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Petroleum Marketing Monthly

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Contacts

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

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

For primary program responsibility:

- Charles W. Riner (202) 586-6610

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

- Charles W. Riner (202) 586-6610
- Kenneth Platto (202) 586-6364

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

- Lamar Gowland (202) 586-6608
- Elizabeth Scott (202) 586-1258

For tables referencing the EIA-182:

- Alan Griffith (202) 586-7225

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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

***Demand, Supply, and
Price Outlook for
Reformulated Motor
Gasoline 1995***

Demand, Supply, and Price Outlook for Reformulated Motor Gasoline 1995

by Tancred Lidderdale*

Provisions of the Clean Air Act Amendments of 1990 designed to reduce ground-level ozone will increase the demand for reformulated motor gasoline in a number of U.S. metropolitan areas. Reformulated motor gasoline is expected to constitute about one-third of total motor gasoline demand in 1995, and refiners will have to change plant operations and modify equipment in order to meet the higher demand. The costs incurred are expected to create a wholesale price premium for reformulated motor gasoline of up to 4.0 cents per gallon over the price of conventional motor gasoline. This article discusses the effects of the new regulations on the motor gasoline market and the refining industry.

The reformulated motor gasoline provisions of the Clean Air Act Amendments of 1990 (CAAA90) require reductions in automobile emissions of ozone-forming volatile organic compounds (VOC) during the summer high-ozone season and of toxic air pollutants (TAP) during the entire year in certain areas of the United States.¹ The new regulations, which go into effect December 1, 1994, mandate the sale of reformulated motor gasoline in the nine largest metropolitan areas with the highest summer ozone levels and other ozone nonattainment areas that opt in to the program. (Some nonattainment areas with less severe ozone problems will pursue other measures to achieve the required ozone reductions; therefore, there will be no need to sell reformulated motor gasoline in those areas.) The regulations also prohibit motor gasoline sold in the rest of the country from becoming more polluting than it was in 1990. That provision is intended to ensure that refiners do not use ingredients in conventional motor gasoline that can no longer be used in reformulated motor gasoline.

*The author is a refining industry analyst in the Energy Information Administration's Office of Energy Markets and End Use. Comments regarding this article may be addressed to Mr. Lidderdale on 202-586-7321.

¹Public Law 101-549, section 211(k), "Clean Air Act Amendments of 1990" (enacted November 15, 1990). Final rule published in *Federal Register*, Vol. 59, No. 32 (February 16, 1994), p. 7716. VOC exclude methane and ethane. TAP are defined as emissions of benzene, 1,3-butadiene, polycyclic organic matter, formaldehyde, and acetaldehyde in *Federal Register*, Vol. 59, No. 32 (February 16, 1994), p. 7722.

This article both analyzes the new regulations' impact on the motor gasoline market and evaluates the constraints and costs faced by the petroleum refining industry in complying with the new regulations. The forecasts in this article are based on forecasts in the *Short-Term Energy Outlook*,² which is published quarterly by the Energy Information Administration. The supply, demand, and price forecasts in this article do not include provisions for a required minimum use of renewable oxygenates, which had been proposed but not yet promulgated by the Environmental Protection Agency (EPA) at the time this article was prepared.³

Demand for reformulated motor gasoline is expected to represent almost 35 percent of total motor gasoline demand in 1995. Demand projections for reformulated motor gasoline are based on the 1990 populations of the participating ozone nonattainment areas and projected per capita motor gasoline demand in each area. Corrections are made for spillover of reformulated motor gasoline to areas that will not legally require it, changes in automobile fuel efficiency, and price elasticity of demand.

Refineries will have to change operating procedures, make plant modifications, and obtain new process equipment in order to meet the new oxygenate, vapor-pressure, and benzene specifications and the emissions reduction requirements for reformulated motor gasoline. However, significant disruptions to motor gasoline supply arising from the reformulated motor gasoline regulations are not anticipated.

The minimum oxygenate requirement for reformulated motor gasoline will increase demand for the oxygenates ethanol, methyl tertiary butyl ether (MTBE), ethyl tertiary butyl ether (ETBE), and tertiary amyl methyl ether (TAME) (see Glossary box on page 6). Aggregate demand is expected to increase from the 1993 average of 319.1 thousand barrels per day of MTBE-equivalent volume to an average of 480 thousand barrels per day of MTBE-equivalent volume in

²Energy Information Administration, *Short-Term Energy Outlook*, Second Quarter 1994, DOE/EIA-0202(94/2Q) (Washington, DC, May 1994).

³*Federal Register*, Vol. 58, No. 246 (December 27, 1993), p. 68343. Final rule was announced by the EPA on June 30, 1994.

1995. New oxygenate domestic production capacity and imports should be adequate to satisfy this demand surge.

Refiners will incur higher operating and capital costs in producing reformulated motor gasoline. The costs of oxygenate blending, lower motor gasoline vapor pressure, and reduced benzene and aromatics concentrations are expected to yield a reformulated motor gasoline wholesale price premium of 3.5 to 4.0 cents per gallon above the price of conventional unleaded motor gasoline. The retail price premium may be greater due to testing and compliance costs and to the costs of handling and transporting the additional grades of motor gasoline, which must be segregated in the distribution system. In addition, the wider use of oxygenates, which have a lower energy content than the motor gasoline components they displace, will raise consumers' effective final costs by imposing fuel economy penalties.

Program Requirements

Minimums. As of January 1, 1995, all reformulated motor gasoline at retail outlets⁴ must:

- Contain at least 2.0 percent oxygen by weight (equivalent to 11.2 percent MTBE, or 5.5 percent ethanol, by volume)
- Contain 1.0 percent or less benzene by volume
- Contain no heavy metals, including lead or manganese
- Produce no greater emissions of nitrogen oxides (NO_x) during combustion than a specified baseline motor gasoline, as demonstrated by tests in 1990 model-year automobiles.

Emission reduction targets. In addition, reformulated motor gasoline must meet new VOC and TAP emissions reduction targets, which will be implemented in two phases. (California is imposing its own requirements; see below.) The Phase I regulations, effective from 1995 to 1999, require a reduction of at least 15 percent in VOC and TAP emissions compared with those from 1990 model-year automobiles burning a specified baseline motor gasoline. The VOC emissions reduction is required only during the summer high-ozone season (June 1 to September 15). The TAP emissions reduction requirement applies year-round. (The Phase II emission performance standards will take effect in 2000 and will require additional reductions in VOC, TAP, and NO_x emissions. They are not discussed in this article.)

Phase I will be implemented in two stages. The first stage uses a "simple" certification model to determine whether reformulated motor gasoline meets the VOC and TAP reduction standards. That model relates motor gasoline composition to VOC and TAP emissions and considers only the effects of motor gasoline oxygen content, Reid vapor pressure (RVP), benzene, and aromatics content. Reformulated motor gasoline satisfying the minimum specifications mentioned earlier and the following additional composition

requirements will meet the Phase I simple-model NO_x, VOC, and TAP emissions performance standards.

- Oxygen content is limited to no more than 2.7 percent by weight during the summer high-ozone season and 3.5 percent by weight at other times. States can elect to apply the 2.7-percent limit during the winter if the use of higher oxygenate levels is found to cause other air quality problems.
- Reid Vapor Pressure is limited to no more than 7.2 pounds per square inch (psi) in southern areas (EPA VOC Control Region 1) and 8.1 psi in northern areas (EPA VOC Control Region 2) during the high-ozone season of June 1 through September 15. RVP controls also apply May 1 through May 31 for facilities upstream of retail outlets, such as refineries, pipelines, and terminals.
- Aromatics content is determined by the emissions model for the required TAP reductions.
- Each refiner's annual average levels of sulfur and olefins and the temperature at which 90 percent of the fuel vaporizes (T₉₀) must not exceed their 1990 averages.

In the second stage, a "complex model" will supplant the simple model on January 1, 1998. The complex model expands the number of variables that refiners can control to produce qualifying reformulated motor gasoline, including sulfur, olefins, and distillation range. This additional flexibility is expected to provide a more cost-effective method for complying with the emissions reduction requirements. Refiners may also use the complex model during the first stage to show that their fuels meet the emissions standards. However, because it would require segregation of the affected blends in the motor gasoline distribution system and at retail outlets, this option is expected to be used by very few refineries.

California has established its own statewide motor gasoline composition standards that take effect on March 1, 1996. The California Air Resources Board (CARB) regulations are more stringent than those of the Federal Phase I reformulated motor gasoline program. The CARB specifications, to which every gallon of motor gasoline sold in California must conform, are as follows:⁵ aromatics content, 25 percent by volume maximum; olefin content, 6 percent by volume maximum; Reid vapor pressure, 7.0 psi summer maximum; sulfur content, 40 parts per million maximum; oxygen content, 1.8 to 2.2 percent by weight; T₅₀ (the temperature at which 50 percent of the fuel vaporizes), 210 °F maximum; and T₉₀, 300 °F maximum.

From January 1, 1995, to March 1, 1996, the Federal standards will apply to those California ozone nonattainment areas that are required by the CAAA90 to participate in the reformulated motor gasoline program.

Antidumping provision. CAAA90 includes a regulation requiring that each refiner's or importer's conventional motor gasoline shall not produce any more exhaust benzene

⁴ Reformulated motor gasoline requirements apply at facilities upstream of retail outlets, such as refineries, pipelines, and terminals, beginning on December 1, 1994.

⁵ *Federal Register*, Vol. 58, No. 37 (February 26, 1993), pp. 11745-50.

emissions than those produced on average by each firm's motor gasoline in 1990. Sulfur, olefins, and T_{90} are capped at 125 percent of each firm's 1990 average. This provision is intended to prevent refiners from using the benzene extracted from the reformulated motor gasoline pool in their conventional motor gasoline. Importers lacking 1990 motor gasoline quality data with which to establish an individual baseline will be required to meet baseline motor gasoline specifications established by the CAAA90 and EPA.

