.6	20,419.2	810.8	8,206.5	8,732.4	28,625.7
February 1994	4,434.8	14,908.5	3,100.0	2,763.7	7,534.8	17,672.1	995.6	8,274.3	8,530.4	25,946.4
March 1993	—	—	—	—	—	—	—	—	8,284.2	26,005.3
Illinois										
March 1994	429.5	1,484.5	248.5	185.7	678.0	1,670.2	W	1,460.4	726.6	3,130.6
February 1994	394.0	1,390.8	228.3	227.8	622.3	1,618.6	W	1,529.7	694.3	3,148.3
March 1993	—	—	—	—	—	—	—	—	642.8	2,773.5
Indiana										
March 1994	511.4	1,325.8	484.0	310.2	995.3	1,636.0	W	881.1	1,099.7	2,517.1
February 1994	W	1,530.3	W	174.3	920.5	1,704.6	W	913.8	1,035.5	2,618.4
March 1993	—	—	—	—	—	—	—	—	1,106.6	2,274.1
Iowa										
March 1994	W	1,301.6	W	127.2	279.8	1,428.8	W	256.2	282.5	1,685.0
February 1994	W	923.7	W	63.4	260.7	987.1	W	151.8	264.5	1,138.9
March 1993	—	—	—	—	—	—	—	—	330.5	1,394.4
Kansas										
March 1994	149.7	1,319.1	240.2	442.4	389.9	1,761.5	W	352.8	426.7	2,114.3
February 1994	180.1	774.9	142.6	148.6	322.7	923.4	W	339.5	339.5	1,262.9
March 1993	—	—	—	—	—	—	—	—	405.9	1,702.4
Kentucky										
March 1994	261.4	730.5	492.8	242.6	754.2	973.1	85.9	478.8	840.1	1,451.9
February 1994	233.0	710.3	414.3	206.2	647.4	916.5	W	630.7	774.6	1,547.2
March 1993	—	—	—	—	—	—	—	—	737.4	1,475.5
Michigan										
March 1994	393.6	1,210.5	56.8	229.6	450.5	1,440.2	W	832.3	533.5	2,272.4
February 1994	359.1	1,036.7	72.0	305.7	431.2	1,342.4	108.5	1,042.9	539.7	2,385.3
March 1993	—	—	—	—	—	—	—	—	582.1	2,204.1
Minnesota										
March 1994	192.9	760.0	284.1	213.9	477.0	973.9	W	300.0	515.6	1,273.9
February 1994	158.9	741.6	258.6	239.8	417.5	981.5	68.0	420.6	485.5	1,402.0
March 1993	—	—	—	—	—	—	—	—	316.3	1,388.5
Missouri										
March 1994	W	1,541.4	W	143.7	325.4	1,685.1	W	233.9	332.8	1,918.9
February 1994	W	1,241.4	W	92.4	290.3	1,333.8	W	127.4	291.5	1,461.2
March 1993	—	—	—	—	—	—	—	—	351.5	1,552.5

See footnotes at end of table.

**Table 46. Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes
by PAD District and State**
(Thousand Gallons per Day) — Continued

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
Nebraska										
March 1994	28.6	658.9	—	160.8	28.6	819.7	—	103.4	28.6	923.1
February 1994	W	395.9	W	49.1	110.0	445.0	W	44.9	110.5	489.9
March 1993	—	—	—	—	—	—	—	—	W	789.4
North Dakota										
March 1994	W	281.2	W	78.7	130.4	359.9	W	70.2	143.3	430.2
February 1994	19.2	176.1	W	34.0	W	210.1	W	54.5	W	284.8
March 1993	—	—	—	—	—	—	—	—	W	580.8
Ohio										
March 1994	1,216.5	1,339.2	434.6	314.1	1,651.2	1,653.3	304.5	1,430.6	1,955.7	3,083.9
February 1994	1,197.2	1,359.9	456.7	351.8	1,653.9	1,711.8	344.1	1,396.3	1,998.0	3,108.0
March 1993	—	—	—	—	—	—	—	—	1,833.8	2,841.3
Oklahoma										
March 1994	W	1,999.4	W	189.3	614.8	2,188.6	W	463.4	619.6	2,652.1
February 1994	W	2,022.4	W	237.4	573.3	2,259.8	W	302.9	614.9	2,562.7
March 1993	—	—	—	—	—	—	—	—	431.0	2,431.6
South Dakota										
March 1994	W	403.0	W	52.9	10.2	455.8	—	59.6	10.2	515.4
February 1994	W	311.4	W	16.8	W	328.1	—	51.3	W	379.4
March 1993	—	—	—	—	—	—	—	—	8.9	587.0
Tennessee										
March 1994	582.7	1,720.4	314.4	199.2	897.1	1,919.5	62.4	669.8	959.5	2,589.3
February 1994	608.5	1,455.7	324.6	281.6	933.1	1,737.4	68.6	504.6	1,001.8	2,242.0
March 1993	—	—	—	—	—	—	—	—	916.7	1,998.0
Wisconsin										
March 1994	W	1,121.0	W	332.4	239.3	1,453.4	18.6	614.2	257.9	2,067.5
February 1994	W	837.4	W	334.8	186.1	1,172.2	21.3	763.5	207.4	1,935.7
March 1993	—	—	—	—	—	—	—	—	238.9	2,012.2
PAD District III										
March 1994	1,656.8	12,185.7	2,727.3	6,035.2	4,384.1	18,220.9	49.4	8,161.9	4,433.5	26,382.8
February 1994	1,591.8	12,110.3	2,570.1	5,359.6	4,161.9	17,469.9	26.5	9,044.3	4,188.4	26,514.2
March 1993	—	—	—	—	—	—	—	—	4,120.5	22,712.3
Alabama										
March 1994	244.7	960.3	170.7	372.0	415.5	1,332.3	31.5	402.9	447.0	1,735.2
February 1994	245.9	917.9	187.2	301.1	433.1	1,219.0	12.8	306.8	445.9	1,525.8
March 1993	—	—	—	—	—	—	—	—	467.6	1,351.7
Arkansas										
March 1994	W	1,063.3	W	466.1	267.4	1,529.4	W	W	268.3	1,731.8
February 1994	228.0	1,078.2	66.5	250.5	294.5	1,328.7	—	W	294.5	1,463.5
March 1993	—	—	—	—	—	—	—	—	330.3	1,227.7
Louisiana										
March 1994	157.3	1,321.5	587.6	2,430.7	744.9	3,752.3	W	1,689.9	754.4	5,442.1
February 1994	157.6	1,604.8	561.1	1,909.5	718.8	3,514.3	W	1,199.6	726.6	4,713.9
March 1993	—	—	—	—	—	—	—	—	551.6	4,077.3
Mississippi										
March 1994	145.3	933.3	143.6	955.0	288.9	1,888.3	W	190.1	289.8	2,078.4
February 1994	W	1,005.6	W	954.4	211.8	1,960.0	1.2	265.6	213.0	2,225.6
March 1993	—	—	—	—	—	—	—	—	211.7	2,954.5
New Mexico										
March 1994	W	604.2	W	21.3	146.7	625.4	—	W	146.7	626.6
February 1994	W	567.6	W	16.3	138.4	583.9	—	W	138.4	584.2
March 1993	—	—	—	—	—	—	—	—	269.5	660.2
Texas										
March 1994	757.1	7,303.1	1,763.6	1,790.1	2,520.7	9,093.2	W	5,675.5	2,527.2	14,768.7
February 1994	676.7	6,936.2	1,688.8	1,927.9	2,365.5	8,864.0	W	7,137.1	2,370.0	16,001.1
March 1993	—	—	—	—	—	—	—	—	2,289.7	12,440.8
PAD District IV										
March 1994	554.0	2,645.1	496.8	477.0	1,050.8	3,122.1	W	93.5	1,056.0	3,215.6
February 1994	514.9	2,116.8	482.0	397.5	996.9	2,514.3	W	78.8	1,000.4	2,593.1
March 1993	—	—	—	—	—	—	—	—	886.5	3,250.0
Colorado										
March 1994	119.9	824.4	173.1	99.4	293.0	923.8	—	W	293.0	978.0
February 1994	104.5	630.4	183.2	48.9	287.7	679.4	—	42.4	287.7	721.8
March 1993	—	—	—	—	—	—	—	—	271.2	881.0

See footnotes at end of table.

**Table 46. Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes
by PAD District and State**
(Thousand Gallons per Day) — Continued

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
Idaho										
March 1994	W	292.8	W	193.4	W	486.1	—	W	W	493.5
February 1994	W	W	W	W	W	424.6	—	W	W	432.9
March 1993	—	—	—	—	—	—	—	—	W	557.1
Montana										
March 1994	115.4	W	W	W	W	554.7	—	W	W	554.8
February 1994	188.6	W	—	W	188.6	392.9	—	W	188.6	393.1
March 1993	—	—	—	—	—	—	—	—	W	537.3
Utah										
March 1994	189.5	436.5	74.5	161.7	263.9	598.2	W	W	269.1	627.7
February 1994	W	369.9	58.9	162.2	W	532.1	W	W	W	558.4
March 1993	—	—	—	—	—	—	—	—	221.5	690.2
Wyoming										
March 1994	W	W	W	W	295.1	559.3	—	W	295.1	561.6
February 1994	W	479.2	W	6.2	250.4	485.4	—	W	250.4	487.1
March 1993	—	—	—	—	—	—	—	—	224.2	584.4
PAD District V										
March 1994	1,396.3	8,620.2	1,682.9	3,978.8	3,079.2	12,599.0	W	143.4	3,222.5	12,742.5
February 1994	1,396.0	7,686.6	1,410.8	4,405.6	2,806.8	12,092.2	W	632.3	2,947.8	12,724.5
March 1993	—	—	—	—	—	—	—	—	3,015.4	15,237.4
Alaska										
March 1994	W	W	14.7	W	W	348.2	72.4	W	W	463.5
February 1994	W	W	W	W	W	225.9	73.1	W	W	800.8
March 1993	—	—	—	—	—	—	—	—	154.2	1,149.3
Arizona										
March 1994	W	754.8	W	136.0	262.7	890.8	—	—	262.7	890.8
February 1994	W	853.0	W	NA	270.4	987.5	—	—	270.4	987.5
March 1993	—	—	—	—	—	—	—	—	285.4	841.6
California										
March 1994	914.5	5,240.8	241.7	1,860.1	1,156.2	7,100.9	—	—	1,156.2	7,100.9
February 1994	912.3	4,488.9	224.5	1,879.6	1,136.7	6,368.5	—	—	1,136.7	6,368.5
March 1993	—	—	—	—	—	—	—	—	1,344.9	8,180.7
Hawaii										
March 1994	48.0	W	W	W	W	157.6	W	—	W	157.6
February 1994	45.2	W	W	W	W	146.3	W	—	W	146.3
March 1993	—	—	—	—	—	—	—	—	327.0	184.6
Nevada										
March 1994	W	529.8	W	27.7	112.1	557.5	—	—	112.1	557.5
February 1994	70.6	482.7	39.1	29.4	109.7	512.1	—	—	109.7	512.1
March 1993	—	—	—	—	—	—	—	—	86.8	637.2
Oregon										
March 1994	84.1	903.5	254.8	393.5	338.9	1,297.0	W	W	357.6	1,299.5
February 1994	76.2	808.9	340.6	457.1	416.8	1,266.0	W	W	434.9	1,276.9
March 1993	—	—	—	—	—	—	—	—	447.0	1,591.6
Washington										
March 1994	W	1,095.2	W	1,151.8	853.3	2,247.1	W	25.6	895.6	2,272.7
February 1994	94.2	971.3	433.5	1,614.6	527.8	2,585.9	49.5	46.6	577.3	2,632.5
March 1993	—	—	—	—	—	—	—	—	369.9	2,652.4

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

Table 47. Refiner Residual Fuel Oil and No. 4 Fuel Volumes by PAD District
(Thousand Gallons per Day)