Averaging and credit trading provisions. Refiners and importers will have the option of meeting the requirements for oxygen and benzene content and VOC and TAP emissions reductions on the basis of an average of all motor gasoline output over time rather than on a per-gallon basis. However, the averaging program will require that all refined or imported reformulated motor gasoline that does not meet the standards on a per-gallon basis must meet more stringent standards over an averaging period. For example, the RVP specification is lowered by 0.1 psi and the oxygen requirement is raised by 0.1 percent for refiners who wish to take advantage of averaging. Credits for oxygen and benzene content (but not VOC or TAP) may be purchased from other parties to meet the standards for these parameters.

Reformulated Motor Gasoline Demand

Projections of reformulated motor gasoline demand generally begin with estimates of baseline demand for motor gasoline in areas where CAAA90 mandates the sale of reformulated motor gasoline and other areas that opt in to the reformulated motor gasoline program. Baseline demand estimates are based on 1990 population counts and projected per capita motor gasoline demand and are adjusted for factors that may alter demand, including spillover (delivery of reformulated motor gasoline to areas that do not require it under the regulations), changes in automobile fuel efficiency with reformulated motor gasoline, and price elasticity of demand.

The baseline demand for reformulated motor gasoline (primarily from the nonattainment areas in the Northeast, the Midwest, Texas, and California, which contain about 35 percent of the U.S. population) represents 32.5 percent of total U.S. motor gasoline demand. The net effect of spillover, changes in fuel efficiency, and demand responses to price are projected to increase the total reformulated motor gasoline market share to about 34.4 percent of total motor gasoline demand (Table 1). This projection is consistent with the results from the 1992 National Petroleum Council survey of refineries. The survey's 121 respondents (representing about 86 percent of U.S. crude oil atmospheric distillation capacity) expect

Table 1. Population, 1990, and Reformulated Motor Gasoline Demand Shares by Petroleum Administration for Defense (PAD) Sub-District, 1995

PAD Sub-District	Population in Reformulated Motor Gasoline Marketing Areas (percent of total)			Motor Gasoline Demand 1995 (thousand barrels per day)	
	Mandated Areas	Opt-In Areas	Total	Total	Reformulated
IA — New England.....	15.5	74.8	90.3	373	337
IB — Central Atlantic.....	58.5	26.9	85.3	1,083	924
IC — Lower Atlantic	0.0	9.8	9.8	1,262	123
II — Midwest.....	13.6	1.4	15.0	2,254	338
III — Gulf Coast.....	11.8	11.2	23.0	1,079	248
IV — Rocky Mountain	0.0	0.0	0.0	241	0
V — West Coast (ex CA)	0.0	0.0	0.0	460	0
V — California (only).....	57.2	0.0	57.2	902	516
U.S. Average and Total	23.3	12.0	35.3	7,654	2,486
Spillover to Non-Required Areas (5 percent) ^a	—	—	—	—	126
Reduced Automobile Fuel Efficiency (1.6 percent) ^b ..	—	—	—	42	42
Price Elasticity of Demand (0.6 percent) ^c	—	—	—	(16)	(16)
Total Motor Gasoline Demand	—	—	—	7,680	2,638
					(34.4 percent)^d

^a The Energy Information Administration (EIA) assumes spillover to be 5 percent of the total of reformulated motor gasoline demand and reduced automobile fuel efficiency values minus 5 percent of price elasticity of demand.

^b EIA estimates reduced automobile fuel efficiency to be 1.6 percent of the total of reformulated motor gasoline demand and spillover.

^c EIA estimates price elasticity of demand to be 0.6 percent of the total of reformulated motor gasoline demand and spillover.

^d Percentage share calculated by using unrounded data.

— = Not applicable.

Sources: Federal Highway Administration, *Highway Statistics 1992*, FHWA-93-023 (Washington, DC, 1993), p. 10. Energy Information Administration, *Short-Term Energy Outlook*, Second Quarter 1994, DOE/EIA-0202 (94/2Q) (Washington, DC, May 1994), p. 28.

to produce 7,291 barrels per day of motor gasoline in 1995, of which 36.2 percent is expected to be reformulated.⁶

The sale of reformulated motor gasoline is required in the nine largest metropolitan areas that have the most severe summertime ozone pollution problems (as determined by degree of noncompliance with ozone air quality standards from 1987 through 1989). Those nine ozone nonattainment areas contain over 23 percent of the total U.S. population (Table 2).

The sale of reformulated motor gasoline is also required in 35 additional nonattainment cities, counties, or entire States that have opted in to the reformulated motor gasoline program. The reformulated motor gasoline requirements will apply to those areas on January 1, 1995, or 1 year after an application is received by EPA, whichever is later. As noted above, EPA may delay a State's petition to opt in to the program for up to 3 years if the domestic capacity to produce reformulated motor gasoline is determined to be insufficient. EPA has published opt-in applications from 13 States and the District of Columbia,⁷ areas which collectively contain about 12 percent of the total U.S. population (Table 3).

Further, another 51 cities or counties (excluding California) are ozone nonattainment areas and are eligible to opt in to the reformulated motor gasoline program (Table 4).

⁶National Petroleum Council, *U.S. Petroleum Refining*, Volume VI (Washington, DC, August 1993), pp. N238-N240. Response to the NPC survey was as high as 154 of 197 refineries, a total which represented almost 95 percent of 1990 U.S. refinery inputs. Not all respondents answered all survey items.

⁷*Federal Register*, Vol. 59, No. 32 (February 16, 1994), pp. 7807-7808 and 7851-7852.

Table 2. Population of Reformulated Motor Gasoline Program Mandated Areas, 1990

City	EPA VOC Control Region	PAD Sub-District	Population (thousands)
Hartford, CT	2	IA	1,086
New York, NY-NJ-CT	2	IA, IB	18,087
Philadelphia, PA-NJ-DE-MD	2	IB	6,010
Baltimore, MD	1	IB	2,382
Chicago, IL-IN-WI	2	II	8,066
Milwaukee-Racine, WI	2	II	1,607
Houston-Galveston-Brazoria, TX	1	III	3,731
Los Angeles-Anaheim-Riverside, CA	1	V	14,532
San Diego, CA	1	V	2,498
Total Population, Ozone Nonattainment Mandated Areas			57,999
Total U.S. Population, 1990 Census			248,710

Sources: *Federal Register*, Vol. 59, No. 32 (February 16, 1994) pp.7808, 7851. National Petroleum Council, *U.S. Petroleum Refining*, Vol. IV Part 1 (Washington, DC, August 1993), pp. L.III.5-8-L.III.5-30. U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States 1992* (112th Edition) (Washington, DC, 1992), pp. 20, 30-32.

However, rather than do so, some States are considering alternatives for reducing local ozone levels. One leading option is to apply only the low-RVP requirement of the reformulated motor gasoline program.⁸ Because of the required 1-year delay between application to opt in to the reformulated motor gasoline program and actual participation, those potential opt-in areas are not included in 1995 reformulated motor gasoline demand projections.

Spillover is also expected to contribute to demand for reformulated motor gasoline. Spillover occurs because the geographic definitions of reformulated motor gasoline marketing areas do not coincide with normal distribution patterns; many pipelines and terminals serve areas that require reformulated motor gasoline and those that do not. The expected price differential between reformulated and conventional motor gasoline should provide a strong incentive for refiners and marketers to minimize spillover. Experience gained from the oxygenated motor gasoline program during the winter of 1992-1993 indicates that spillover rates as low as 2.0 percent are possible.⁹ EIA assumes a reformulated motor

⁸Hart Publications, Inc., "As SIP Deadline Nears, States Consider Various Options," *Oxy-Fuel News* (November 8, 1993), pp. 8-11.

⁹Charles Dale, "The Economics of the Clean Air Act Amendments of 1990: Review of the 1992-1993 Oxygenated Motor Gasoline Season," Energy Information Administration, *Petroleum Supply Monthly*, DOE/EIA-0109(93/07) (Washington, DC, July 1993), p. xvi.

Table 3. Population of Reformulated Motor Gasoline Program Opt-In Areas, 1990

State	EPA VOC Control Region	PAD Sub-District	Opt-In Population (thousands)
Connecticut	2	IA	1,240
Maine	2	IA	809
Massachusetts	2	IA	6,016
New Hampshire	2	IA	806
Rhode Island	2	IA	1,003
Delaware	2	IB	113
District of Columbia	1	IB	607
Maryland	1	IB	1,807
New Jersey	2	IB	411
New York	2	IB	2,471
Pennsylvania	2	IB	6,331
Virginia	1	IC	3,663
Kentucky	2	II	1,029
Texas	1	III	3,560
Total Population, Ozone Nonattainment Opt-In Areas			29,868

Note: Totals may not equal sum of components due to independent rounding.

Sources: *Federal Register*, Vol. 59, No. 32 (February 16, 1994) pp.7807-7808, 7851. National Petroleum Council, *U.S. Petroleum Refining*, Vol. IV Part 1 (Washington, DC, August 1993), pp. L.III.5-8-L.III.5-30. U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States 1992* (112th Edition) (Washington, DC, 1992), pp. 20, 30-32.

gasoline spillover rate of 5.0 percent of baseline demand (126 thousand barrels per day).¹⁰

With the switch to reformulated motor gasoline, automobile fuel efficiency is expected to decline slightly (and thus affect demand) because the energy (Btu) content of oxygenates is lower than that of the conventional motor gasoline or octane blendstocks (e.g., aromatics) that the oxygenates will displace. This loss will be offset partially by the lower summer RVP requirement, which will reduce both evaporative emissions and the volume of butane, which is low in energy content, in motor gasoline.