Geographic Area Month	Residual Fuel Oil						No. 4 Fuel ^a	
	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average Residual Fuel Oil		Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale		
United States								
March 1994	4,201.2	7,505.3	9,967.5	6,825.1	14,168.6	14,330.4	1,064.6	560.8
February 1994	6,338.7	9,623.1	9,105.3	5,758.7	15,444.0	15,381.8	1,404.8	915.0
March 1993	7,016.3	6,218.3	12,427.9	6,963.2	19,444.3	13,181.5	821.3	780.6
PAD District I								
March 1994	3,300.2	3,333.9	4,537.6	1,785.6	7,837.9	5,119.5	759.7	498.1
February 1994	5,215.0	7,644.9	4,761.6	1,545.1	9,976.6	9,190.0	1,128.1	862.7
March 1993	5,693.4	3,827.3	4,986.2	999.5	10,679.6	4,826.8	665.5	660.3
Subdistrict IA								
March 1994	W	W	W	W	W	1,570.6	W	W
February 1994	W	W	W	W	W	2,850.9	W	W
March 1993	W	W	W	W	1,301.9	W	W	W
Subdistrict IB								
March 1994	2,665.5	1,966.0	1,499.2	840.5	4,164.7	2,806.5	W	399.0
February 1994	3,857.9	5,429.5	1,357.3	509.0	5,215.3	5,938.5	W	586.7
March 1993	3,810.7	2,503.9	1,645.3	722.9	5,456.0	3,226.8	W	538.4
Subdistrict IC								
March 1994	W	W	W	W	W	742.4	18.7	W
February 1994	W	W	W	W	W	400.6	37.4	W
March 1993	W	W	W	W	3,921.8	W	91.9	W
PAD District II								
March 1994	W	W	110.7	W	W	W	W	—
February 1994	W	W	W	W	242.0	407.6	190.5	W
March 1993	W	W	W	W	140.3	370.9	W	W
PAD District III								
March 1994	W	1,977.0	W	3,156.6	2,914.2	5,133.7	W	W
February 1994	W	1,447.4	W	2,228.8	1,861.0	3,676.1	W	W
March 1993	—	2,070.7	3,392.6	3,820.5	3,392.6	5,891.2	W	—
PAD District IV								
March 1994	W	W	W	W	W	W	—	—
February 1994	W	W	W	W	17.6	125.4	—	—
March 1993	—	W	10.0	W	10.0	78.2	—	W
PAD District V								
March 1994	882.3	1,243.0	2,389.6	1,522.3	3,271.9	2,765.3	W	W
February 1994	1,097.7	400.8	2,249.1	1,581.8	3,346.8	1,982.6	W	45.8
March 1993	W	W	W	W	5,221.7	2,014.4	W	W

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

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

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

**Prime Supplier
Sales Volumes
of Petroleum
Products for
Local
Consumption**

Table 48. Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State
(Thousand Gallons per Day)

Geographic Area Month	Regular				Midgrade			
	Conventional ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
United States								
March 1994	202,519.8	14,607.6	—	217,127.4	36,796.6	2,454.2	—	39,250.8
February 1994	167,258.4	42,553.7	—	209,812.1	29,866.2	7,904.2	—	37,770.4
March 1993	—	—	—	212,635.5	—	—	—	38,255.9
PAD District I								
March 1994	60,381.3	8,703.8	—	69,085.1	15,179.5	2,096.6	—	17,276.2
February 1994	51,087.0	15,171.6	—	66,258.6	12,112.9	4,436.4	—	16,549.3
March 1993	—	—	—	67,467.5	—	—	—	16,634.2
Subdistrict IA								
March 1994	8,950.3	651.0	—	9,601.3	2,025.2	174.6	—	2,199.8
February 1994	8,841.8	603.2	—	9,445.0	2,082.7	196.1	—	2,278.8
March 1993	—	—	—	9,282.5	—	—	—	2,107.6
Connecticut								
March 1994	1,498.9	651.0	—	2,149.9	433.5	174.6	—	608.0
February 1994	W	W	—	2,086.6	W	W	—	635.4
March 1993	—	—	—	2,086.5	—	—	—	598.5
Maine								
March 1994	1,433.7	—	—	1,433.7	265.7	—	—	265.7
February 1994	1,416.6	—	—	1,416.6	278.2	—	—	278.2
March 1993	—	—	—	1,316.7	—	—	—	218.3
Massachusetts								
March 1994	4,083.8	—	—	4,083.8	912.1	—	—	912.1
February 1994	W	W	—	4,002.3	W	W	—	929.7
March 1993	—	—	—	3,843.6	—	—	—	863.1
New Hampshire								
March 1994	675.1	—	—	675.1	141.5	—	—	141.5
February 1994	679.6	—	—	679.6	149.2	—	—	149.2
March 1993	—	—	—	748.9	—	—	—	152.5
Rhode Island								
March 1994	843.8	—	—	843.8	193.1	—	—	193.1
February 1994	847.0	—	—	847.0	202.9	—	—	202.9
March 1993	—	—	—	886.6	—	—	—	200.8
Vermont								
March 1994	414.9	—	—	414.9	79.3	—	—	79.3
February 1994	412.8	—	—	412.8	83.5	—	—	83.5
March 1993	—	—	—	400.2	—	—	—	74.5
Subdistrict IB								
March 1994	18,299.2	7,956.2	—	26,255.4	4,116.6	1,884.5	—	6,001.2
February 1994	12,637.6	12,423.0	—	25,060.7	2,218.1	3,533.4	—	5,751.5
March 1993	—	—	—	26,185.8	—	—	—	5,802.0
Delaware								
March 1994	W	W	—	673.3	W	W	—	229.5
February 1994	W	W	—	603.0	W	W	—	205.8
March 1993	—	—	—	653.6	—	—	—	210.9
District of Columbia								
March 1994	W	W	—	128.5	W	W	—	85.0
February 1994	W	W	—	124.3	W	W	—	81.5
March 1993	—	—	—	165.4	—	—	—	85.5
Maryland								
March 1994	2,785.8	37.1	—	2,822.8	978.1	12.5	—	990.6
February 1994	312.5	2,320.3	—	2,632.8	82.4	867.4	—	949.8
March 1993	—	—	—	3,064.3	—	—	—	991.5
New Jersey								
March 1994	1,785.5	3,914.4	—	5,699.8	374.2	900.5	—	1,274.8
February 1994	814.9	4,821.6	—	5,636.5	53.2	1,197.6	—	1,250.8
March 1993	—	—	—	5,898.3	—	—	—	1,211.1
New York								
March 1994	4,941.6	3,567.1	—	8,508.7	671.4	871.1	—	1,542.5
February 1994	4,882.8	3,287.5	—	8,170.3	679.6	829.1	—	1,508.7
March 1993	—	—	—	8,475.1	—	—	—	W
Pennsylvania								
March 1994	7,987.8	434.4	—	8,422.2	1,780.1	98.8	—	1,878.9
February 1994	6,102.8	1,791.0	—	7,893.8	1,231.4	523.5	—	1,754.9
March 1993	—	—	—	7,929.1	—	—	—	W

See footnotes at end of table.

Table 48. Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State
(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
United States								
March 1994	58,569.0	8,090.5	—	66,659.5	297,885.5	25,152.3	—	323,037.7
February 1994	49,237.0	17,058.1	—	66,295.0	246,361.5	67,518.0	—	313,877.5
March 1993	—	—	—	62,032.8	—	—	—	316,644.2
PAD District I								
March 1994	23,905.2	6,149.4	—	30,054.6	99,466.0	16,949.9	—	116,415.9
February 1994	19,378.0	9,717.3	—	29,095.3	82,577.9	29,325.3	—	111,903.2
March 1993	—	—	—	27,583.2	—	—	—	111,890.8
Subdistrict IA								
March 1994	3,301.1	322.8	—	3,623.9	14,276.6	1,148.4	—	15,425.0
February 1994	3,436.2	310.6	—	3,746.9	14,360.6	1,110.0	—	15,470.6
March 1993	—	—	—	3,493.2	—	—	—	14,883.4
Connecticut								
March 1994	602.7	322.8	—	925.5	2,535.1	1,148.4	—	3,683.5
February 1994	W	W	—	930.4	W	W	—	3,652.4
March 1993	—	—	—	922.3	—	—	—	3,607.2
Maine								
March 1994	359.1	—	—	359.1	2,058.5	—	—	2,058.5
February 1994	389.3	—	—	389.3	2,084.2	—	—	2,084.2
March 1993	—	—	—	344.1	—	—	—	1,879.1
Massachusetts								
March 1994	1,660.6	—	—	1,660.6	6,656.5	—	—	6,656.5
February 1994	W	W	—	1,688.4	W	W	—	6,620.4
March 1993	—	—	—	1,511.2	—	—	—	6,217.9
New Hampshire								
March 1994	201.9	—	—	201.9	1,018.6	—	—	1,018.6
February 1994	218.1	—	—	218.1	1,046.9	—	—	1,046.9
March 1993	—	—	—	214.4	—	—	—	1,115.8
Rhode Island								
March 1994	338.7	—	—	338.7	1,375.7	—	—	1,375.7
February 1994	361.8	—	—	361.8	1,411.7	—	—	1,411.7
March 1993	—	—	—	376.5	—	—	—	1,463.9
Vermont								
March 1994	138.1	—	—	138.1	632.3	—	—	632.3
February 1994	158.8	—	—	158.8	655.0	—	—	655.0
March 1993	—	—	—	124.8	—	—	—	599.5
Subdistrict IB								
March 1994	6,790.2	5,776.3	—	12,566.5	29,206.1	15,616.9	—	44,823.0
February 1994	3,801.8	8,451.7	—	12,253.5	18,657.5	24,408.1	—	43,065.6
March 1993	—	—	—	11,762.1	—	—	—	43,753.5
Delaware								
March 1994	219.9	1.2	—	221.0	1,118.6	5.2	—	1,123.7
February 1994	W	W	—	205.8	W	W	—	1,014.6
March 1993	—	—	—	232.3	—	—	—	1,096.9
District of Columbia								
March 1994	212.4	0.7	—	213.1	425.1	1.5	—	426.6
February 1994	W	W	—	197.9	W	W	—	403.6
March 1993	—	—	—	198.1	—	—	—	449.0
Maryland								
March 1994	1,451.3	15.4	—	1,466.7	5,215.2	65.0	—	5,280.2
February 1994	112.6	1,256.3	—	1,368.8	507.5	4,443.9	—	4,951.4
March 1993	—	—	—	1,390.0	—	—	—	5,445.7
New Jersey								
March 1994	821.2	2,673.3	—	3,494.5	2,980.9	7,488.2	—	10,469.1
February 1994	194.0	3,187.9	—	3,381.8	1,062.1	9,207.0	—	10,269.1
March 1993	—	—	—	3,215.8	—	—	—	10,325.2
New York								
March 1994	1,237.4	2,950.9	—	4,188.2	6,850.4	7,389.1	—	14,239.5
February 1994	1,263.2	2,882.4	—	4,145.6	6,825.5	6,999.0	—	13,824.6
March 1993	—	—	—	3,988.4	—	—	—	14,012.5
Pennsylvania								
March 1994	2,848.0	134.9	—	2,982.9	12,615.9	668.1	—	13,284.0
February 1994	2,069.7	883.9	—	2,953.6	9,403.8	3,198.5	—	12,602.3
March 1993	—	—	—	2,737.6	—	—	—	12,424.1

See footnotes at end of table.

Table 48. Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State
(Thousand Gallons per Day) — Continued