Reformulated motor gasoline with MTBE as the oxygenate has a Btu value that is 1.7 percent lower than conventional motor gasoline, while motor gasoline oxygenated with ethanol has a Btu content that is about 1.3 percent lower than conventional motor gasoline.¹¹ EIA assumes a reduction in fuel efficiency of 1.6 percent due to the use of oxygenates, an assumption which is consistent with EPA's estimate of a 2-percent reduction that will be offset by a 0.3-percent increase from lower RVP values.¹²

Finally, because motor gasoline demand is relatively inelastic with respect to price, the demand for reformulated motor gasoline is projected to be affected only modestly by its price premium. EIA estimates the short-term price elasticity of motor gasoline demand to be about -0.11, so that a 5.0-percent increase in the price of motor gasoline will lead to a 0.6-percent reduction in motor gasoline demand.¹³ Assuming an average demand in 1995 for reformulated motor gasoline of 2.6 million barrels per day, a 5.0-percent increase in motor gasoline price in reformulated motor gasoline market areas will reduce demand by only about 16 thousand barrels per day.

Reformulated Motor Gasoline Supply

Although production of reformulated motor gasoline will require significant changes to refinery operations and capital investment of up to \$4 billion,¹⁴ there is little reason to believe that the domestic industry will be unable to meet demand in 1995. As of December 1993 (the latest official published statement), EPA had not received any petitions

¹⁰ Respondents to the 1992 NPC refinery survey anticipate a spillover rate of under 5 percent; see National Petroleum Council, *U.S. Petroleum Refining*, Volume VI (Washington, DC, August 1993), p. N261. EPA assumed a 10-percent spillover rate in its regulatory impact analysis; see Environmental Protection Agency, *Final Regulatory Impact Analysis for Reformulated Gasoline* (Washington, DC, December 13, 1993), p. 334.

¹¹ EIA calculations based on blending component heating values reported by American Petroleum Institute, *Alcohols and Ethers: A Technical Assessment of Their Applications as Fuel and Fuel Components*, Publication 4261, Second Edition (Washington, DC, July 1988), p. 2.

¹² Environmental Protection Agency, *Final Regulatory Impact Analysis for Reformulated Gasoline* (December 13, 1993), pp. 346-347.

¹³ EIA calculates the price elasticity of motor gasoline demand by dividing the percentage difference in motor gasoline demand from the *Short-Term Energy Outlook's* low oil price and high oil price cases by the percentage difference in motor gasoline prices in those two price cases. The elasticity based on the *Short-Term Energy Outlook*, Second Quarter 1994, is 11.0 percent for 1995 average motor gasoline demand.

¹⁴ Respondents to the NPC survey estimated that capital expenditures directly related to reformulated motor gasoline would total \$3,979 million. National Petroleum Council, *U.S. Petroleum Refining*, Volume VI (Washington, DC, August 1993), p. N255.

from outside parties to delay implementation of the reformulated motor gasoline program and believed that there would be more than sufficient supply, given the current level of opt-ins.¹⁵

Domestic refiners must change operations to produce reformulated motor gasoline with reduced benzene and aromatics content, lower RVP specifications, and added oxygenates. (Foreign refiners face different requirements and have different options; see below.)

Domestic refiners have several options for reducing the benzene and aromatics content. The most commonly pursued options focus on the two largest sources of benzene and aromatics in a refinery, which are the fluid catalytic cracker (FCC) and the reformer. FCC motor gasoline contains about 29 percent aromatics by volume and makes up about 41 percent of the total motor gasoline pool. Reformer product (reformate) contains about 66 percent aromatics and makes up about 27 percent of the total motor gasoline pool.¹⁶

FCC's and reformers are operated to produce high-octane blendstocks for the motor gasoline pool. Changing operating

¹⁵ Environmental Protection Agency, *Final Regulatory Impact Analysis for Reformulated Gasoline* (Washington, DC, December 13, 1993), p. 479. Testimony of Susan F. Tierney, Assistant Secretary for Policy, Planning, and Program Evaluation, U.S. Department of Energy, before the Committee on Energy and Commerce, Subcommittee on Oversight and Investigations, U.S. House of Representatives, June 22, 1994.

¹⁶ National Petroleum Council, *U.S. Petroleum Refining*, Volume VI (Washington, DC, August 1993), pp. N242-N244. Numbers have been corrected for normal butane and oxygenate blending.

Table 4. Population of Potential Reformulated Motor Gasoline Program Opt-In Areas by Petroleum Administration for Defense (PAD) Sub-District, 1990

PAD Sub-District	Potential Opt-In Area Population (thousands)	Population (percent of total)
IA — New England	0	0.0
IB — Central Atlantic	0	0.0
IC — Lower Atlantic	12,385	33.0
II — Midwest	24,325	34.1
III — Gulf Coast	2,734	8.6
IV — Rocky Mountain	1,072	14.7
V — West Coast (ex CA)	6,414	45.0
V — California (only)	0	0.0
U.S. Total or Average	46,929	18.9

Notes: • California has established its own motor gasoline composition standards that take effect statewide in 1996. Thus, PADD V California nonattainment cities are not expected to opt-in to the federal reformulated gasoline program and are not included in this table. • Ozone attainment areas that are within an ozone transport region may also opt-in to the program. However, those areas are not included in this table. • Totals may not equal sum of components due to independent rounding.

Sources: *Federal Register*, Vol. 59, No. 32 (February 16, 1994) p.7808, 7851; National Petroleum Council, *U.S. Petroleum Refining*, Vol. IV Part 1 (Washington, DC, August 1993), pp. L.III.5-8-L.III.5-30. U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States 1992* (112th Edition) (Washington, DC, 1992), pp. 20, 30-32. *Federal Register*, Vol. 56, No. 21 (November 6, 1991), pp. 56694-56858.

Glossary

Alcohol: The family name of a group of organic chemical compounds composed of carbon, hydrogen, and oxygen. The series of molecules vary in chain length and are composed of a hydrocarbon, plus a hydroxyl group; $\text{CH}_3-(\text{CH}_2)_n-\text{OH}$ (e.g., methanol, ethanol, and tertiary butyl alcohol).

Aromatics: Hydrocarbons characterized by unsaturated ring structures of carbon atoms. Commercial petroleum aromatics are benzene, toluene, and xylene.

Catalytic Reforming: A refining process using controlled heat and pressure with catalysts to rearrange certain hydrocarbon molecules, thereby converting paraffinic- and naphthenic-type hydrocarbons (e.g., low-octane motor gasoline boiling range fractions) into petrochemical feedstocks and higher octane stocks suitable for blending into finished motor gasoline.

ETBE (Ethyl Tertiary Butyl Ether), $(\text{CH}_3)_3\text{COC}_2\text{H}_5$: An oxygenate blendstock formed by the catalytic etherification of isobutylene with ethanol.

Ether: A generic term applied to a group of organic compounds composed of carbon, hydrogen, and oxygen, characterized by an oxygen atom attached to two carbon atoms (e.g., methyl tertiary butyl ether).

Fluid Catalytic Cracking: The refining process of breaking down the larger, heavier, and more complex hydrocarbon molecules into simpler and lighter molecules. Catalytic cracking is accomplished by the use of a catalytic agent and is an effective process for increasing the yield of motor gasoline from crude oil.

Isobutylene, C_4H_8 : An olefinic compound recovered from refinery processes or petrochemical processes.

TAME (Tertiary Amyl Methyl Ether), $(\text{CH}_3)_2(\text{C}_2\text{H}_5)\text{COCH}_3$: An oxygenate blendstock formed by the catalytic etherification of isoamylene with methanol.

conditions (e.g., temperature, pressure, reactor space velocity, catalyst type, etc.) can lower benzene and aromatics production. Based on the 1992 NPC survey data, EIA estimates that about 300 thousand barrels per day of high-pressure catalytic reforming capacity will be converted to low-pressure or continuous-catalyst regeneration units.¹⁷

Changing the operating conditions of existing equipment, however, will not be enough to satisfy the new motor gasoline quality targets at many refineries; consequently, those refineries are implementing other capital-intensive options to meet the benzene and aromatics restrictions. The options include the use of feed or product distillation to remove benzene and aromatics for subsequent processing.¹⁸ Respondents to the 1992 NPC survey reported plans to install, by 1995, an additional 1.2 million barrels per day of

¹⁷National Petroleum Council, *U.S. Petroleum Refining*, Volume I (Washington, DC, August 1993), p. N236.

¹⁸A. Goelzer and others, "Refiners Have Several Options for Reducing Gasoline Benzene," *Oil and Gas Journal* (September 13, 1993), pp. 63-69.

secondary motor gasoline fractionation capacity, 142 thousand barrels per day of pentane/hexane isomerization capacity, 33 thousand barrels per day of light naphtha/motor gasoline aromatics saturation capacity, and 24 thousand barrels per day of additional aromatics extraction capacity.¹⁹

The new summer RVP regulations continue reductions that began in 1989 with a two-phase RVP reduction program promulgated by the EPA.²⁰ The reformulated motor gasoline regulations require RVP reductions during the summer months from 9.0 to 8.1 psi in the northern United States (EPA VOC Control Region 2) and from 7.8 to 7.2 psi in the southern United States (EPA VOC Control Region 1).

Controlling the vapor pressure of ordinary motor gasoline is relatively straightforward. The primary methods for lowering RVP are to reduce the volume of normal butane (a liquefied petroleum gas) that is blended into motor gasoline or to increase the volume of normal butane that is rejected from motor gasoline through distillation. About 2 gallons of normal butane have to be removed from 100 gallons of motor gasoline to reduce motor gasoline RVP by 1.0 psi.²¹ Butane removed from the motor gasoline pool can be inventoried for winter motor gasoline blending, converted to isobutane and then to isobutylene for MTBE production, or sold in the petrochemicals market.

RVP reduction in reformulated motor gasoline is more difficult because blending with ethanol or MTBE raises the RVP.²² In addition to reducing normal butane volume, RVP reductions may be obtained by removing C_4 and C_5 olefins (e.g., butylenes and amylenes) from the motor gasoline pool. Alkylation is a primary means of converting light olefins to heavier motor gasoline blendstocks. NPC survey respondents reported plans for an additional 79 thousand barrels per day of alkylation capacity.²³ Isobutylene and isoamylene may also be converted to MTBE/ETBE and TAME, respectively.