Geographic Area Month	Regular				Midgrade			
	Conventional ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Subdistrict IC								
March 1994	33,131.8	96.6	—	33,228.5	9,037.7	37.5	—	9,075.2
February 1994	29,607.6	2,145.4	—	31,753.0	7,812.1	707.0	—	8,519.1
March 1993	—	—	—	31,999.1	—	—	—	8,724.6
Florida								
March 1994	10,582.9	—	—	10,582.9	3,399.7	—	—	3,399.7
February 1994	10,449.4	—	—	10,449.4	3,202.7	—	—	3,202.7
March 1993	—	—	—	10,390.7	—	—	—	3,267.5
Georgia								
March 1994	6,575.1	—	—	6,575.1	1,638.6	—	—	1,638.6
February 1994	6,238.3	—	—	6,238.3	1,574.8	—	—	1,574.8
March 1993	—	—	—	6,198.8	—	—	—	W
North Carolina								
March 1994	6,263.6	15.7	—	6,279.3	1,451.5	1.6	—	1,453.1
February 1994	4,669.4	1,142.0	—	5,811.4	994.6	312.7	—	1,307.3
March 1993	—	—	—	6,208.2	—	—	—	1,417.5
South Carolina								
March 1994	3,586.5	—	—	3,586.5	816.5	—	—	816.5
February 1994	3,418.0	—	—	3,418.0	760.9	—	—	760.9
March 1993	—	—	—	3,375.9	—	—	—	763.5
Virginia								
March 1994	5,022.5	80.9	—	5,103.4	1,486.5	35.9	—	1,522.5
February 1994	3,873.3	1,003.4	—	4,876.6	1,052.6	394.3	—	1,446.9
March 1993	—	—	—	4,879.1	—	—	—	1,435.2
West Virginia								
March 1994	1,101.2	—	—	1,101.2	244.8	—	—	244.8
February 1994	959.4	—	—	959.4	226.5	—	—	226.5
March 1993	—	—	—	946.4	—	—	—	W
PAD District II								
March 1994	67,419.0	442.3	—	67,861.3	9,385.6	57.4	—	9,443.0
February 1994	64,711.2	668.8	—	65,380.0	9,122.9	46.4	—	9,169.3
March 1993	—	—	—	67,395.1	—	—	—	9,141.8
Illinois								
March 1994	8,139.8	—	—	8,139.8	1,579.4	—	—	1,579.4
February 1994	7,554.9	—	—	7,554.9	1,540.8	—	—	1,540.8
March 1993	—	—	—	8,495.0	—	—	—	W
Indiana								
March 1994	5,156.4	—	—	5,156.4	869.5	—	—	869.5
February 1994	4,790.1	—	—	4,790.1	846.1	—	—	846.1
March 1993	—	—	—	4,988.3	—	—	—	W
Iowa								
March 1994	3,463.5	—	—	3,463.5	45.8	—	—	45.8
February 1994	3,298.7	—	—	3,298.7	45.7	—	—	45.7
March 1993	—	—	—	3,145.2	—	—	—	W
Kansas								
March 1994	3,358.1	—	—	3,358.1	136.8	—	—	136.8
February 1994	3,138.5	—	—	3,138.5	136.0	—	—	136.0
March 1993	—	—	—	3,487.7	—	—	—	W
Kentucky								
March 1994	3,451.2	—	—	3,451.2	748.3	—	—	748.3
February 1994	3,294.7	—	—	3,294.7	697.9	—	—	697.9
March 1993	—	—	—	3,285.4	—	—	—	W
Michigan								
March 1994	8,682.0	—	—	8,682.0	1,296.5	—	—	1,296.5
February 1994	8,420.2	—	—	8,420.2	1,265.5	—	—	1,265.5
March 1993	—	—	—	8,688.7	—	—	—	1,180.2
Minnesota								
March 1994	3,924.3	442.3	—	4,366.6	302.3	57.4	—	359.7
February 1994	3,947.8	668.8	—	4,616.6	309.4	46.4	—	355.8
March 1993	—	—	—	4,408.8	—	—	—	373.8
Missouri								
March 1994	5,459.7	—	—	5,459.7	554.4	—	—	554.4
February 1994	5,345.9	—	—	5,345.9	562.5	—	—	562.5
March 1993	—	—	—	4,964.5	—	—	—	W

See footnotes at end of table.

Table 48. Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State
(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Subdistrict IC								
March 1994	13,813.8	50.4	—	13,864.2	55,983.3	184.6	—	56,167.9
February 1994	12,140.1	954.9	—	13,095.0	49,559.8	3,807.2	—	53,367.0
March 1993	—	—	—	12,327.9	—	—	—	53,053.9
Florida								
March 1994	5,343.6	—	—	5,343.6	19,326.3	—	—	19,326.3
February 1994	5,229.0	—	—	5,229.0	18,881.0	—	—	18,881.0
March 1993	—	—	—	5,073.7	—	—	—	18,731.8
Georgia								
March 1994	2,569.9	—	—	2,569.9	10,783.6	—	—	10,783.6
February 1994	2,400.1	—	—	2,400.1	10,213.1	—	—	10,213.1
March 1993	—	—	—	2,190.1	—	—	—	9,998.0
North Carolina								
March 1994	2,190.5	2.9	—	2,193.5	9,905.7	20.3	—	9,925.9
February 1994	1,582.8	432.6	—	2,015.4	7,246.7	1,887.3	—	9,134.0
March 1993	—	—	—	1,898.0	—	—	—	9,523.7
South Carolina								
March 1994	1,135.4	—	—	1,135.4	5,538.4	—	—	5,538.4
February 1994	1,037.7	—	—	1,037.7	5,216.6	—	—	5,216.6
March 1993	—	—	—	921.8	—	—	—	5,061.2
Virginia								
March 1994	2,252.1	47.5	—	2,299.5	8,761.1	164.3	—	8,925.4
February 1994	1,628.6	522.3	—	2,150.9	6,554.5	1,919.9	—	8,474.4
March 1993	—	—	—	1,996.4	—	—	—	8,310.7
West Virginia								
March 1994	322.3	—	—	322.3	1,668.3	—	—	1,668.3
February 1994	261.9	—	—	261.9	1,447.8	—	—	1,447.8
March 1993	—	—	—	247.8	—	—	—	1,428.4
PAD District II								
March 1994	14,944.3	83.6	—	15,028.0	91,748.9	583.4	—	92,332.3
February 1994	16,093.3	150.4	—	16,243.7	89,927.4	865.6	—	90,793.0
March 1993	—	—	—	13,835.2	—	—	—	90,496.2
Illinois								
March 1994	2,284.1	—	—	2,284.1	12,003.3	—	—	12,003.3
February 1994	2,652.3	—	—	2,652.3	11,748.0	—	—	11,748.0
March 1993	—	—	—	2,181.6	—	—	—	12,227.8
Indiana								
March 1994	1,306.7	—	—	1,306.7	7,332.6	—	—	7,332.6
February 1994	1,425.3	—	—	1,425.3	7,061.6	—	—	7,061.6
March 1993	—	—	—	1,230.5	—	—	—	7,046.9
Iowa								
March 1994	251.8	—	—	251.8	3,761.1	—	—	3,761.1
February 1994	264.5	—	—	264.5	3,608.9	—	—	3,608.9
March 1993	—	—	—	240.2	—	—	—	3,449.2
Kansas								
March 1994	405.1	—	—	405.1	3,900.0	—	—	3,900.0
February 1994	390.6	—	—	390.6	3,665.1	—	—	3,665.1
March 1993	—	—	—	396.2	—	—	—	4,024.5
Kentucky								
March 1994	1,197.2	—	—	1,197.2	5,396.7	—	—	5,396.7
February 1994	1,105.8	—	—	1,105.8	5,098.3	—	—	5,098.3
March 1993	—	—	—	970.2	—	—	—	4,977.4
Michigan								
March 1994	1,994.5	—	—	1,994.5	11,973.1	—	—	11,973.1
February 1994	2,381.0	—	—	2,381.0	12,066.7	—	—	12,066.7
March 1993	—	—	—	1,862.6	—	—	—	11,753.1
Minnesota								
March 1994	421.1	83.6	—	504.8	4,647.7	583.4	—	5,231.1
February 1994	462.3	150.4	—	612.7	4,719.5	865.6	—	5,585.1
March 1993	—	—	—	449.8	—	—	—	5,235.8
Missouri								
March 1994	1,115.5	—	—	1,115.5	7,129.5	—	—	7,129.5
February 1994	1,127.0	—	—	1,127.0	7,035.4	—	—	7,035.4
March 1993	—	—	—	1,083.2	—	—	—	6,681.2

See footnotes at end of table.

Table 48. Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State
(Thousand Gallons per Day) — Continued

Geographic Area Month	Regular				Midgrade			
	Conventional ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Nebraska								
March 1994	1,894.0	—	—	1,894.0	8.3	—	—	8.3
February 1994	1,785.9	—	—	1,785.9	9.1	—	—	9.1
March 1993	—	—	—	1,781.1	—	—	—	14.9
North Dakota								
March 1994	795.9	—	—	795.9	W	—	—	W
February 1994	770.5	—	—	770.5	W	—	—	W
March 1993	—	—	—	785.2	—	—	—	W
Ohio								
March 1994	8,885.5	—	—	8,885.5	1,814.8	—	—	1,814.8
February 1994	8,408.8	—	—	8,408.8	1,808.0	—	—	1,808.0
March 1993	—	—	—	8,616.2	—	—	—	W
Oklahoma								
March 1994	3,727.5	—	—	3,727.5	211.7	—	—	211.7
February 1994	3,812.7	—	—	3,812.7	204.9	—	—	204.9
March 1993	—	—	—	4,357.1	—	—	—	232.6
South Dakota								
March 1994	911.5	—	—	911.5	W	—	—	W
February 1994	902.2	—	—	902.2	W	—	—	W
March 1993	—	—	—	966.5	—	—	—	W
Tennessee								
March 1994	5,087.1	—	—	5,087.1	1,358.1	—	—	1,358.1
February 1994	4,778.0	—	—	4,778.0	1,235.9	—	—	1,235.9
March 1993	—	—	—	4,822.3	—	—	—	1,314.6
Wisconsin								
March 1994	4,502.5	—	—	4,502.5	421.9	—	—	421.9
February 1994	4,462.3	—	—	4,462.3	420.6	—	—	420.6
March 1993	—	—	—	4,603.1	—	—	—	W
PAD District III								
March 1994	32,443.4	952.9	—	33,396.3	6,595.2	94.8	—	6,690.0
February 1994	31,313.8	1,453.0	—	32,766.8	6,159.0	134.0	—	6,293.0
March 1993	—	—	—	32,740.2	—	—	—	6,406.9
Alabama								
March 1994	3,592.5	—	—	3,592.5	791.9	—	—	791.9
February 1994	3,407.1	—	—	3,407.1	796.9	—	—	796.9
March 1993	—	—	—	3,461.6	—	—	—	770.1
Arkansas								
March 1994	3,038.1	—	—	3,038.1	417.0	—	—	417.0
February 1994	3,018.7	—	—	3,018.7	382.8	—	—	382.8
March 1993	—	—	—	2,911.2	—	—	—	W
Louisiana								
March 1994	3,642.9	—	—	3,642.9	855.4	—	—	855.4
February 1994	3,770.1	—	—	3,770.1	814.4	—	—	814.4
March 1993	—	—	—	3,527.4	—	—	—	887.6
Mississippi								
March 1994	2,346.8	—	—	2,346.8	481.1	—	—	481.1
February 1994	2,336.1	—	—	2,336.1	402.3	—	—	402.3
March 1993	—	—	—	2,807.7	—	—	—	457.8
New Mexico								
March 1994	W	W	—	1,940.1	81.5	—	—	81.5
February 1994	1,303.0	633.3	—	1,936.2	21.9	33.4	—	55.4
March 1993	—	—	—	1,708.4	—	—	—	63.1
Texas								
March 1994	W	W	—	18,835.8	3,968.3	94.8	—	4,063.1
February 1994	17,478.9	819.7	—	18,298.6	3,740.8	100.6	—	3,841.4
March 1993	—	—	—	18,323.8	—	—	—	W
PAD District IV								
March 1994	7,143.5	426.5	—	7,570.0	W	W	—	785.8
February 1994	4,953.9	2,115.4	—	7,069.3	335.4	460.8	—	796.3
March 1993	—	—	—	6,961.5	—	—	—	552.7
Colorado								
March 1994	W	W	—	3,285.1	W	W	—	582.4
February 1994	W	W	—	3,131.9	W	W	—	575.9
March 1993	—	—	—	3,318.6	—	—	—	439.5

See footnotes at end of table.

Table 48. Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State
(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Nebraska								
March 1994	122.2	—	—	122.2	2,024.4	—	—	2,024.4
February 1994	118.3	—	—	118.3	1,913.4	—	—	1,913.4
March 1993	—	—	—	103.8	—	—	—	1,907.8
North Dakota								
March 1994	W	—	—	W	880.5	—	—	880.5
February 1994	W	—	—	W	881.0	—	—	881.0
March 1993	—	—	—	40.9	—	—	—	870.8
Ohio								
March 1994	2,111.8	—	—	2,111.8	12,812.1	—	—	12,812.1
February 1994	2,475.6	—	—	2,475.6	12,692.3	—	—	12,692.3
March 1993	—	—	—	2,132.2	—	—	—	12,486.5
Oklahoma								
March 1994	792.3	—	—	792.3	4,731.4	—	—	4,731.4
February 1994	770.3	—	—	770.3	4,787.9	—	—	4,787.9
March 1993	—	—	—	703.2	—	—	—	5,298.0
South Dakota								
March 1994	W	—	—	W	997.5	—	—	997.5
February 1994	W	—	—	W	978.6	—	—	978.6
March 1993	—	—	—	58.2	—	—	—	1,044.0
Tennessee								
March 1994	2,031.8	—	—	2,031.8	8,455.0	—	—	8,455.0
February 1994	1,909.0	—	—	1,909.0	7,922.8	—	—	7,922.8
March 1993	—	—	—	1,858.1	—	—	—	7,795.0
Wisconsin								
March 1994	779.7	—	—	779.7	5,704.1	—	—	5,704.1
February 1994	885.3	—	—	885.3	5,768.2	—	—	5,768.2
March 1993	—	—	—	724.7	—	—	—	5,700.2
PAD District III								
March 1994	9,567.9	161.1	—	9,729.0	48,806.5	1,208.8	—	49,815.3
February 1994	9,242.4	232.8	—	9,475.1	46,715.2	1,819.8	—	48,534.9
March 1993	—	—	—	8,770.1	—	—	—	48,289.0
Alabama								
March 1994	1,344.6	—	—	1,344.6	5,729.0	—	—	5,729.0
February 1994	1,234.4	—	—	1,234.4	5,438.4	—	—	5,438.4
March 1993	—	—	—	1,125.3	—	—	—	5,357.0
Arkansas								
March 1994	793.5	—	—	793.5	4,248.7	—	—	4,248.7
February 1994	886.9	—	—	886.9	4,288.4	—	—	4,288.4
March 1993	—	—	—	696.3	—	—	—	4,039.6
Louisiana								
March 1994	1,446.3	—	—	1,446.3	5,944.5	—	—	5,944.5
February 1994	1,346.9	—	—	1,346.9	5,931.4	—	—	5,931.4
March 1993	—	—	—	1,260.7	—	—	—	5,675.7
Mississippi								
March 1994	766.4	—	—	766.4	3,594.3	—	—	3,594.3
February 1994	775.3	—	—	775.3	3,513.6	—	—	3,513.6
March 1993	—	—	—	670.6	—	—	—	3,936.2
New Mexico								
March 1994	W	W	—	239.1	W	W	—	2,260.7
February 1994	153.7	69.1	—	222.8	1,478.6	735.8	—	2,214.4
March 1993	—	—	—	208.7	—	—	—	2,229.4
Texas								
March 1994	W	W	—	5,139.2	W	W	—	28,038.1
February 1994	4,845.1	163.6	—	5,008.8	26,064.8	1,084.0	—	27,148.7
March 1993	—	—	—	4,808.5	—	—	—	27,051.0
PAD District IV								
March 1994	W	W	—	1,840.4	9,435.1	561.1	—	9,996.2
February 1994	1,059.8	446.2	—	1,506.0	6,349.1	3,022.4	—	9,371.5
March 1993	—	—	—	1,469.1	—	—	—	9,812.6
Colorado								
March 1994	599.5	63.5	—	662.9	W	W	—	4,530.4
February 1994	224.5	396.7	—	621.2	1,527.6	2,801.3	—	4,329.0
March 1993	—	—	—	638.0	—	—	—	4,549.9

See footnotes at end of table.

Table 48. Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State
(Thousand Gallons per Day) — Continued

Geographic Area Month	Regular				Midgrade			
	Conventional ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Idaho								
March 1994	1,144.3	—	—	1,144.3	W	—	—	W
February 1994	1,016.6	—	—	1,016.6	W	—	—	W
March 1993	—	—	—	891.8	—	—	—	—
Montana								
March 1994	973.2	—	—	973.2	—	—	—	—
February 1994	W	W	—	888.1	—	—	—	—
March 1993	—	—	—	763.9	—	—	—	—
Utah								
March 1994	W	W	—	1,572.0	W	W	—	184.3
February 1994	1,345.5	131.9	—	1,477.3	W	W	—	196.3
March 1993	—	—	—	1,447.0	—	—	—	W
Wyoming								
March 1994	595.5	—	—	595.5	W	—	—	W
February 1994	555.4	—	—	555.4	W	—	—	W
March 1993	—	—	—	540.2	—	—	—	W
PAD District V								
March 1994	35,132.7	4,082.0	—	39,214.6	W	W	—	5,055.9
February 1994	15,192.5	23,144.9	—	38,337.5	2,135.9	2,826.5	—	4,962.5
March 1993	—	—	—	38,071.2	—	—	—	5,520.2
Alaska								
March 1994	492.9	—	—	492.9	W	—	—	W
February 1994	490.1	—	—	490.1	—	—	—	—
March 1993	—	—	—	471.5	—	—	—	—
Arizona								
March 1994	W	W	—	4,015.0	W	W	—	54.8
February 1994	1,410.1	2,672.9	—	4,083.0	W	W	—	48.9
March 1993	—	—	—	3,151.8	—	—	—	28.5
California								
March 1994	24,565.2	899.3	—	25,464.5	4,589.5	133.4	—	4,722.9
February 1994	9,536.3	15,378.8	—	24,915.1	1,889.5	2,741.7	—	4,631.1
March 1993	—	—	—	25,192.3	—	—	—	W
Hawaii								
March 1994	565.8	—	—	565.8	126.3	—	—	126.3
February 1994	493.4	—	—	493.4	W	—	—	W
March 1993	—	—	—	565.9	—	—	—	107.4
Nevada								
March 1994	W	W	—	1,556.4	142.0	—	—	142.0
February 1994	632.9	836.8	—	1,469.7	73.8	77.3	—	151.1
March 1993	—	—	—	1,518.2	—	—	—	203.2
Oregon								
March 1994	2,216.2	33.8	—	2,250.0	W	W	—	W
February 1994	1,063.2	1,156.0	—	2,219.2	W	W	—	W
March 1993	—	—	—	2,544.3	—	—	—	W
Washington								
March 1994	W	W	—	4,870.0	W	—	—	W
February 1994	1,566.6	3,100.4	—	4,667.1	W	W	—	8.9
March 1993	—	—	—	4,627.3	—	—	—	W

See footnotes at end of table.

Table 48. Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State
(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Idaho								
March 1994	W	-	-	W	1,337.2	-	-	1,337.2
February 1994	W	-	-	W	1,201.3	-	-	1,201.3
March 1993	-	-	-	138.8	-	-	-	1,271.9
Montana								
March 1994	173.0	-	-	173.0	1,146.2	-	-	1,146.2
February 1994	W	W	-	160.0	W	W	-	1,048.0
March 1993	-	-	-	160.4	-	-	-	1,103.6
Utah								
March 1994	W	W	-	518.8	W	W	-	2,275.0
February 1994	W	W	-	461.8	W	W	-	2,135.4
March 1993	-	-	-	434.4	-	-	-	2,163.9
Wyoming								
March 1994	W	-	-	W	707.5	-	-	707.5
February 1994	W	-	-	W	657.8	-	-	657.8
March 1993	-	-	-	97.5	-	-	-	723.3
PAD District V								
March 1994	W	W	-	10,207.5	48,629.0	5,849.0	-	54,478.1
February 1994	3,463.4	6,511.5	-	9,974.9	20,791.9	32,483.0	-	53,274.9
March 1993	-	-	-	10,375.1	-	-	-	56,355.6
Alaska								
March 1994	W	-	-	W	566.5	-	-	566.5
February 1994	75.8	-	-	75.8	565.9	-	-	565.9
March 1993	-	-	-	60.0	-	-	-	556.8
Arizona								
March 1994	228.8	500.1	-	728.9	1,801.5	2,997.3	-	4,798.7
February 1994	W	W	-	682.8	1,605.1	3,209.6	-	4,814.6
March 1993	-	-	-	602.5	-	-	-	4,371.9
California								
March 1994	6,668.0	979.9	-	7,647.9	35,822.7	2,012.6	-	37,835.3
February 1994	2,426.3	5,119.8	-	7,546.1	13,852.0	23,240.3	-	37,092.3
March 1993	-	-	-	7,433.5	-	-	-	37,605.0
Hawaii								
March 1994	323.6	-	-	323.6	1,015.7	-	-	1,015.7
February 1994	W	-	-	W	924.7	-	-	924.7
March 1993	-	-	-	321.5	-	-	-	994.7
Nevada								
March 1994	305.3	0.7	-	306.1	W	W	-	2,004.5
February 1994	99.6	188.8	-	288.5	806.3	1,103.0	-	1,909.3
March 1993	-	-	-	340.6	-	-	-	2,066.6
Oregon								
March 1994	304.4	W	-	W	W	W	-	2,561.0
February 1994	W	W	-	W	1,207.7	1,305.8	-	2,513.4
March 1993	-	-	-	460.5	-	-	-	3,663.3
Washington								
March 1994	W	W	-	W	4,949.0	747.3	-	5,696.3
February 1994	W	W	-	778.6	1,830.2	3,624.4	-	5,454.6
March 1993	-	-	-	1,156.5	-	-	-	6,897.3

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^a Includes leaded gasoline data.

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

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

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

Geographic Area Month	Aviation Gasoline	Naphtha- Type Jet Fuel	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Less Than or Equal to 1 Percent	Sulfur Greater Than 1 Percent	Total Residual Fuel Oil
United States							
March 1994	828.1	2,321.8	51,579.4	33,308.1	19,482.5	23,373.4	42,855.9
February 1994	853.9	1,984.0	49,088.6	46,972.6	27,889.5	23,119.0	50,988.5
March 1993	747.6	5,632.9	47,830.8	37,933.9	14,077.7	22,302.7	36,380.5
PAD District I							
March 1994	219.3	W	13,763.5	7,113.2	16,243.9	14,899.2	31,143.1
February 1994	185.4	W	13,783.0	10,442.7	24,742.1	15,485.3	40,207.4
March 1993	178.5	W	12,827.7	8,342.8	11,536.7	10,369.4	21,906.1
Subdistrict 1A							
March 1994	17.7	W	1,164.0	758.3	3,130.1	2,985.8	6,116.0
February 1994	18.5	W	1,185.9	979.0	5,101.3	3,829.9	8,931.2
March 1993	16.2	-	1,094.6	949.7	3,291.1	1,778.2	5,069.3
Connecticut							
March 1994	2.6	W	272.5	107.4	W	W	654.3
February 1994	2.9	-	272.0	134.0	W	W	800.9
March 1993	2.7	-	233.2	175.5	W	W	800.1
Maine							
March 1994	W	-	71.7	76.0	352.7	776.6	1,129.4
February 1994	W	-	111.0	104.2	456.1	918.1	1,374.2
March 1993	W	-	W	81.5	741.2	722.9	1,464.0
Massachusetts							
March 1994	W	-	737.5	161.3	1,775.6	1,374.4	3,150.0
February 1994	3.6	W	718.0	214.0	3,553.2	1,869.0	5,422.3
March 1993	W	-	699.1	284.8	1,523.8	540.4	2,064.3
New Hampshire							
March 1994	1.1	-	20.8	211.1	87.4	798.5	886.0
February 1994	1.5	-	28.4	272.5	39.7	1,005.9	1,045.6
March 1993	1.5	-	29.5	215.3	28.6	482.2	508.8
Rhode Island							
March 1994	W	-	48.7	49.2	W	W	258.5
February 1994	W	-	49.7	65.9	246.1	-	246.1
March 1993	W	-	47.9	56.7	W	W	198.1
Vermont							
March 1994	W	-	12.9	153.2	W	W	37.9
February 1994	1.6	-	8.8	188.4	W	W	42.1
March 1993	1.9	-	W	135.8	W	W	38.1
Subdistrict 1B							
March 1994	51.2	W	6,250.3	2,667.5	11,222.3	4,531.1	15,753.3
February 1994	34.3	W	6,249.0	3,461.2	17,850.8	3,433.0	21,283.8
March 1993	30.4	W	6,335.5	2,419.6	6,968.0	3,572.5	10,540.5
Delaware							
March 1994	1.2	-	6.0	W	W	137.5	W
February 1994	W	W	6.5	238.3	670.9	W	W
March 1993	W	W	7.5	232.5	W	W	W
District of Columbia							
March 1994	-	-	-	W	W	-	W
February 1994	W	-	-	-	W	-	W
March 1993	W	-	-	-	W	-	W
Maryland							
March 1994	7.7	-	223.5	213.9	450.7	1,223.7	1,674.4
February 1994	4.0	-	282.3	241.9	W	W	1,863.0
March 1993	4.1	-	221.6	174.2	W	W	1,208.9
New Jersey							
March 1994	14.3	W	4,464.5	468.3	2,115.9	404.7	2,520.6
February 1994	8.9	-	4,448.2	571.8	3,897.4	488.3	4,385.7
March 1993	7.5	-	4,641.3	338.5	900.2	846.1	1,746.3
New York							
March 1994	11.1	W	463.8	801.9	7,113.7	2,071.0	9,184.7
February 1994	9.1	-	436.8	1,036.6	9,334.9	804.1	10,139.0
March 1993	8.9	-	333.6	745.9	4,180.0	991.9	5,171.9
Pennsylvania							
March 1994	16.9	-	1,092.5	974.7	760.4	694.0	1,454.4
February 1994	11.2	-	1,075.3	1,372.7	3,432.4	749.3	4,181.7
March 1993	8.5	-	1,131.5	928.5	882.1	824.0	1,706.1