Motor gasoline imports averaged 197 thousand barrels per day in 1993, with Brazil, Canada, Saudi Arabia, and Venezuela providing over 71 percent of the total.²⁴ Over 90 percent of U.S. motor gasoline imports were distributed in PAD District I, the East Coast, which also will be the largest market for reformulated motor gasoline.

Imported reformulated motor gasoline presents a unique problem because offshore refiners could realize a cost advantage

¹⁹National Petroleum Council, *U.S. Petroleum Refining*, Volume VI (Washington, DC, August 1993), pp. N210-N231.

²⁰Phase I motor gasoline volatility regulations were announced by Environmental Protection Agency in *Federal Register*, Vol. 54, No. 54 (March 22, 1989) pp. 11868-11869. Phase II volatility regulations were announced in *Federal Register*, Vol. 55, No. 112 (June 11, 1990), pp. 23658-23659.

²¹EIA calculation based on lowering the RVP of finished motor gasoline from 9.0 psi to 8.0 psi by removing normal butane with an RVP of between 55 psi and 60 psi.

²²U.S. Department of Energy, Oak Ridge National Laboratory, *Transportation Energy Data Book: Edition 11*, ORNL-6649 (Oak Ridge, TN, January 1991), p. 4-4.

²³National Petroleum Council, *U.S. Petroleum Refining*, Volume VI (Washington, DC, August 1993), p. N226.

²⁴Energy Information Administration, *Petroleum Supply Monthly*, DOE/EIA-0109(94/02) (Washington, DC, February 1994), p. 82. Import figures are adjusted to exclude the Virgin Islands.

by dumping benzene and aromatics extracted from reformulated motor gasoline into conventional motor gasoline sold in their own markets and the EPA would be unable to enforce the antidumping regulations. (A cost advantage may arise because foreign refiners may not need to install the same aromatic extraction and conversion capacity that domestic refiners will find necessary.) Under the simple model, the cost advantage is limited to benzene and aromatics and is likely to be small. The cost advantage under the complex model could be larger because of the ability to trade reformulated motor gasoline characteristics, such as aromatics for oxygen content.

Both domestic refiners and importers must establish individual 1990 antidumping baselines for conventional motor gasoline (and levels for sulfur, olefins, and T_{90} in reformulated motor gasoline under the simple model) if the necessary 1990 motor gasoline quality data are available. If not, domestic refiners must use the next best available data from production after 1990. Importers, however, are not allowed to revert to more recent data. If 1990 motor gasoline quality data are not available, importers (and blenders) must use the CAAA90 statutory baseline motor gasoline, which approximates the U.S. national average quality for motor gasoline sold in 1990. However, if an importer brought 75 percent or more of the 1990 motor gasoline production from one refinery into the United States, it must establish an individual baseline as if it were a domestic refinery.

Oxygenate Supply and Demand

EIA projects that demand for oxygenates (ethanol, MTBE, ETBE, and TAME) will increase from an average 319 thousand barrels per day of MTBE-equivalent volume in 1993 to an average 480 thousand barrels per day MTBE-equivalent volume in 1995.²⁵ (The 1995 demand projections represent the sum of oxygenate demand in the oxygenated and reformulated motor gasoline markets, gasohol blending, and octane blending.) The increase in oxygenate demand for reformulated motor gasoline will be partially offset by expected declines in ethanol blended into gasohol and MTBE blended into conventional motor gasoline. Oxygenate supply in 1995 will come primarily from MTBE and fuel ethanol domestic production and will be supplemented by small volumes of TAME and ETBE production, MTBE imports, and MTBE inventory drawdown.

Total oxygenate demand is based on projections of reformulated and oxygenated motor gasoline demand, plus continued demand for ethanol and MTBE as blendstocks in conventional motor gasoline. EIA expects demand for oxygenates for use in reformulated and oxygenated motor gasoline to average 373 thousand barrels per day of MTBE-equivalent volume in 1995. Continued demand for ethanol in gasohol blending and MTBE as a motor gasoline octane blendstock will make up the balance of the total projected oxygenate demand in 1995 (Figure 1).

²⁵Oxygenate demand for 1993 from Energy Information Administration, *Petroleum Supply Monthly*, DOE/EIA-0109(94/01) (Washington, DC, January 1994), pp. 148, 149.

The oxygenate content of reformulated motor gasoline is assumed to average 2.1 percent by weight. EPA's oxygenated motor gasoline program (which went into effect on November 1, 1992) requires the reformulated motor gasoline markets in Baltimore, New York, Philadelphia, Washington, DC, and the State of New Jersey to increase the oxygenate level to a minimum 2.7 percent by weight (2.8 percent by weight assumed average) during certain winter months.²⁶ An additional 21 cities participating in the oxygenated motor gasoline program continue to require 2.7 percent oxygenates by weight, except all cities in California (2.1 percent by weight assumed) and Tucson, Arizona (1.9 percent by weight assumed).²⁷ EIA projects 1995 average oxygenate demands (in MTBE-equivalent volume) in these markets to be as follows: reformulated-only markets, 263 thousand barrels per day; reformulated/oxygenated markets, 62 thousand barrels per day; and oxygenated-only markets, 48 thousand barrels per day. The projected total nonattainment area oxygenate demand is 373 thousand barrels per day.

Ethanol will continue to be used for gasohol in areas that do not require reformulated or oxygenated motor gasoline. Over 76 percent of all gasohol is sold in the midwestern States (PAD District II) because of proximity to ethanol producers and State tax incentives for gasohol. Ethanol demand averaged about 68 thousand barrels per day during the second and third quarters of 1993 (between the first and second oxygenated motor

²⁶Those markets require motor gasoline to meet both the reformulated and oxygenated specification requirements and are designated as reformulated/oxygenated markets.

²⁷For a review of the oxygenated motor gasoline forecast procedure, refer to Tancred Lidderdale, "Demand, Supply, and Price Outlook for Oxygenated Gasoline, Winter 1992-1993," Energy Information Administration, *Monthly Energy Review*, DOE/EIA-0035(92/08) (Washington, DC, August 1992), p. 7.

Figure 1. Projected Oxygenate Demand, 1995

Source: Author's calculations based on Energy Information Administration, *Short-Term Energy Outlook*, Second Quarter 1994, DOE/EIA-0202(94/Q) (Washington, DC, May 1994), p. 28.

gasoline seasons).²⁸ This historical baseline ethanol demand for gasohol blending is lowered to account for reformulated and oxygenated motor gasoline market shares in States that reported gasohol sales.²⁹ About 120 thousand barrels per day of gasohol (12 thousand barrels per day of ethanol, which makes up 10 percent of gasohol) may be replaced by reformulated or oxygenated motor gasoline.

The new demand for oxygenates should push total demand closer to total oxygenate production capacity, leading to stronger oxygenate prices. Those higher prices will probably lead to reduced gasohol sales in States without tax credits or in-state ethanol production facilities. About 20 thousand barrels per day of ethanol were sold in States without tax credits for gasohol blending in 1992. This forecast assumes that an additional 10 thousand barrels per day of ethanol will be redirected from gasohol sales to reformulated motor gasoline markets. The continued demand for ethanol in gasohol sales is then projected to average 46 thousand barrels per day (93 thousand barrels per day MTBE-equivalent volume).

MTBE may also continue to be used as an octane blend component in motor gasoline sold in areas that do not require reformulated or oxygenated motor gasoline. MTBE demand averaged about 88 thousand barrels per day during the second quarter of 1993. Due to excess MTBE production capacity during 1993, MTBE selling prices were generally determined by their octane values and did not include any oxygenate price premiums. Thus, there was little incentive to restrain MTBE use during the year. Continued demand for MTBE as an octane blendstock is assumed to be the balancing item between the 1995 oxygenate supply and demand forecasts. MTBE as an octane blendstock is expected to average about 14 thousand barrels per day in 1995. This small volume of MTBE octane blending is evidence of the potential tightness in the oxygenate markets.

On the supply side, total oxygenate supply for motor gasoline blending in 1993 was almost evenly split between MTBE and fuel ethanol (on an MTBE-equivalent-volume basis). MTBE production averaged 136 thousand barrels per day, net imports accounted for 15 thousand barrels per day, and inventory drawdowns accounted for 11 thousand barrels per day. Ethanol production averaged 152 thousand barrels per day MTBE-equivalent volume with an inventory build of 1,746 barrels per day MTBE-equivalent volume and no net imports.³⁰ Total oxygenate supply is projected to increase to an average of 480 thousand barrels per day in 1995,

²⁸Energy Information Administration, *Petroleum Supply Monthly*, DOE/EIA-0109(94/01) (Washington, DC, January 1994), p. 148.

²⁹States with reformulated and/or oxygenated motor gasoline markets that reported gasohol sales include California, Colorado, Connecticut, Illinois, Indiana, Kentucky, Minnesota, Montana, Nevada, Oregon, Texas, Utah, Virginia, Washington, and Wisconsin. State gasohol sales are taken from Federal Highway Administration, *Highway Statistics 1992*, FHWA-PL-93-023 (Washington, DC, 1993), p. 11.

³⁰Energy Information Administration, *Petroleum Supply Monthly*, DOE/EIA-0109(94/01) (Washington, DC, January 1994), pp. 148-149. MTBE imports from Energy Information Limited, "US MTBE Imports Remain Strong While Stocks Rebuild With End of Oxy Season," *Oil Market Listener* (San Francisco, CA, April 6, 1994).

as a result of new domestic MTBE and TAME production capacity, higher MTBE imports, and inventory drawdown.

Domestic production capacity for both MTBE and ethanol has steadily increased after the early 1980's. Federal and local tax incentives for blending renewable fuel ethanol into motor gasoline and the continued growing demand for motor gasoline octane blendstocks contributed to steady growth in demand for ethanol and MTBE. The new Federal oxygenated and reformulated motor gasoline programs stimulated a dramatic increase in MTBE production capacity within the last few years (Table 5). On the other hand, ethanol shipping costs, gasohol nonfungibility³¹ with motor gasoline, and limited State tax incentives helped to restrain growth in ethanol production capacity.