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline	Naphtha- Type Jet Fuel	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Less Than or Equal to 1 Percent	Sulfur Greater Than 1 Percent	Total Residual Fuel Oil
Subdistrict IC							
March 1994	150.3	—	6,349.2	3,687.5	1,891.5	7,382.3	9,273.8
February 1994	132.6	—	6,348.0	6,002.5	1,790.0	8,202.4	9,992.4
March 1993	132.0	—	5,397.6	4,973.4	1,277.5	5,018.8	6,296.3
Florida							
March 1994	82.2	—	3,112.3	907.4	1,497.1	4,980.1	6,487.2
February 1994	66.6	—	3,252.2	1,134.8	1,203.8	4,517.4	5,721.1
March 1993	78.2	—	2,694.7	1,155.3	1,208.8	2,898.0	3,902.7
Georgia							
March 1994	21.9	—	1,479.7	656.1	—	470.6	470.6
February 1994	16.3	—	1,722.9	1,283.6	W	W	621.7
March 1993	18.5	—	1,222.5	1,028.1	W	328.4	W
North Carolina							
March 1994	19.2	—	426.7	949.5	W	W	816.8
February 1994	13.1	—	273.8	1,686.6	W	W	1,067.5
March 1993	8.6	—	343.5	1,416.5	W	W	920.2
South Carolina							
March 1994	W	—	102.0	433.3	W	W	W
February 1994	9.2	—	86.6	804.1	W	W	W
March 1993	16.0	—	76.7	725.0	W	W	W
Virginia							
March 1994	12.5	—	1,211.8	653.1	331.8	745.6	1,077.5
February 1994	25.3	—	999.2	974.4	W	W	1,861.9
March 1993	7.8	—	1,043.9	569.8	19.6	769.5	789.2
West Virginia							
March 1994	W	—	16.7	88.2	W	W	W
February 1994	3.1	—	13.4	119.0	W	W	W
March 1993	2.9	—	16.4	77.7	W	W	63.3
PAD District II							
March 1994	206.7	779.5	9,311.0	10,992.0	W	W	782.6
February 1994	159.4	717.6	8,896.5	18,069.5	211.9	771.7	983.6
March 1993	187.5	949.4	8,592.3	12,966.7	43.8	592.5	626.4
Illinois							
March 1994	W	W	860.1	1,427.9	W	—	W
February 1994	W	—	808.0	1,979.5	W	—	W
March 1993	13.1	—	865.3	1,573.0	W	W	2.2
Indiana							
March 1994	17.4	W	1,643.5	726.1	W	W	38.2
February 1994	18.4	W	1,394.9	1,056.5	W	W	52.5
March 1993	22.3	W	1,570.5	931.0	W	W	77.5
Iowa							
March 1994	8.3	W	71.2	689.6	—	W	W
February 1994	8.1	W	68.6	1,306.9	—	W	W
March 1993	7.0	W	54.4	706.3	—	—	—
Kansas							
March 1994	15.5	W	82.1	1,290.8	—	—	—
February 1994	10.2	W	135.6	2,077.3	—	—	—
March 1993	13.5	W	374.4	2,288.3	W	—	W
Kentucky							
March 1994	6.9	—	620.2	496.8	W	W	W
February 1994	2.3	—	652.7	790.0	W	W	W
March 1993	4.0	—	450.7	602.9	W	W	17.1
Michigan							
March 1994	27.5	W	996.1	1,049.7	W	W	62.4
February 1994	26.7	—	955.9	1,737.0	W	W	57.0
March 1993	25.3	—	935.3	1,116.1	W	W	48.0
Minnesota							
March 1994	14.9	W	973.1	750.2	W	W	211.1
February 1994	10.8	W	1,039.5	1,331.9	W	W	310.6
March 1993	15.1	W	940.9	817.1	W	W	170.6
Missouri							
March 1994	13.0	W	1,124.5	1,216.7	W	—	W
February 1994	9.7	W	1,025.0	1,956.1	W	W	90.0
March 1993	13.5	W	866.6	1,270.1	W	W	W

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline	Naphtha- Type Jet Fuel	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Less Than or Equal to 1 Percent	Sulfur Greater Than 1 Percent	Total Residual Fuel Oil
Nebraska							
March 1994	6.5	W	83.7	315.5	—	W	W
February 1994	4.4	W	91.5	622.5	—	W	W
March 1993	6.6	—	80.3	282.0	—	W	W
North Dakota							
March 1994	W	W	18.1	182.8	—	—	—
February 1994	W	W	21.6	388.3	—	—	—
March 1993	W	W	23.7	204.3	—	—	—
Ohio							
March 1994	27.8	W	1,159.7	899.9	W	W	158.6
February 1994	18.4	W	1,206.8	1,492.7	W	W	158.0
March 1993	16.1	W	953.4	1,027.7	W	W	82.5
Oklahoma							
March 1994	14.2	W	728.8	547.5	—	W	W
February 1994	9.9	W	597.4	772.0	W	—	W
March 1993	14.4	304.9	763.9	718.1	W	W	W
South Dakota							
March 1994	6.6	W	23.3	201.4	—	W	W
February 1994	W	W	26.5	403.3	—	—	—
March 1993	W	W	23.4	163.5	—	W	W
Tennessee							
March 1994	16.0	W	739.4	209.2	W	W	47.7
February 1994	13.9	W	682.9	609.1	W	W	65.0
March 1993	18.3	W	534.5	427.5	W	W	42.7
Wisconsin							
March 1994	12.9	—	187.3	987.9	W	W	115.0
February 1994	9.1	—	189.5	1,546.4	W	W	W
March 1993	10.4	—	155.1	838.8	W	W	104.6
PAD District III							
March 1994	160.2	974.9	11,396.9	11,677.3	1,660.8	4,511.8	6,172.5
February 1994	121.8	831.5	10,557.8	14,021.2	607.8	3,323.1	3,930.9
March 1993	131.6	3,026.6	11,656.0	13,042.3	883.5	5,383.3	6,266.7
Alabama							
March 1994	15.1	W	122.9	491.3	W	W	338.6
February 1994	14.5	W	141.6	821.5	W	W	298.1
March 1993	12.9	W	131.0	744.8	W	W	320.8
Arkansas							
March 1994	9.8	W	46.2	414.2	—	—	—
February 1994	6.8	W	33.9	709.7	—	—	—
March 1993	W	W	43.8	478.3	—	W	W
Louisiana							
March 1994	10.1	W	2,818.3	888.7	W	W	3,543.5
February 1994	6.2	W	2,509.0	880.0	—	1,593.1	1,593.1
March 1993	8.7	915.3	2,126.1	1,236.5	W	W	3,172.0
Mississippi							
March 1994	9.5	123.5	311.7	623.9	W	W	W
February 1994	7.6	115.0	495.6	1,191.0	W	257.3	W
March 1993	W	W	836.4	862.6	—	W	W
New Mexico							
March 1994	10.2	W	286.1	617.4	W	W	W
February 1994	8.6	W	291.3	974.3	W	W	W
March 1993	8.6	W	161.4	707.0	W	—	W
Texas							
March 1994	105.5	97.6	7,811.6	8,641.8	706.1	1,431.7	2,137.8
February 1994	78.1	W	7,086.4	9,444.7	601.2	1,174.3	1,775.5
March 1993	84.8	1,677.5	8,357.3	9,013.2	849.8	1,909.6	2,759.4
PAD District IV							
March 1994	41.6	360.9	1,424.9	1,040.7	W	W	73.4
February 1994	27.4	294.4	1,385.6	1,450.6	68.9	40.1	109.0
March 1993	38.3	W	1,475.0	988.9	59.2	28.7	88.0
Colorado							
March 1994	16.6	W	783.6	360.7	W	—	W
February 1994	13.2	W	811.9	539.0	W	—	W
March 1993	15.5	W	881.4	337.2	—	—	—

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline	Naphtha- Type Jet Fuel	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Less Than or Equal to 1 Percent	Sulfur Greater Than 1 Percent	Total Residual Fuel Oil
Idaho							
March 1994	3.3	W	50.5	83.0	—	W	W
February 1994	W	W	51.8	97.5	—	W	W
March 1993	2.6	—	39.3	81.8	W	—	W
Montana							
March 1994	W	W	57.4	132.6	—	19.2	19.2
February 1994	W	W	61.9	218.0	—	W	W
March 1993	W	W	69.1	164.2	—	W	W
Utah							
March 1994	9.7	171.6	524.8	191.9	W	W	W
February 1994	8.0	166.9	450.2	257.7	W	W	W
March 1993	12.4	171.1	475.3	138.9	W	W	28.9
Wyoming							
March 1994	W	W	8.6	272.4	W	W	W
February 1994	1.0	W	10.0	338.4	W	W	W
March 1993	W	W	10.0	266.9	W	W	56.9
PAD District V							
March 1994	199.3	W	15,683.0	2,485.0	1,235.5	3,448.8	4,684.3
February 1994	159.9	W	14,463.6	2,988.6	2,238.8	3,518.8	5,757.6
March 1993	211.6	1,031.5	13,279.5	2,593.1	1,554.5	5,938.8	7,493.3
Alaska							
March 1994	23.3	W	1,577.8	W	—	—	—
February 1994	22.1	W	1,330.8	W	—	—	—
March 1993	W	W	1,026.6	W	—	W	W
Arizona							
March 1994	18.0	—	802.4	133.7	W	—	W
February 1994	17.1	W	739.4	195.8	W	—	W
March 1993	22.3	W	605.9	153.2	W	—	W
California							
March 1994	102.1	W	9,183.6	1,411.9	398.9	1,819.7	2,218.6
February 1994	87.9	W	8,668.4	1,620.4	1,161.5	1,360.5	2,522.0
March 1993	113.3	977.1	7,831.7	1,535.0	W	W	2,512.6
Hawaii							
March 1994	W	—	974.7	W	W	W	1,147.8
February 1994	W	—	949.5	W	W	W	1,365.8
March 1993	W	—	838.9	W	W	W	1,655.5
Nevada							
March 1994	W	—	620.6	120.5	W	W	W
February 1994	W	—	615.5	164.4	W	—	W
March 1993	6.6	W	546.2	125.4	W	W	W
Oregon							
March 1994	17.4	—	425.6	132.2	—	W	W
February 1994	13.2	—	414.7	137.1	—	W	W
March 1993	14.2	—	396.8	129.4	—	672.7	672.7
Washington							
March 1994	28.4	W	2,098.3	450.1	—	817.5	817.5
February 1994	9.9	W	1,745.3	534.6	—	1,410.8	1,410.8
March 1993	21.2	—	2,033.4	489.3	—	2,256.5	2,256.5

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

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

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

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate					No. 4 Fuel ^a	Total Distillate and Kerosene
			No. 2 Fuel Oil	No. 2 Diesel Fuel			No. 2 Distillate		
				Low-Sulfur	High-Sulfur	Total			
United States									
March 1994	3,426.7	1,908.0	50,863.7	71,161.5	24,344.2	95,505.7	146,369.4	2,295.3	153,999.4
February 1994	6,212.9	4,859.9	62,389.3	65,228.1	22,140.5	87,368.7	149,758.0	3,150.3	163,981.1
March 1993	3,962.5	3,221.1	68,023.7	—	—	74,017.9	142,041.6	2,330.3	151,555.5
PAD District I									
March 1994	2,667.9	285.7	39,409.3	22,289.2	3,846.4	26,135.5	65,544.8	1,937.1	70,435.5
February 1994	4,634.9	469.4	50,998.0	20,522.3	3,976.9	24,499.2	75,497.3	2,835.5	83,437.1
March 1993	3,067.6	675.4	47,117.9	—	—	17,826.6	64,944.5	2,150.5	70,838.0
Subdistrict IA									
March 1994	489.6	22.7	11,398.7	2,182.6	47.8	2,230.5	13,629.1	510.3	14,651.7
February 1994	726.8	35.5	15,134.4	2,033.7	43.7	2,077.4	17,211.8	617.1	18,591.2
March 1993	467.2	110.5	12,640.6	—	—	1,577.3	14,218.0	552.5	15,348.2
Connecticut									
March 1994	64.6	4.6	2,881.5	W	W	522.2	3,403.7	79.4	3,552.3
February 1994	W	12.1	3,623.9	W	W	456.3	4,080.2	W	4,337.4
March 1993	63.7	16.4	3,212.4	—	—	356.6	3,569.0	92.1	3,741.2
Maine									
March 1994	190.9	W	1,371.5	351.5	5.5	357.0	1,728.5	W	1,956.9
February 1994	283.4	W	1,970.5	331.9	5.2	337.1	2,307.5	W	2,636.9
March 1993	219.3	51.0	1,349.9	—	—	199.3	1,549.2	28.9	1,848.5
Massachusetts									
March 1994	W	W	4,772.7	787.3	34.4	821.6	5,594.3	289.2	5,980.9
February 1994	W	W	5,886.7	708.1	31.9	740.1	6,626.8	334.9	7,125.7
March 1993	102.1	11.8	5,086.2	—	—	552.2	5,638.4	309.3	6,061.6
New Hampshire									
March 1994	60.8	1.1	931.7	W	W	289.9	1,221.7	33.2	1,316.9
February 1994	113.7	1.3	1,370.1	312.4	0.8	313.1	1,683.2	40.4	1,838.6
March 1993	51.9	W	1,180.9	—	—	276.7	1,457.6	W	1,555.7
Rhode Island									
March 1994	W	W	1,208.8	W	W	158.0	1,366.9	71.2	1,488.3
February 1994	W	W	1,937.4	W	W	160.0	2,097.4	81.4	2,199.4
March 1993	11.0	15.9	1,515.8	—	—	120.6	1,636.4	76.5	1,739.8
Vermont									
March 1994	30.2	W	232.4	75.3	6.4	81.7	314.1	W	356.4
February 1994	22.3	W	345.8	66.6	4.3	70.9	416.8	W	453.2
March 1993	19.2	W	295.4	—	—	71.9	367.3	W	401.4
Subdistrict IB									
March 1994	1,374.8	223.4	23,364.7	8,066.8	950.2	9,017.0	32,381.6	1,393.9	35,373.7
February 1994	2,379.7	364.6	30,020.5	7,196.8	1,106.8	8,303.5	38,324.0	1,988.9	43,057.2
March 1993	1,365.3	427.5	27,474.8	—	—	4,892.1	32,367.0	1,476.3	35,636.1
Delaware									
March 1994	W	—	575.5	W	W	292.3	867.7	W	890.7
February 1994	W	—	888.2	W	W	276.8	1,165.0	W	1,227.3
March 1993	27.6	W	561.4	—	—	270.8	832.2	W	864.0
District of Columbia									
March 1994	W	W	564.6	W	W	17.1	581.7	W	676.5
February 1994	W	W	277.2	W	W	16.1	293.3	W	480.8
March 1993	0.6	W	358.5	—	—	18.1	376.6	W	422.8
Maryland									
March 1994	128.1	W	1,660.0	826.7	187.1	1,013.8	2,673.8	W	2,852.5
February 1994	217.7	29.7	2,187.7	774.0	271.7	1,045.7	3,233.4	53.2	3,534.0
March 1993	125.8	26.4	2,035.3	—	—	703.9	2,739.2	32.5	2,924.0
New Jersey									
March 1994	256.3	W	7,206.3	2,156.9	216.3	2,373.2	9,579.5	W	10,102.5
February 1994	550.1	58.9	9,985.9	1,822.2	266.9	2,089.1	12,075.0	364.4	13,048.4
March 1993	225.4	88.7	9,194.4	—	—	864.0	10,058.4	261.4	10,633.9
New York									
March 1994	508.3	65.7	8,573.4	1,750.2	95.9	1,846.1	10,419.5	1,056.8	12,050.3
February 1994	812.5	117.6	10,402.2	1,639.1	125.8	1,765.0	12,167.1	1,371.8	14,469.0
March 1993	529.5	141.4	8,995.9	—	—	1,110.1	10,106.0	1,150.5	11,927.5
Pennsylvania									
March 1994	458.5	W	4,784.9	3,041.8	432.7	3,474.5	8,259.4	W	8,801.2
February 1994	736.7	W	6,279.4	2,689.1	421.8	3,110.9	9,390.3	W	10,297.7
March 1993	456.3	W	6,329.3	—	—	1,925.2	8,254.5	W	8,863.9

See footnotes at end of table.

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

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate					No. 4 Fuel ^a	Total Distillate and Kerosene
			No. 2 Fuel Oil	No. 2 Diesel Fuel			No. 2 Distillate		
				Low-Sulfur	High-Sulfur	Total			
Subdistrict IC									
March 1994	803.5	39.6	4,645.9	12,039.8	2,848.4	14,888.1	19,534.1	32.9	20,410.1
February 1994	1,528.4	69.3	5,843.2	11,291.9	2,826.4	14,118.3	19,961.5	229.5	21,788.7
March 1993	1,235.2	137.4	7,002.4	—	—	11,357.2	18,359.6	121.6	19,853.7
Florida									
March 1994	28.0	W	664.5	3,186.3	983.0	4,169.3	4,833.8	W	4,878.1
February 1994	W	W	728.7	3,020.9	935.6	3,956.5	4,685.3	W	4,766.7
March 1993	70.9	22.1	915.0	—	—	3,802.3	4,717.3	17.9	4,828.2
Georgia									
March 1994	36.5	W	575.5	2,987.6	413.8	3,401.5	3,977.0	W	4,014.5
February 1994	82.7	W	586.8	2,816.6	384.3	3,200.9	3,787.7	W	3,876.5
March 1993	88.4	2.5	753.2	—	—	2,467.0	3,220.2	6.1	3,317.2
North Carolina									
March 1994	284.3	W	957.2	2,170.1	545.1	2,715.3	3,672.5	W	3,963.1
February 1994	574.6	W	1,233.8	2,035.4	600.4	2,635.8	3,869.5	W	4,468.8
March 1993	502.2	21.6	1,759.9	—	—	1,925.4	3,685.3	3.3	4,212.4
South Carolina									
March 1994	116.5	W	359.6	1,166.1	182.5	1,348.6	1,708.3	W	1,828.0
February 1994	W	—	536.4	1,056.6	126.8	1,183.3	1,719.8	W	1,974.0
March 1993	193.5	W	703.0	—	—	832.1	1,535.1	W	1,731.5
Virginia									
March 1994	277.0	25.7	1,762.7	2,078.8	522.5	2,601.4	4,364.0	15.4	4,682.1
February 1994	453.7	W	2,385.7	1,979.5	528.6	2,508.1	4,893.8	W	5,575.5
March 1993	327.8	80.6	2,546.9	—	—	1,691.5	4,238.4	91.4	4,738.1
West Virginia									
March 1994	61.2	W	326.4	450.7	201.4	652.1	978.5	W	1,044.2
February 1994	104.0	17.7	371.8	382.8	250.8	633.6	1,005.5	—	1,127.1
March 1993	52.5	W	324.3	—	—	639.0	963.3	W	1,026.4
PAD District II									
March 1994	W	1,012.8	8,369.5	22,949.1	7,011.6	29,960.8	38,330.3	W	40,185.3
February 1994	1,307.5	3,332.4	8,607.9	19,829.8	6,206.6	26,036.4	34,644.3	193.3	39,477.4
March 1993	763.9	W	15,123.8	—	—	20,462.3	35,586.1	W	38,165.5
Illinois									
March 1994	W	157.5	1,307.1	2,155.4	597.7	2,753.2	4,060.3	W	4,316.8
February 1994	W	405.5	1,199.5	1,813.3	554.7	2,367.9	3,567.4	W	4,122.4
March 1993	46.1	W	1,677.8	—	—	2,012.3	3,690.1	W	4,054.8
Indiana									
March 1994	W	63.5	986.0	2,292.5	894.7	3,187.2	4,173.2	W	4,392.5
February 1994	W	285.7	1,134.6	2,015.6	631.9	2,647.5	3,782.1	W	4,262.8
March 1993	69.9	W	1,757.7	—	—	1,996.4	3,754.1	W	4,025.2
Iowa									
March 1994	10.5	52.1	287.8	1,623.7	274.2	1,897.9	2,185.6	—	2,248.3
February 1994	23.4	333.0	164.9	1,131.5	173.0	1,304.5	1,469.4	—	1,825.8
March 1993	9.0	90.9	729.3	—	—	1,093.6	1,822.9	—	1,922.8
Kansas									
March 1994	5.4	34.1	298.8	1,196.9	683.8	1,880.6	2,179.5	—	2,218.9
February 1994	17.9	165.2	235.1	960.7	324.6	1,285.3	1,520.4	—	1,703.5
March 1993	7.6	63.9	865.2	—	—	888.0	1,753.2	—	1,824.7
Kentucky									
March 1994	99.4	W	809.1	1,246.2	795.3	2,041.5	2,850.6	W	2,958.7
February 1994	201.0	W	864.4	1,125.8	657.7	1,783.5	2,647.9	W	2,883.1
March 1993	99.2	W	755.6	—	—	1,783.7	2,539.3	W	2,702.6
Michigan									
March 1994	W	221.1	839.7	1,666.3	301.8	1,968.1	2,807.8	W	3,119.2
February 1994	177.3	346.0	1,121.6	1,470.6	391.9	1,862.6	2,984.1	—	3,507.4
March 1993	96.9	249.3	1,825.5	—	—	1,054.0	2,879.5	—	3,225.7
Minnesota									
March 1994	6.8	151.9	339.5	1,001.0	606.8	1,607.9	1,947.4	—	2,106.2
February 1994	W	527.2	489.5	891.5	585.2	1,476.7	1,966.3	W	2,552.1
March 1993	4.8	W	970.8	—	—	982.7	1,953.5	W	2,184.6
Missouri									
March 1994	10.8	30.4	280.4	2,174.5	251.5	2,426.0	2,706.4	—	2,747.6
February 1994	33.6	104.6	170.5	1,839.4	242.6	2,082.0	2,252.6	—	2,390.8
March 1993	16.1	59.5	645.7	—	—	1,766.0	2,411.7	—	2,487.3

See footnotes at end of table.

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

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate					No. 4 Fuel ^a	Total Distillate and Kerosene	
			No. 2 Fuel Oil	No. 2 Diesel Fuel			No. 2 Distillate			
				Low-Sulfur	High-Sulfur	Total				
Nebraska										
March 1994	W	W	113.0	717.9	475.1	1,193.0	1,306.0	—	1,330.8	
February 1994	1.4	178.9	46.3	529.9	260.5	790.4	836.7	—	1,017.0	
March 1993	W	W	264.4	—	—	766.1	1,030.4	—	1,090.8	
North Dakota										
March 1994	W	W	84.0	309.8	189.9	499.7	583.7	—	601.7	
February 1994	0.8	132.0	71.7	200.8	177.4	378.2	449.9	—	582.7	
March 1993	2.5	33.5	389.9	—	—	316.0	705.9	—	741.9	
Ohio										
March 1994	204.6	W	1,682.1	2,705.9	804.7	3,510.6	5,192.6	W	5,443.7	
February 1994	405.1	W	1,755.6	2,722.3	862.5	3,584.8	5,340.4	W	5,854.0	
March 1993	273.9	W	1,884.5	—	—	2,956.3	4,840.8	W	5,204.0	
Oklahoma										
March 1994	0.5	65.7	204.0	1,521.5	333.0	1,854.5	2,058.5	—	2,124.8	
February 1994	2.5	75.3	137.3	1,468.9	455.1	1,924.0	2,061.3	—	2,139.2	
March 1993	2.0	69.0	760.6	—	—	1,411.0	2,171.6	—	2,242.7	
South Dakota										
March 1994	W	W	59.9	413.4	42.9	466.3	516.2	—	542.7	
February 1994	1.3	167.7	53.0	352.2	17.9	370.0	423.0	—	592.0	
March 1993	W	W	314.8	—	—	282.4	597.3	—	649.7	
Tennessee										
March 1994	77.2	W	425.6	2,492.4	510.0	3,002.3	3,428.0	W	3,513.6	
February 1994	161.3	W	401.5	2,213.3	602.5	2,815.8	3,217.3	W	3,391.2	
March 1993	127.8	W	714.5	—	—	2,380.1	3,094.6	W	3,287.6	
Wisconsin										
March 1994	W	113.6	652.5	1,431.7	250.4	1,682.1	2,334.5	W	2,519.7	
February 1994	W	469.8	762.3	1,094.2	269.0	1,363.1	2,125.5	W	2,653.4	
March 1993	6.7	173.2	1,567.5	—	—	773.7	2,341.1	—	2,521.0	
PAD District III										
March 1994	W	91.7	2,661.6	12,510.1	7,154.8	19,665.0	22,326.6	W	22,509.2	
February 1994	W	149.4	2,378.0	12,472.8	5,987.3	18,460.0	20,838.0	W	21,142.9	
March 1993	94.7	W	4,049.4	—	—	16,128.6	20,178.0	W	20,375.8	
Alabama										
March 1994	W	W	372.8	1,252.9	547.8	1,800.7	2,173.5	—	2,190.6	
February 1994	W	W	336.0	1,224.3	487.8	1,712.0	2,048.1	—	2,091.2	
March 1993	44.6	15.4	428.0	—	—	1,431.1	1,859.1	—	1,919.2	
Arkansas										
March 1994	W	W	136.0	1,377.8	583.4	1,961.3	2,097.2	—	2,103.1	
February 1994	48.4	3.2	90.9	1,443.0	562.3	2,005.3	2,096.3	—	2,147.9	
March 1993	4.6	1.3	W	—	—	W	1,800.0	—	1,805.9	
Louisiana										
March 1994	47.9	—	331.5	1,351.7	2,380.0	3,731.7	4,063.3	—	4,111.2	
February 1994	W	W	405.3	1,224.7	1,771.4	2,996.0	3,401.4	—	3,417.6	
March 1993	W	W	282.6	—	—	3,276.8	3,559.4	—	3,584.8	
Mississippi										
March 1994	W	—	W	1,012.8	814.9	1,827.7	1,944.3	W	1,948.1	
February 1994	13.1	W	W	1,026.4	488.4	1,514.8	1,588.9	W	1,602.3	
March 1993	9.2	W	769.3	—	—	1,229.1	1,998.4	W	2,009.8	
New Mexico										
March 1994	W	19.4	W	769.7	52.4	822.1	824.5	—	844.6	
February 1994	W	46.6	W	789.3	36.6	825.9	828.0	—	879.0	
March 1993	W	W	W	—	—	W	970.0	—	987.9	
Texas										
March 1994	17.5	70.2	1,702.3	6,745.2	2,776.3	9,521.5	11,223.8	—	11,311.6	
February 1994	31.4	98.1	1,469.5	6,765.2	2,640.8	9,405.9	10,875.4	—	11,004.9	
March 1993	20.2	57.1	2,369.2	—	—	7,621.8	9,991.0	—	10,068.3	
PAD District IV										
March 1994	17.9	200.1	100.1	3,340.5	1,025.3	4,365.7	4,465.8	—	4,683.8	
February 1994	66.4	496.2	81.8	2,731.9	913.1	3,645.0	3,726.8	—	4,289.4	
March 1993	3.2	355.4	880.5	—	—	3,257.3	4,137.7	—	4,496.3	
Colorado										
March 1994	5.6	84.1	55.6	968.6	324.3	1,292.9	1,348.5	—	1,438.2	
February 1994	35.3	141.9	42.0	747.0	263.7	1,010.8	1,052.7	—	1,229.9	
March 1993	W	W	437.2	—	—	739.9	1,177.1	—	1,310.6	