EIA data suggest that limited feedstock supply, plant downtime for routine maintenance, and variable market conditions will constrain domestic production capacity utilization. Consequently, domestic production of oxygenates (MTBE, TAME, ETBE, and ethanol) is expected to

³¹Pipelines, tank trucks, and barges used to ship motor gasoline usually also contain small amounts of water from condensation and other sources. Gasohol and other alcohol fuels absorb water and thus can be rendered unfit for use if they are transported in the same vehicles or pipelines as motor gasoline.

Table 5. Oxygenate Production Capacity, 1991-1996, and Production Forecast, 1995-1996

	MTBE	TAME	ETBE	Ethanol
Capacity History:				
January 1, 1991	122,500	547	0	82,643
January 1, 1992	135,090	3,689	0	93,498
January 1, 1993	182,153	5,000	815	87,053
January 1, 1994	226,703	14,500	815	90,672
Capacity Projections:				
January 1, 1995	269,553	20,640	815	103,718
January 1, 1996	282,053	24,700	815	106,718
Average 1995				
Capacity.....	275,803	22,670	815	105,218
Capacity Utilization				
Factor	0.83	0.70	0.70	0.85
Projected 1995				
Production.....	228,916	15,870	570	89,435
Volume Correction				
Factor for MTBE-Equivalent Volume	1.00	0.89	0.88	2.03
Projected 1995				
Production MTBE-Equivalent Volume	228,916	14,123	502	181,554

Sources: Energy Information Administration, *Petroleum Supply Annual 1993*, Volume 1, DOE/EIA-0340(93)/1 (Washington, DC, June 1994). B. Haigwood and J. Stepan "Oxygenated Fuels Industry Gears Up For Reformulated Gasoline," *Fuel Reformulation* (Denver, CO, March/April 1994), pp. 48-56. National Petroleum Council, *U.S. Petroleum Refining*, Volume I (Washington, DC, August 1993), p. 147. Ethanol plant utilization factor adjusted for observed 1993 operations.

average about 425 thousand barrels per day MTBE-equivalent volume in 1995 (Table 5).

MTBE imports will also be a significant source of oxygenates and will make up some of the projected difference between total demand and domestic production. Ethanol and ETBE imports are not expected to significantly contribute to oxygenate supply because of the steep tariffs on those products (Table 6). MTBE net imports averaged 15 thousand barrels per day in 1993, primarily from very large MTBE plants (over 10 thousand barrels per day capacity) in Canada, Saudi Arabia, and Venezuela. Foreign MTBE daily plant capacity grew by 26.9 thousand barrels in 1993 and is expected to grow by an additional 60 thousand barrels in 1994 and 39.5 thousand barrels in 1995.³² EIA assumes that MTBE net imports in 1995 will increase to 45 thousand barrels per day.

The reformulated motor gasoline program will alter the role of inventories in meeting oxygenate supply needs. The CAAA90 oxygenated motor gasoline program, which began in November 1992, introduced a highly seasonal (winter-only) demand for oxygenates. The reformulated motor gasoline program will reduce inventories' roles in meeting the winter peak demand that was observed during the first two oxygenated motor gasoline seasons. MTBE inventory draw contributed an average of 11,134 barrels per day to oxygenate supply in 1993. MTBE inventories are expected to build during the second half of 1994 to satisfy reformulated and oxygenated motor gasoline demand for oxygenates during 1995. Although the potential for 1995 oxygenate supply from inventory is highly uncertain, an average 10 thousand barrels per day is assumed for a total inventory drawdown of 3.65 million barrels.

The EPA's Renewable Oxygenate Standard mandates the use of renewable motor gasoline oxygenates in 15 percent of the reformulated gasoline pool during 1995. The Renewable Oxygenate Standard will provide an additional incentive to shift ethanol out of the Midwest gasohol markets to replace MTBE, either directly in reformulated motor gasoline blends or indirectly through conversion of MTBE production facilities to ETBE production. An average of about 24 thousand barrels per day of ethanol will be required in 1995 to meet a minimum 15 percent reformulated motor gasoline oxygenate market share under the Renewable Oxygenate Standard.

³² B. Haigwood and J. Stepan, "Oxygenated Fuels Industry Gears Up For Reformulated Gasoline," *Fuel Reformulation* (Denver, CO, March/April 1994), pp. 53-55.

Reformulated Motor Gasoline Costs

The new requirements for oxygenates and reductions in RVP, benzene, and aromatics content in reformulated motor gasoline will lead to production cost increases that may be passed through, as price premiums above the price of conventional motor gasoline.

Most published estimates of reformulated motor gasoline production costs are derived from linear programming (LP) models. EPA projects the cost of Phase I reformulated motor gasoline to average about 4.0 cents per gallon higher than the cost of conventional motor gasoline. This price premium includes fuel economy effects resulting from the change in reformulated motor gasoline's heat content due to the addition of oxygenates and the reduction in RVP. EPA estimates the average refinery cost for producing reformulated motor gasoline (excluding the average cost of fuel economy losses of 1.4 cents per gallon) to be 2.6 cents per gallon.³³

The National Petroleum Council (NPC) estimates that the added refining cost to produce Phase I summer reformulated motor gasoline will be 5.5 to 6.0 cents per gallon. This estimate does not include fuel economy effects.³⁴ In its base case, NPC assumes that reformulated motor gasoline would be supplied only to the nine mandated cities and that there would be a 10-percent spillover (about 27 percent of total motor gasoline demand). With full opt-in (reformulated motor gasoline representing about 65 percent of total motor gasoline demand), the average refining cost would rise by only 0.5 cent per gallon.

The differences in LP model results arise not only because of different LP model structures and assumptions, but also because a price premium reported may represent either an average cost (based on the LP model "objective function value") or a marginal cost (corresponding to an LP model "shadow price"). In this forecast, EIA uses observed market-price premiums for oxygenate additions under the oxygenated motor gasoline program and summer RVP reductions in some motor gasoline markets to estimate the refiner's marginal cost for producing reformulated motor gasoline. Because the benzene and aromatics restrictions

³³ Environmental Protection Agency, *Final Regulatory Impact Analysis for Reformulated Gasoline* (Washington, DC, December 13, 1993), p. 306.

³⁴ National Petroleum Council, *U.S. Petroleum Refining, Volume 1* (Washington, DC, August 1993), p. 235.

Table 6. Import Tariffs on Fuel Oxygenates, January 1, 1994

Product	General	NAFTA Canada	NAFTA Mexico	Generalized System of Preferences	Caribbean Basin
MTBE or TAME	5.6 percent	Free	Free	Free	Free
ETBE	\$0.227/gal	Free	\$0.201/gal	Free	Free
Fuel Ethanol	\$0.540/gal	\$0.238/gal	\$0.484/gal	\$0.540/gal	Free

Notes: • Generalized System of Preferences includes countries such as Argentina, Bahrain, Malaysia, and Venezuela. • The Caribbean Basin (Economic Recovery Act) includes Trinidad.

Source: United States International Trade Commission, *Supplement 1 to Harmonized Tariff Schedules of the United States (1994)*, USITC Publication 2690 (Washington, DC, December 15, 1993). MTBE or TAME product code 2909.19.10; fuel ethanol product code 9901.00.50; ETBE product code 9901.00.52.

are new, reported LP model results are used to estimate the cost of this part of the reformulated motor gasoline program. The analysis is as follows:

Oxygenate blending. An estimated price premium for oxygenate blending may be derived from the observed premium for oxygenated motor gasoline during the last two winter carbon monoxide control seasons. During the first season (October 1992 to March 1993), the spot price premium for oxygenated motor gasoline over conventional motor gasoline averaged 3.84 cents per gallon for New York harbor cargoes and 3.12 cents per gallon for Gulf Coast waterborne cargoes. Spot price premiums during the second oxygenated motor gasoline season (October 1993 to February 1994) averaged 2.91 cents per gallon in New York and 3.16 cents per gallon on the Gulf Coast.³⁵

The wholesale spot price premium for oxygenated motor gasoline above the price of conventional motor gasoline is assumed to rise to 4.0 cents per gallon in 1995. The significant increase in demand for oxygenates in reformulated motor gasoline is assumed to eliminate the oversupply of oxygenates that contributed to weakness in the oxygenates markets. Since the required oxygenate level in reformulated motor gasoline is only 74 percent of the level in oxygenated motor gasoline (2.0 percent by weight versus 2.7 percent by weight), oxygenate blending is assumed to contribute 3.0 cents per gallon to the price premium of reformulated motor gasoline.

RVP reduction. The market price premium for reducing RVP depends on the price differential between motor gasoline and normal butane. The market price premium for 7.8 RVP motor gasoline relative to 9.0 RVP motor gasoline during the summer of 1993 was about 4 percent of the price difference between 7.8 RVP motor gasoline and normal butane, or about 0.66 cent per gallon per psi reduction.³⁶ This observed market price premium was almost 50 percent greater than expected from a simple linear blend calculation that corrects for octane differences. One reason for the additional price premium for low RVP motor gasoline was that 7.8 RVP material is required only in ozone nonattainment areas in the southern United States, which represented only about 18 percent of the total motor gasoline market. The small market share and restrictive distribution

requirements may have contributed to the higher observed market price premium.

The reformulated motor gasoline regulations require a 0.9-psi reduction in RVP in northern U.S. ozone nonattainment areas and a 0.6-psi reduction in southern areas during the summer months. The average reformulated motor gasoline RVP reduction is about 0.8 psi. EPA estimates the refinery cost to reduce RVP (including capital recovery cost) at about 0.4 cent per gallon per psi reduction.³⁷ This estimate is consistent with the observed market price premium in June and July 1993, when demand for low-RVP motor gasoline was at its highest. EIA estimates the average cost for reducing RVP to meet reformulated motor gasoline requirements during the summer months to be about 0.4 cent per gallon of reformulated motor gasoline (0.8 psi multiplied by 0.5 cent/gallon/psi reduction).