See footnotes at end of table.

Table 50. Prime Supplier Sales Volumes of Distillate Fuel Oils and Kerosene by PAD District and State

(Thousand Gallons per Day) — Continued

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate					No. 4 Fuel ^a	Total Distillate and Kerosene	
			No. 2 Fuel Oil	No. 2 Diesel Fuel			No. 2 Distillate			
				Low-Sulfur	High-Sulfur	Total				
Idaho										
March 1994	W	14.2	W	W	W	606.9	614.3	—	629.4	
February 1994	W	53.8	W	295.4	250.1	545.5	553.8	—	612.2	
March 1993	W	W	118.5	—	—	466.9	585.4	—	620.1	
Montana										
March 1994	W	41.2	W	626.6	15.4	642.0	642.1	—	688.4	
February 1994	W	101.2	W	W	W	565.3	565.4	—	684.1	
March 1993	—	51.9	W	—	—	W	638.8	—	690.7	
Utah										
March 1994	W	23.4	W	663.9	236.1	900.0	934.7	—	959.1	
February 1994	W	92.5	W	533.4	219.9	753.3	783.0	—	879.6	
March 1993	W	W	W	—	—	W	895.6	—	957.2	
Wyoming										
March 1994	W	37.2	W	W	W	923.9	926.2	—	968.7	
February 1994	W	106.8	W	W	W	770.2	771.9	—	883.7	
March 1993	W	W	59.4	—	—	781.4	840.7	—	917.7	
PAD District V										
March 1994	56.4	317.6	323.2	10,072.6	5,306.1	15,378.7	15,701.9	109.6	16,185.6	
February 1994	W	412.5	323.6	9,671.4	5,056.7	14,728.0	15,051.6	W	15,634.2	
March 1993	33.0	427.8	852.2	—	—	16,343.1	17,195.3	23.8	17,679.9	
Alaska										
March 1994	—	W	185.2	25.5	362.5	387.9	573.2	W	915.0	
February 1994	—	W	201.5	23.2	233.1	256.3	457.8	W	809.4	
March 1993	—	230.8	145.5	—	—	W	W	W	1,109.5	
Arizona										
March 1994	W	2.1	W	1,091.9	241.6	1,333.5	1,333.7	—	1,345.2	
February 1994	W	W	—	1,230.0	232.6	1,462.7	1,462.7	—	1,475.6	
March 1993	W	W	W	—	—	W	1,165.9	—	1,178.0	
California										
March 1994	33.3	W	W	6,081.1	2,066.2	8,147.3	8,152.5	15.0	8,208.6	
February 1994	W	26.4	—	5,667.5	2,115.2	7,782.7	7,782.7	W	7,838.5	
March 1993	17.0	W	W	—	—	W	8,810.4	W	8,898.3	
Hawaii										
March 1994	—	—	W	135.7	348.1	483.9	493.8	—	493.8	
February 1994	—	—	W	120.6	344.5	465.1	465.4	—	465.4	
March 1993	—	W	W	—	—	500.0	W	—	527.2	
Nevada										
March 1994	—	W	—	581.7	76.6	658.3	658.3	W	664.5	
February 1994	—	W	—	568.2	69.6	637.8	637.8	W	655.6	
March 1993	—	W	W	—	—	W	712.6	W	730.3	
Oregon										
March 1994	W	6.0	W	920.3	648.1	1,568.4	1,613.2	—	1,625.0	
February 1994	W	45.9	W	1,003.2	730.6	1,733.8	1,760.8	—	1,822.0	
March 1993	W	W	162.5	—	—	1,909.0	2,071.4	—	2,119.9	
Washington										
March 1994	W	15.7	77.9	1,236.4	1,563.0	2,799.4	2,877.3	W	2,933.5	
February 1994	W	59.0	94.8	1,058.6	1,331.0	2,389.7	2,484.4	W	2,567.7	
March 1993	W	60.6	483.5	—	—	2,569.0	3,052.5	W	3,116.6	

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

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

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

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

Explanatory Notes

Explanatory Notes

The EIA-782 Survey

company-operated retail outlets, petrochemical, and other end user sales.

Background

The EIA-782 surveys were implemented in 1983 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. The EIA-782 series includes the Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report"; Form EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report"; and Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."

The Form EIA-782A collects refiner and gas plant operator monthly price and volume data at a State level on 14 petroleum products for various retail and wholesale marketing categories. The Form EIA-782B collects reseller/retailer monthly price and volume data at a State level for gasoline, No. 2 distillate, propane, and residual fuel. The Form EIA-782C collects prime supplier monthly volume data on 15 petroleum products. The EIA-782 forms were modified in October 1993 to reflect the changes in refined petroleum products arising out of the requirements of the Clean Air Act Amendments of 1990 (CAAA). The CAAA require that oxygenated gasoline be sold during the winter months in carbon monoxide nonattainment areas beginning October 1, 1992. They require that reformulated gasoline be sold in ozone nonattainment areas beginning January 1, 1995. Beginning October 1, 1993, diesel fuel sold for on-highway use must be low-sulfur diesel fuel (i.e., diesel fuel containing less than or equal to 0.05 percent sulfur). As a result of these environmental regulations, gasoline data collected on the EIA-782 forms were divided into *conventional*, *oxygenated*, and *reformulated* categories. Diesel fuel sales were separated into low- and high-sulfur categories. The wholesale gasoline categories on the EIA-782A and EIA-782B forms were also modified to include *dealer tank wagon*, *rack*, and *bulk* sales. The retail categories for propane on the EIA-782A and EIA-782B were expanded to include *residential*, *commercial/institutional*, *industrial*, *sales through*

Discussion of Sample Design

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

The Form EIA-782B is sent to a scientifically selected sample of motor gasoline resellers, and distillate, propane, 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 is supplemented with information from the Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report." The sales volumes obtained from these surveys are used to create separate stratification schemes that vary by product and State. Dealers selling in more than four States and company/State units comprising 5 percent or more of sales in a 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 50 States and the District of Columbia 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, 50 States and the District of Columbia 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.

Beginning in October 1993, the sample design was modified to include a supplemental sample of propane dealers. The name and address list of propane dealers was constructed by extracting those companies on the EIA-863 who had indicated that they sold propane. This list was supplemented by: (1) respondents on other surveys who reported propane sales, (2) names and addresses of propane dealers furnished by industry associations and State Energy Offices, and (3) commercial lists. Since no information existed to predetermine the sales volumes of propane dealers, two strata for propane dealers were used. A certainty stratum of the known, large, multi-State dealers was created. These companies were identified using establishment lists and industry surveys. All other companies were assigned to the second stratum and sample weights were calculated as the inverse sample was selected. Sample weights were calculated as the inverse of the probability of selection (N/n).

The samples resulting from the separate stratification schemes for the products other than propane were combined by means of a linked-selection procedure designed to maximize the overlap among samples. This procedure produced a sample size of approximately 3,500 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 EIA-782A survey consists of a census of respondents who either directly or indirectly control a refinery or gas plant facility. The EIA-782A form collects sales data on 14 refined petroleum products. Currently, 155 companies respond to the EIA-782A survey.

The EIA-863 data base provided the sampling frame for the EIA-782B survey. The Form EIA-863, "Petroleum Product Sales Identification Survey," was mailed to approximately 22,000 companies in January 1992, in order to collect 1991 State-level sales volume data for No. 2 distillate, residual, and motor gasoline. The No. 2

distillate data were further identified by residential/non-residential 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 71 State and commercial lists.

Data from the 1991 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 EIA-782C survey consists of a census of suppliers who produce, import, or transport any of the 15 refined petroleum products listed on the form across State boundaries and local marketing areas, and who sell the product to local distributors, local retailers, or end users. Currently, 237 firms respond to the EIA-782C survey.

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 is determined by the joint effects of sampling and nonsampling errors.

Measures of Sampling Variability

Tables 15, 18, 31, 35, 39, and 42 utilize a 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 51 to 54 provide the upper bounds of standard errors for sales prices of motor gasoline, propane, No. 2 distillate, 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, reported 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,

$$\hat{V}_t = \sum_R W_i^* V_{i,t} + \sum_{NR} W_j^* V'_{j,t}$$

and similarly

$$\hat{Q}_t = \sum_R W_i^* V_{i,t} P_{i,t} + \sum_{NR} W_j^* V'_{j,t} P'_{j,t}$$

where

$$V'_{j,t} = \frac{\sum W_i^* V_{i,t}}{\sum W_i^* \tilde{V}_{i,t}} \tilde{V}_{j,t}$$

$$P'_{j,t} = \frac{\sum P_{i,t}}{\sum \tilde{P}_{i,t}} \tilde{P}_{j,t}$$

and,

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

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

N = total number of population units,

n = number of sampled units,

$\sum_R$ = summation across current month respondents i ,

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

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

$P_{i,t}$ = current month (t) reported price for company i ,

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

$\hat{Q}_t$ = current month (t) estimated total revenue,

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

$\tilde{P}_{i,t}$ = current month (t) predicted price for company i , respondent,

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

$$\tilde{P}_{i,t} = \alpha P_{i,t-1} + (1 - \alpha)P_{i,t-1}$$

where

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

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

α = constant between 0 and 1, set by form, product, type of sale and price or volume,

and

$$\hat{P}_t = \frac{\hat{Q}_t}{\hat{V}_t},$$

the resulting estimate of price at the published level for 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.

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 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

When the EIA-782 series was implemented in 1983, it replaced prior surveys that had been used to meet the Energy Information Administration's data requirements. The Form EIA-782A replaced the refiner and gas plant operator portions of the Form EIA-460, "Petroleum Industry Monthly Report for Product Prices"; and Form EIA-9A, "No. 2 Distillate Price Monitoring Report"; the Form EIA-782B replaced the nonrefiner portions of the Form EIA-460 and Form EIA-9A; and the Form EIA-782C replaced Form EIA-25, "Prime Supplier's Monthly Report."

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:

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

where t = reference month.

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

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

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,

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

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

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

Collection Methods

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

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

	Motor Gasoline	Diesel Fuel	Gasohol		Motor Gasoline	Diesel Fuel	Gasohol
Federal ²	18.40	24.40	13.00	Mississippi ⁴	18.40	18.40	18.40
Average State Tax . . .	19.51	19.22	19.18	Missouri ⁴	13.10	13.10	13.10
Alabama ⁴	18.00	19.00	18.00	Montana ⁴	24.00	24.75	24.00
Alaska	8.00	8.00	8.00	Nebraska	26.60	26.20	26.60
Arizona	18.00	18.00	18.00	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}	18.70	18.70	18.70	New Jersey	14.50	17.50	14.50
Colorado	27.00	20.50	22.00	New Mexico ⁴	23.00	19.00	23.00
Connecticut ³	30.00	18.00	29.00	New York ^{3,4}	22.89	24.89	22.89
Delaware	22.00	19.00	22.00	North Carolina	22.75	22.75	22.75
District of Columbia ³ . .	20.00	20.00	20.00	North Dakota	18.03	18.03	18.03
Florida ⁴	12.10	12.10	12.10	Ohio	22.00	22.00	22.00
Georgia ^{3,4}	7.70	7.70	7.70	Oklahoma	17.00	14.00	17.00
Hawaii ^{3,4}	16.00	16.00	16.00	Oregon ⁴	24.00	24.00	24.00
Idaho	22.00	22.00	22.00	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	15.80	16.80	15.80	South Carolina ⁴	16.75	16.75	16.75
Iowa ³	20.00	22.50	19.00	South Dakota	20.00	20.00	18.00
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 ³	20.50	20.50	20.50
Minnesota ³	20.00	20.00	20.00	Wisconsin	26.20	26.20	26.20
				Wyoming	9.00	9.00	5.00

¹ This figure lists rates of general application (including, but not limited to, excise taxes, environmental taxes, special taxes, and inspection fees), exclusive of county and local taxes. Rates are also exclusive of any State taxes based on gross or net receipts. The State rates are effective January 1, 1994.

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 percent sales tax; Connecticut: 5 percent gross earnings tax; Georgia: 3 percent sales tax; Hawaii: 4 percent sales tax; Illinois: 6.25 percent sales tax; Indiana: 5 percent sales tax; Iowa: 1 percent environmental protection tax; 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: 2 percent sales tax in areas where mass transit systems exist; West Virginia: Consumer and sales tax of 4.85 cents per gallon.

⁴ Local option taxes (LOTS) are allowed. In Florida, the State assesses a State Comprehensive Enhanced Transportation System (SCETS) tax which is calculated using a percentage of each counties' rates in addition to Ninth-Cent, Local option, and Additional Local option taxes. In Hawaii LOTS are as follows: Honolulu: 16.5 cents per gallon; Maui: 11.0 cents per gallon; Hawaii: 8.8 cents per gallon; Kauai: 10.0 cents per gallon.

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

State Code	State	State Code	State	State Code	State
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

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 that 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 final 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 products 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 products 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 mostly affects 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 volumes on the EIA-782A survey than the EIA-782C survey, 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 products 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).

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 February, 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	.0
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 and 31 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	7689	7735	-0.6	3423	3399	0.7	843	881	-4.5
February	7328	7332	-.1	2965	2960	.2	763	809	-6.0
March	8029	8046	-.2	3123	3095	.9	770	814	-5.7
April	8191	8144	.6	3041	3026	.5	632	685	-8.4
May	8384	8355	.3	2829	2799	1.1	572	604	-5.6
June	8208	8150	.7	2791	2771	.7	610	646	-5.9
July	8499	8458	.5	2830	2798	1.1	626	650	-3.8
August	8277	8241	.4	2818	2790	1.0	588	585	.5
September	8048	8048	.0	3157	3163	-.2	605	601	.7
October	8254	8264	-.1	3141	3141	.0	611	610	.2
November	7730	7828	-1.3	2946	2989	-1.5	620	620	.0
December	8556	8550	.1	3549	3547	.1	676	689	-1.9

Sources: Preliminary data are from Table 47 of the *Petroleum Marketing Monthly*. 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	9635	9593	0.4	4643	4612	0.7	1680	1699	-1.1
February	9205	9183	.2	4056	4019	.9	1524	1511	.9
March	10076	10032	.4	4278	4247	.7	1516	1578	-4.1
April	10076	10111	-.3	4064	4057	.2	1481	1481	.0
May	10346	10360	.1	3730	3723	.2	1288	1288	.0
June	10157	10149	.1	3639	3649	-.3	1318	1318	.0
July	10568	10568	.0	3723	3715	.2	1349	1348	.1
August	10262	10257	.0	3681	3680	.0	1070	1067	.3
September	9830	9830	.0	3903	3896	.2	1157	1145	1.0
October	10361	10353	.1	4201	4195	.1	1257	1247	.8
November	9680	9656	.2	3906	3920	-.4	1234	1238	.0
December	10409	10317	.9	4541	4518	.5	1352	1352	.0

Sources: Preliminary data are from Tables 48, 49, and 50 of the *Petroleum Marketing Monthly*. Final data are from Tables 48, 49, and 50 of the *Petroleum Marketing Annual*, 1992.

The Crude Oil Price Surveys

Background

Form EIA-182: "Domestic Crude Oil First Purchase Report"

Each month, the Form EIA-182 collects 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 for selected crude streams and gravity bands. Prices 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).
- **Average cost.** 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 average costs paid by the sum of the total volumes purchased.

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

The Form EIA-856 collects monthly price and volume data for about 90 percent of all crude oil imported into the United States. It also collects 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 acquired.** The number of 42 U.S. gallon barrels in the cargo.
- **Dates.** The date of loading/acquisition and the expected date 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 1980's, 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 formulas 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 formulas gradually gave way to formulas based on spot crude oil assessments.

The formulas 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 oil.** 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

Form 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.

Form EIA-856:

All companies that were reporting data on the ERA-51, "Transfer Pricing Report," as of June 1982, 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.

Form 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, "Refiners'/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 4 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 cur-

rent 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 Tables 1 of the *Petroleum Marketing Monthly*. 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	16.00	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
Crude Oil		
Refiner Acquisition Cost.....	1	--
Domestic First Purchases.....	1	--
from selected States.....	21	--
by API gravity.....	23	--
for selected crude streams.....	22	--
Imports		
F.O.B. Costs.....	1	--
from selected countries.....	24	--
by API gravity.....	26	--
for selected crude streams.....	29	--
Landed Costs.....	1	--
from selected countries.....	25	--
by API gravity.....	27	--
for selected crude streams.....	30	--
Percentage by Gravity Band.....	28	--
Motor Gasoline		
all sellers.....	31	--
refiners.....	2,4,6,35	3,5,7,43,44
prime suppliers.....	--	48
Conventional		
all sellers.....	32	--
refiners.....	8	9,44
prime suppliers.....	--	48
Oxygenated		
all sellers.....	33	--
refiners.....	10	11,44
prime suppliers.....	--	48
Reformulated		
all sellers.....	34	--
refiners.....	12	13,44
prime suppliers.....	--	48
Aviation Gasoline		
refiners.....	2,4,36	3,5,45
prime suppliers.....	--	49
Kerosene-Type Jet Fuel		
refiners.....	2,4,36	3,5,45
prime suppliers.....	--	49
Naphtha-Type Jet Fuel		
prime suppliers.....	--	49
Propane, Consumer Grade		
all sellers.....	14,38	--
refiners.....	2,4	3,5,45
prime suppliers.....	--	49

Product Guide

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

Glossary

Glossary

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

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

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

ASTM: The American Society for Testing and Materials.

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

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

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

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

Commercial/Institutional: Firms engaged in transportation, wholesale or retail trade, finance, insurance, and real estate. Also included are apartment buildings/complexes and other multifamily dwellings, hotels and office buildings or complexes, local, State, or Fed-

eral facilities or organizations including the military, schools, hospitals, religious institutions, universities, and all other government-supported organizations.

Conventional Gasoline: See Motor Gasoline.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

3. **No. 4 Fuel:** A fuel oil for commercial burner installations not equipped with preheating facilities. It is used extensively in industrial plants. This grade is a blend of distillate fuel oil and residual fuel oil stocks that conforms to ASTM Specification D 396 or Federal Specification VV-F-815C; its kinematic viscosity is between 5.8 and 26.4 centistokes at 100 degrees Fahrenheit. Also included is No. 4-D, a fuel oil for low- and medium-speed diesel engines that conforms to ASTM Specification D 975.

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

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

Gas Plant Operator: Any firm, including a gas plant owner, which operates a gas plant and keeps the gas

plant records. A gas plant is a facility in which natural gas liquids are separated from natural gas, or in which natural gas liquids are fractionated or otherwise separated into natural gas liquid products or both. For the purposes of this publication, gas plant operator data are contained in the refiner categories.

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

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

Kerosene: A petroleum distillate that has a maximum distillation temperature of 401 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are the two grades designated in ASTM D3699: No. 1-K and No. 2-K, and all grades of kerosene called range or stove oil which have properties similar to No. 1 fuel oil, but with a gravity of about 43 degrees API and a maximum endpoint of 625 degrees Fahrenheit. Kerosene is used in space heaters, cook stoves, and water heaters; it is suitable for use as an illuminant when burned in wick lamps.

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

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

Motor Gasoline (Finished): A complex mixture of relatively volatile hydrocarbons, with or without small quantities of additives, blended to form a fuel suitable for use in spark-ignition engines. Specifications for motor gasoline, as given in ASTM Specification D 439-88 or Federal Specification VV-G-1690B, include a boiling range of 122 to 158 degrees Fahrenheit at the 10-percent point to 365 to 374 degrees Fahrenheit at the 90-percent point. "Motor Gasoline" includes conventional gasoline, oxygenated gasoline, and reformulated gasoline. Blendstock (including ethanol and MTBE) are excluded until blending has been completed.

1. **Conventional Gasoline:** Motor gasoline not included in the oxygenated or reformulated gasoline categories.
2. **Oxygenated Gasoline:** (EPA approved) Gasoline formulated for use in motor vehicles that is intended for use in the EPA carbon monoxide (CO) nonattainment program. Excludes reformulated gasoline.
3. **Reformulated Gasoline:** Gasoline formulated for use in motor vehicles, the composition and properties of which are certified as "reformulated gasoline" by the EPA.

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

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

NOTE: For this publication, gasoline sales are reported by grade in accordance with their classification at the time of sale. In general, automotive octane requirements are lower at high altitudes. Therefore, in some areas of the United States, such as the Rocky Mountain States, the octane ratings for the gasoline grades above may be 2 or more octane points lower.

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

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

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

OPEC: Organization of Petroleum Exporting Countries, oil-producing and exporting countries that have organized for the purpose of negotiating with oil companies on matters of oil production, prices, and future

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concession rights. Current members are Algeria, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela. Prior to January 1, 1993, Ecuador was a member of OPEC.

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

Oxygenated Gasoline: See Motor Gasoline.

PAD District: Petroleum Administration for Defense Districts

PAD District I:

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

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

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

PAD District II:

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

PAD District III:

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

PAD District IV:

Colorado, Idaho, Montana, Utah, Wyoming.

PAD District V:

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

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

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

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

Propane, Consumer Grade: A normally gaseous paraffinic compound (C₃H₈), which includes all products covered by Natural Gas Policy Act (NGPA) Specifications for commercial use and HD-5 propane and ASTM Specification D 1835. It is a colorless paraffinic gas that boils at a temperature of -43.67 degrees Fahrenheit. It does not include the propane portion of any natural gas liquids (NGL) mixes; i.e., butane-propane mix.

Rack Sales: Wholesale truckload sales or smaller of gasoline where title transfers at a terminal.

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

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

Reformulated Gasoline: See Motor Gasoline.

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

Reseller/Retailer: A firm (other than a refiner) that carries on the trade or business activities of both a reseller and a retailer; i.e., purchasing refined petroleum products and reselling them to purchasers who may be either ultimate or other than ultimate consumers.

Residential: In cases of sales of No. 2 distillate and propane, includes individual customers or households

(as opposed to businesses or institutions) who ostensibly use the fuel in a residence for space heating, cooking, etc. Sales to apartment buildings/complexes or to other multifamily dwellings are excluded from the "residential Sales" category and are included in the "Commercial/Institutional Sales" category.

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

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

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

Sale: The transfer of title from the seller to a buyer for a price. Excludes intrafirm transfers, products consumed directly by the reporting firm, or sales of bonded fuel. Also excludes products delivered/loaned to exchange partners, except where the amount given up

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

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

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

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

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

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

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

List of Articles

Articles

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

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

A Short-Term Analysis of the Effects of Concentration on Price in the Gasoline Market	April 1985
Petroleum Marketing Monthly Initiates Crude Oil Data Series	February 1985
Estimated Historic Time Series for the EIA-782	December 1983[3]
No. 2 Distillate Price and Sales Reflect a Period of Adjustment to Changing Market Conditions	November 1983
The Consolidation of Petroleum Marketing Surveys	April 1983

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