Aromatics reduction. The average level of aromatics in regular unleaded motor gasoline was about 32 percent by volume in the summer and 28 percent by volume during the winter. Benzene concentrations averaged 1.6 percent by volume during the summer and 1.5 percent during the winter.³⁸ Under the new regulations, benzene must be reduced to 1.0 percent by volume or lower. The required aromatics reduction is determined by the emissions model for TAP reduction and is dependent on the fuel's RVP, benzene concentration, and the level and type of oxygenate. Reductions in aromatics of 2 to 4 percent by volume are expected.

EPA estimates the cost to reduce aromatics from 30 percent to 28 percent by volume to be 0.07 cent per gallon for each percent reduction. For a further reduction from 28 to 24 percent, the cost rises to 0.31 cent per gallon for each percent reduction.³⁹ EIA assumes an average cost of benzene and aromatics reduction of 0.50 cent per gallon.

By these analyses, EIA estimates that blending oxygenates to yield 2.0 percent oxygen by weight will cost 3.0 cents per gallon. Removing high-vapor-pressure components (to meet summer RVP specifications) and reducing levels of benzene and other aromatics will cost 0.40 cent per gallon and 0.50 cent per gallon, respectively. Therefore, the total added cost of reformulated motor gasoline is estimated to be 3.9 cents per gallon in summer and 3.5 cents per gallon in winter.

³⁷Environmental Protection Agency, *Final Regulatory Impact Analysis for Reformulated Gasoline* (Washington, DC, December 13, 1993), p. 348.

³⁸National Institute for Petroleum and Energy Research, *Motor Gasolines, Winter 1991-92*, NIPER-175 PPS 92/3 (Bartlesville, OK, June 1992), pp. 77-80, and *Motor Gasolines, Summer 1992*, NIPER-178 PPS 93/1 (Bartlesville, OK, January 1993), pp. 75-78.

³⁹Environmental Protection Agency, *Final Regulatory Impact Analysis for Reformulated Gasoline* (Washington, DC, December 13, 1993), pp. 348, 403.

³⁵McGraw-Hill, Inc., *Platt's Oilgram Price Report*, Price Average Supplement, February 1994, Vol. 71, No. 59 (New York, NY, March 25, 1994), p. 2, and earlier issues.

³⁶McGraw-Hill, Inc., *Platt's Oilgram Price Report*, Price Average Supplement, August 1993, Vol. 71, No. 234 (New York, NY, December 3, 1993), p. 2, and earlier issues.

Highlights

Highlights

World crude oil prices climbed steadily in May 1994, continuing the trend established in April, but at a somewhat slower pace. Crude oil production remained fairly stable, as members of the Organization of Petroleum Exporting Countries (OPEC) maintained output only slightly above their self-imposed ceiling. With worldwide inventories having been reduced by strong winter demand, markets had reached a delicate balance, and hints of economic strengthening kept prices on a steady upswing.

In the United States, crude oil prices moved upward with world trends, and received an additional short-term boost in the third week from tight supplies in the mid-continent region. Gasoline generally followed crude oil, with a slight seasonal boost approaching the Memorial Day weekend, while distillate prices were relatively

static. Rising sales of gasoline and aviation fuels were offset by declines in distillate, residual fuel, and propane sales, leaving total refiner sales of the major petroleum products unchanged from April levels.

May 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, continued its gradual rise through the first half of the month, before jumping

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

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

Products	Sales to End Users						Sales for Resale					
	May 1994		April 1994		May 1993		May 1994		April 1994		May 1993	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor Gasoline	71.1	55.0	69.5	54.7	80.1	57.6	59.2	277.6	57.8	274.5	69.2	264.0
Conventional	71.0	54.1	69.3	52.5	—	—	59.1	275.8	57.5	260.6	—	—
Regular	66.2	35.5	64.5	34.4	—	—	55.9	190.4	54.5	183.9	—	—
Midgrade	75.8	8.6	74.1	8.4	—	—	62.6	28.8	61.3	27.0	—	—
Premium	84.0	10.0	82.3	9.7	—	—	68.3	56.5	66.7	49.7	—	—
Oxygenated	77.0	0.9	74.0	2.2	—	—	64.7	1.8	64.2	13.9	—	—
Regular	69.2	0.6	65.2	1.2	—	—	60.6	0.9	57.9	6.6	—	—
Midgrade	82.5	0.1	79.6	0.3	—	—	58.8	0.1	64.7	1.6	—	—
Premium	89.3	0.3	87.2	0.7	—	—	70.7	0.8	71.6	5.7	—	—
Reformulated	—	—	—	—	—	—	—	—	—	—	—	—
Regular	—	—	—	—	—	—	—	—	—	—	—	—
Midgrade	—	—	—	—	—	—	—	—	—	—	—	—
Premium	—	—	—	—	—	—	—	—	—	—	—	—
Aviation Gasoline	92.3	0.2	91.3	0.2	102.2	0.2	91.2	0.8	89.5	0.6	99.4	0.7
Kerosene-Type Jet Fuel	50.9	45.2	50.7	45.6	59.9	41.5	50.6	9.1	50.8	7.5	60.1	7.2
Propane (Consumer Grade)	46.3	1.9	54.9	1.7	67.3	2.0	30.4	19.2	30.5	20.8	34.0	19.0
Kerosene	55.2	0.5	69.7	0.2	68.8	0.1	53.2	0.9	55.0	1.1	58.3	0.9
No. 1 Distillate	61.4	0.2	63.5	0.2	65.8	0.2	56.9	0.6	57.8	0.7	66.5	0.6
No. 2 Distillate	54.2	24.8	55.0	24.4	62.0	22.3	50.9	101.5	51.3	103.5	58.4	90.8
No. 2 Fuel Oil	53.5	2.3	58.0	2.3	59.8	2.4	48.8	27.3	48.9	29.8	56.9	40.1
No. 2 Diesel Fuel	54.3	22.5	54.7	22.1	62.3	19.9	51.7	74.3	52.3	73.7	59.6	50.7
Low Sulfur	55.8	13.4	57.2	12.3	—	—	52.1	59.3	53.0	57.3	—	—
High Sulfur	52.0	9.1	51.4	9.8	—	—	50.2	14.9	49.7	16.4	—	—
No. 4 Fuel^a	47.6	0.5	47.6	0.6	52.3	0.4	42.6	0.1	39.4	0.3	51.3	0.2
Residual Fuel Oil	33.0	10.6	31.1	12.5	36.8	15.2	29.6	12.6	27.6	12.2	31.0	13.8
Sulfur Content not > 1 %	35.9	3.9	35.2	3.6	41.9	5.3	31.7	6.5	29.4	6.1	34.7	6.4
Sulfur Content > 1 %	31.3	6.7	29.5	8.9	34.1	9.9	27.3	6.1	25.8	6.1	27.8	7.3

Dash (—) = No data reported.

^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."

to a 7-month high of \$18.93 per barrel in time for the NYMEX futures contract expiration on May 20. Prices then eased slightly, ending the month at \$18.30 per barrel, \$1.38 above the end of April. The average domestic crude oil first purchase price rose \$1.70 (13.8 percent) to \$14.03 per barrel.

The average free-on-board (f.o.b.) cost of imported crude oil purchased in May rose \$1.08 (8.0 percent) to \$14.54 per barrel. The average landed cost of foreign crude oil climbed \$1.27 (8.9 percent) to \$15.46 per barrel.

The average refiner acquisition cost of domestic crude oil in May was \$15.95 per barrel, up \$1.21 (8.2 percent) from April. The average cost of imported crude oil to U.S. refiners rose \$1.25 (8.6 percent) to \$15.79 per barrel. The composite refiner acquisition cost of crude oil in the United States increased \$1.23 (8.4 percent) in May, to \$15.87 per barrel.

Petroleum Products

Motor Gasoline

The New York Harbor daily spot price for unleaded regular gasoline paralleled crude oil for most of the month, moving gradually upward approaching the start of the traditional peak driving season. The spot price closed the month at its highest point, reaching 53.2 cents per gallon on May 31, an increase of 4.4 cents from the end of April.

Average refiner prices for motor gasoline rose 1.6 cents in May to 71.1 cents per gallon for retail sales, and climbed 1.4 cents to 59.2 cents per gallon for wholesale. Including data reported by the sample of motor gasoline marketers, national average retail prices increased 1.7 cents to 70.9 cents per gallon at company-operated retail outlets, while average wholesale prices increased 1.3

cents to 59.6 cents per gallon. Average dealer tank wagon (DTW) prices rose 1.5 cents to 65.2 cents per gallon, and rack prices for motor gasoline averaged 56.9 cents per gallon, up 1.3 cents from April. Average prices for bulk sales increased 1.4 cents to 51.1 cents per gallon. Oxygenated gasoline prices averaged 6.5 cents higher than conventional grades for retail sales, and 5.6 cents higher for wholesale.

Total refiner sales of finished motor gasoline in May were 332.6 million gallons per day, up 3.4 million gallons per day (1.0 percent) from April. Retail sales rose 300,000 gallons per day (0.5 percent) to 55.0 million gallons, while wholesale sales rose 3.1 million gallons per day (1.1 percent) to 277.6 million gallons. Rack sales made up 59.8 percent of refiner wholesale gasoline volumes in May, and DTW and bulk transactions were 30.2 and 10.0 percent, respectively. Sales of oxygenated gasoline were 0.8 percent of total motor gasoline sales, down from 4.9 percent in April.

No. 2 Distillate

The spot price for No. 2 heating oil at New York Harbor was fairly stable throughout May, with closing prices remaining within a 3-cent range the entire month. The peak price was reached on the last day of the month at 49.6 cents per gallon, 2.5 cents above the month-ending price for April.

Average retail prices for No. 2 distillate fell in all categories in May. The national average residential price decreased 2.1 cents to 85.8 cents per gallon, while the average wholesale price declined 0.4 cents to 51.7 cents per gallon. The average price of No. 2 diesel fuel fell 0.8 cent per gallon at company-operated retail outlets and 0.6 cent for wholesale sales. Low-sulfur diesel fuel prices averaged 3.8 cents per gallon above high-sulfur for retail sales, and 1.7 cents higher for wholesale.

Total refiner sales of No. 2 distillate fell 1.7 million gallons per day (1.3 percent) to 126.3 million gallons per day. No. 2 fuel oil sales dropped 2.5 million gallons per day (7.8 percent), and No. 2 diesel fuel sales increased 0.8 million gallons per day (0.9 percent). Low-sulfur diesel fuel made up 75.2 percent of diesel fuel and 57.6 percent of all refiner No. 2 distillate sales in May, up from 72.6 and 54.4 percent, respectively, in April.

Residual Fuel Oil

Residual fuel oil prices increased in May in all categories. Refiner retail prices for low-sulfur residual rose 0.7 cent to 35.9 cents per gallon, while wholesale prices were up 2.3 cents to 31.7 cents per gallon. High-sulfur residual fuel prices for sales by refiners climbed 1.8 cents to 31.3 cents per gallon for retail, and rose 1.5 cents to 27.3 cents per gallon for wholesale. Including data reported by the sample of residual fuel oil marketers, average low-sulfur prices increased 0.8 cent and 1.8 cents per gallon for retail and wholesale, respectively. The average price for high-sulfur residual rose 1.3 cents for retail and 2.9 cents for wholesale sales.

Total refiner sales of residual fuel oil decreased 1.5 million gallons per day (6.1 percent) to 23.2 million gallons per day. Low-sulfur residual fuel sales increased 0.7 million gallons per day (7.2 percent), while high-sulfur declined 2.2 million gallons per day (12.8 percent).

Other Products

Price movements for other petroleum products were mixed in May. Refiner sales prices for propane fell 8.6 cents per gallon for end users and 0.1 cent per gallon at wholesale. Including the sample of propane marketers, residential propane prices decreased 1.3 cents per gallon, while the average end-user price fell 3.4 cents, and the average wholesale price rose 0.5 cent. Refiner prices for kerosene-type jet fuel increased 0.2 cent for retail and fell 0.2 cent for wholesale sales. Aviation gasoline and No. 4 fuel prices were up at both levels, while kerosene and No. 1 distillate prices decreased in both categories.

Refiner sales volumes increased overall for aviation fuels and kerosene, and fell for propane and distillates. Retail propane sales by refiners rose 0.2 million gallons per day, while wholesale volumes dropped 1.5 million gallons per day. Kerosene-type jet fuel retail sales declined 0.3 million gallons per day, but wholesale sales increased 1.6 million gallons per day. Aviation gasoline sales volumes rose for both retail and wholesale, No. 1 and No. 4 distillate sales fell at both levels, and sales of kerosene were up at retail and down at the wholesale level.

Summary Statistics

Table 1. Crude Oil Prices
(Dollars per Barrel)

Year Month	Domestic First Purchase Prices	Average F.O.B. ^a Cost of Crude Oil Imports ^b	Average Landed Cost of Crude Oil Imports ^b	Refiner Acquisition Cost of Crude Oil		
				Domestic	Imported	Composite
1978	9.00	13.29	14.35	10.61	14.57	12.46
1979	12.64	20.07	21.45	14.27	21.67	17.72
1980	21.59	32.37	33.67	24.23	33.89	28.07
1981	31.77	35.15	36.47	34.33	37.05	35.24
1982	28.52	32.02	33.18	31.22	33.55	31.87
1983	26.19	27.81	28.93	28.87	29.30	28.99
1984	25.88	27.60	28.54	28.53	28.88	28.63
1985	24.09	25.84	26.67	26.66	26.99	26.75
1986	12.51	12.52	13.49	14.82	14.00	14.55
1987	15.40	16.69	17.65	17.76	18.13	17.90
1988	12.58	13.25	14.08	14.74	14.56	14.67
1989	15.86	16.89	17.68	17.87	18.08	17.97
1990	20.03	20.37	21.13	22.59	21.76	22.22
1991	16.54	16.89	18.02	19.33	18.70	19.06
1992						
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	11.99	12.64	13.24	12.90	13.07
March	10.81	12.22	12.88	13.14	13.18	13.16
April	12.33	13.46	14.19	14.74	14.54	14.64
May	14.03	14.54	15.46	15.95	15.79	15.87

^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 ERA-49, "Domestic Crude Oil Entitlements Program Refiners' Monthly Report," July 1978 through December 1980; Form EIA-14, "Refiners' Monthly Cost Report," January 1981 to present.

Figure 1. Crude Oil Prices

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

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

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel ^a	Residual Fuel Oil
							No. 2 Diesel Fuel	No. 2 Fuel Oil	Average		
1978	48.4	51.6	38.7	33.5	42.1	41.0	37.7	40.0	39.6	31.1	29.8
1979	71.3	68.9	54.7	35.7	58.5	57.2	58.5	51.6	55.1	47.9	43.6
1980	103.5	108.4	86.8	48.2	90.2	83.4	81.8	78.8	80.4	68.2	60.7
1981	114.7	130.3	102.4	56.5	112.3	103.9	99.5	91.4	95.8	79.7	75.6
1982	106.0	131.2	96.3	59.2	108.9	102.3	94.2	90.5	92.5	75.0	67.6
1983	95.4	125.5	87.8	70.9	96.1	96.2	82.6	91.6	83.9	76.6	65.1
1984	90.7	123.4	84.2	73.7	103.6	92.7	82.3	91.6	83.7	79.6	68.7
1985	91.2	120.1	79.6	71.7	103.0	83.0	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	58.0	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	87.2	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	58.5	78.2	64.0	54.9	60.8	55.6	50.9	32.9
April	69.5	91.3	50.7	54.9	69.7	63.5	54.7	58.0	55.0	47.6	31.1
May	71.1	92.3	50.9	46.3	55.2	61.4	54.3	53.5	54.2	47.6	33.0

NA = Not available.

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

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

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

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	25.6	1.1	15.1
April	54.7	0.2	45.6	1.7	0.2	0.2	22.1	2.3	24.4	0.6	12.5
May	55.0	0.2	45.2	1.9	0.5	0.2	22.5	2.3	24.8	0.5	10.6

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

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

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

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

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

Percentages of Refiner Retail Volumes

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

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

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel ^a	Residual Fuel Oil
							No. 2 Diesel Fuel	No. 2 Fuel Oil	Average		
1978	43.4	53.7	38.6	23.7	40.4	40.6	36.5	36.9	36.7	30.5	26.3
1979	63.7	72.1	66.0	29.1	62.4	58.3	57.4	56.9	57.1	47.0	39.9
1980	94.1	112.8	86.8	41.5	86.4	88.0	80.1	80.3	80.2	67.0	52.8
1981	106.4	125.0	101.2	46.6	106.6	107.1	97.2	97.6	97.4	78.3	66.3
1982	97.3	122.8	95.3	42.7	101.8	103.8	91.4	91.4	91.4	73.7	61.2
1983	88.2	117.8	85.4	48.4	89.2	89.6	80.8	81.5	81.2	72.6	60.9
1984	83.2	116.5	83.0	45.0	91.6	89.2	80.3	82.1	81.3	70.7	65.4
1985	83.5	113.0	79.4	39.8	87.4	86.3	77.2	77.6	77.4	67.2	57.7
1986	53.1	91.2	49.5	29.0	60.6	57.9	45.2	48.6	47.0	40.9	30.5
1987	58.9	85.9	53.8	25.2	59.2	59.9	53.4	52.7	53.1	46.2	38.5
1988	57.7	85.0	49.5	24.0	54.9	54.9	47.3	47.3	47.3	42.5	30.0
1989	65.4	95.0	58.3	24.7	66.9	66.8	56.7	56.5	56.6	48.0	36.0
1990	78.6	106.3	77.3	38.6	83.9	83.8	69.4	69.7	69.5	59.0	41.3
1991	69.9	100.1	65.0	34.9	72.3	73.0	61.5	62.2	61.8	55.6	31.4
1992											
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	59.8	61.3	52.9	49.7	51.8	48.7	27.5
April	57.8	89.5	50.8	30.5	55.0	57.8	52.3	48.9	51.3	39.4	27.6
May	59.2	91.2	50.6	30.4	53.2	56.9	51.7	48.8	50.9	42.6	29.6

^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	18.9
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	267.1	0.6	7.0	25.9	2.7	1.2	71.2	38.6	109.8	0.6	15.4
April	274.5	0.6	7.5	20.8	1.1	0.7	73.7	29.8	103.5	0.3	12.2
May	277.6	0.8	9.1	19.2	0.9	0.6	74.3	27.3	101.5	0.1	12.6

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

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

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

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

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

Percentages of Refiner Wholesale Volumes

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

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

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1983	98.0	97.0	-	-	-	89.5	-	-	-	-	-	-
1984	92.2	91.4	-	-	-	84.2	-	-	-	-	-	-
1985	92.5	91.7	-	-	-	84.3	-	-	-	-	-	-
1986	82.4	81.8	-	-	-	52.2	-	-	-	-	-	-
1987	85.9	85.0	-	-	-	56.9	-	-	-	-	-	-
1988	84.9	84.1	-	-	-	54.8	-	-	-	-	-	-
1989	72.0	71.4	-	-	-	61.8	79.8	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	-	-	-	58.5	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	72.5	71.9	63.5	54.0	NA	58.3
April	64.9	64.5	60.1	53.4	49.3	54.6	74.8	74.3	66.1	57.6	NA	61.4
May	66.7	66.2	61.9	54.7	50.3	55.9	76.4	75.9	67.7	58.4	NA	62.6

See footnotes at end of table.

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

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1983	108.0	105.7	-	-	-	96.4	96.4	95.4	-	-	-	88.2
1984	102.1	101.5	-	-	-	91.8	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	75.8	-	-	-	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	-	-	-	66.6
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	-	-	-	76.0	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	81.5	80.7	71.9	59.3	50.7	64.1	67.9	67.3	62.7	52.1	46.8	54.9
April	83.4	82.6	74.1	62.8	55.5	67.2	70.0	69.5	64.9	55.5	49.9	57.8
May	84.9	84.1	75.7	64.0	56.9	68.3	71.6	71.1	66.6	56.8	51.2	59.2

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	36.8	-	-	-	155.7	4.9	5.1	-	-	-	16.4
1990	36.7	38.8	-	-	-	174.5	7.4	7.6	-	-	-	23.1
1991	38.4	40.4	-	-	-	180.9	7.9	8.2	-	-	-	23.7
1992												
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	-	-	-	28.8
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	34.2	36.0	47.4	115.1	21.1	183.6	8.4	8.7	12.8	15.4	0.2	28.4
April	34.0	35.6	47.4	119.0	24.1	190.5	8.4	8.7	12.9	15.5	0.1	28.6
May	34.4	36.0	47.6	119.5	24.3	191.4	8.4	8.7	12.9	15.9	0.1	28.9

See footnotes at end of table.

Table 7. U.S. Refiner Motor Gasoline Volumes by Grade and Sales Type

(Million Gallons per Day) — Continued

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
1983	5.0	6.2	-	-	-	28.7	42.3	51.1	-	-	-	242.5
1984	8.5	9.2	-	-	-	33.7	50.3	57.6	-	-	-	246.3
1985	9.2	10.0	-	-	-	38.0	50.5	57.5	-	-	-	258.9
1986	9.0	9.8	-	-	-	45.1	54.2	61.2	-	-	-	257.2
1987	11.2	11.6	-	-	-	53.0	55.7	61.0	-	-	-	257.2
1988	13.8	14.5	-	-	-	62.4	56.7	61.0	-	-	-	263.7
1989	13.5	14.2	-	-	-	60.8	57.5	61.2	-	-	-	260.7
1990	11.2	11.7	-	-	-	53.7	57.4	60.3	-	-	-	264.8
1991	10.5	10.9	-	-	-	48.3	58.4	61.2	-	-	-	261.3
1992												
January	10.3	10.7	-	-	-	49.7	53.8	58.4	-	-	-	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	-	-	-	268.2
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	29.4	2.7	55.0	52.7	55.1	83.2	159.9	24.0	267.1
April	10.0	10.4	23.1	29.7	2.6	55.4	52.4	54.7	83.4	164.2	26.8	274.5
May	9.9	10.3	23.2	30.7	3.3	57.3	52.7	55.0	83.7	166.1	27.8	277.6

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	62.1	61.6	57.4	49.9	46.2	51.3	72.0	71.5	63.3	54.0	NA	58.0
April	64.9	64.5	60.1	53.4	49.3	54.5	74.6	74.1	66.0	57.6	NA	61.3
May	66.6	66.2	61.9	54.6	50.3	55.9	76.3	75.8	67.7	58.4	NA	62.6

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	80.4	79.6	71.4	59.2	50.6	63.3	67.1	66.5	61.9	52.0	46.7	54.3
April	83.1	82.3	74.1	62.8	55.5	66.7	69.9	69.3	64.6	55.5	49.9	57.5
May	84.7	84.0	75.8	64.0	56.9	68.3	71.5	71.0	66.6	56.7	51.2	59.1

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	31.5	33.1	41.9	112.4	20.6	174.9	7.9	8.2	11.6	W	W	26.8
April	32.8	34.4	43.2	116.9	23.8	183.9	8.1	8.4	11.7	W	W	27.0
May	33.8	35.5	W	119.0	W	190.4	8.3	8.6	W	W	0.1	28.8

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	37.6	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	8.9	9.2	18.3	W	W	49.0	48.3	50.6	71.8	155.8	23.2	250.8
April	9.3	9.7	18.7	W	W	49.7	50.3	52.5	73.6	160.7	26.3	260.6
May	9.6	10.0	W	W	3.3	56.5	51.8	54.1	W	165.3	W	275.8

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	70.8	70.0	62.3	54.1	46.9	58.8	80.4	79.5	65.7	57.1	W	63.8
April	65.7	65.2	60.3	54.4	49.6	57.9	80.1	79.6	66.5	57.9	W	64.7
May	69.2	69.2	60.0	61.1	W	60.6	82.5	82.5	W	W	-	58.8

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	89.3	88.6	74.0	61.6	52.2	70.9	76.9	76.0	67.5	56.2	48.6	63.7
April	87.4	87.2	74.5	62.2	55.9	71.6	74.6	74.0	67.5	57.0	52.1	64.2
May	89.4	89.3	W	63.7	-	70.7	77.0	77.0	W	61.2	W	64.7

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	2.7	2.8	5.5	2.7	0.5	8.7	0.4	0.5	1.2	W	W	1.6
April	1.2	1.2	4.2	2.1	0.3	6.6	0.3	0.3	1.2	W	W	1.6
May	0.6	0.6	W	0.5	W	0.9	0.1	0.1	W	W	-	0.1

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	17.6	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	1.2	1.2	4.7	W	W	6.0	4.3	4.5	11.5	4.1	0.8	16.3
April	0.7	0.7	4.4	W	W	5.7	2.1	2.2	9.8	3.5	0.5	13.9
May	0.3	0.3	W	W	-	0.8	0.9	0.9	W	0.7	W	1.8

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 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	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-

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	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-

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	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-

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	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-

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	91.9	76.8	66.5	72.7	28.8	67.3	82.1	33.3
April	92.4	76.2	68.1	73.8	29.6	69.0	81.0	31.9
May	93.7	75.9	68.1	76.2	30.3	72.1	77.6	32.4

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	
1983	107.8	86.3	88.3	94.3	89.7	93.3	81.8
1984	109.1	85.7	87.0	92.0	89.2	92.6	81.9
1985	108.3	82.1	83.4	88.6	85.3	89.0	78.1
1986	83.6	51.4	53.7	59.8	56.9	61.4	48.0
1987	80.3	56.6	59.7	64.4	63.1	64.3	53.5
1988	81.3	51.9	54.2	61.6	58.7	61.2	48.2
1989	90.0	60.8	63.8	68.5	66.7	69.5	57.2
1990	106.3	75.1	78.0	85.2	82.8	84.1	70.6
1991	101.9	67.5	69.7	74.5	73.8	76.0	62.7
1992							
January	94.2	58.9	60.9	67.9	65.3	72.7	52.8
February	94.2	60.7	62.7	67.3	66.5	73.0	54.9
March	93.2	59.8	62.5	67.4	67.5	71.1	54.6
April	92.5	61.5	65.5	69.5	69.9	70.3	57.5
May	92.3	63.8	67.9	72.0	73.3	70.9	60.1
June	92.0	66.0	70.4	74.2	74.4	72.0	62.7
July	90.4	65.4	69.9	74.6	73.5	71.3	62.1
August	88.6	64.4	68.8	73.8	73.1	70.5	60.9
September	90.1	66.9	70.9	74.3	75.5	73.1	63.5
October	93.7	68.8	72.7	76.2	77.5	76.1	65.5
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	58.7
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	65.4	69.9	52.6
April	87.9	57.8	62.9	67.2	66.3	66.1	52.1
May	85.8	57.3	62.6	66.4	65.4	64.1	51.7

^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	66.0	62.4	53.8
April	56.9	63.2	67.2	66.8	62.4	53.3
May	56.9	62.9	66.4	65.9	62.0	52.7

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	Average		Commercial/ Institutional Consumers	Industrial Consumers	Other End Users ^a	Average	
1993											
January	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-
October	69.9	76.7	78.3	80.3	75.4	66.9	63.7	70.4	74.6	68.2	62.0
November	64.7	71.9	75.1	74.6	71.0	60.3	60.8	65.6	71.4	64.8	56.4
December	54.4	61.8	66.1	63.7	61.0	48.0	52.9	58.1	64.3	56.8	46.9
1993	-	-	-	-	-	-	-	-	-	-	-
1994											
January	56.3	62.6	64.2	63.6	61.1	50.7	53.3	59.2	63.8	57.6	48.7
February	59.8	66.0	67.5	66.3	64.2	54.3	55.2	62.6	64.3	59.4	52.0
March	59.3	65.3	67.4	66.7	64.1	54.6	53.7	61.5	65.0	58.3	50.6
April	58.7	64.7	67.2	66.6	63.9	53.9	54.3	61.6	67.0	59.2	50.8
May	58.1	64.7	66.4	66.1	63.2	53.1	54.9	61.1	65.7	59.4	51.4

Dash (-) = No data reported.

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

Year Month	U.S. Average	PAD District I								
		Average	CT	ME	MA	NH	RI	VT	DE	DC
1978	49.0	—	50.1	48.6	48.8	50.3	50.7	50.8	47.8	50.7
1979	70.4	—	72.0	68.8	70.9	72.5	72.8	72.5	68.2	74.2
1980	97.4	—	98.3	96.3	97.8	100.4	101.1	101.5	95.4	102.6
1981	119.4	—	121.7	120.4	121.3	123.7	123.8	125.4	117.3	127.4
1982	116.0	—	118.3	115.5	117.6	117.4	120.1	120.1	111.3	124.5
1983	107.8	109.0	109.1	102.8	109.1	104.1	110.5	112.9	106.0	117.0
1984	109.1	111.3	112.1	103.9	111.6	108.4	111.4	111.9	109.6	118.7
1985	105.3	106.8	108.0	99.7	107.0	102.4	106.7	107.7	104.6	114.3
1986	83.6	86.2	89.0	74.4	82.1	75.9	82.8	86.6	85.0	93.1
1987	80.3	81.4	83.4	74.7	80.6	76.5	82.5	81.1	79.3	91.8
1988	81.3	82.7	85.3	77.7	82.1	78.2	83.6	82.6	80.1	91.6
1989	90.0	91.7	92.9	89.4	92.6	89.3	93.9	90.5	88.2	98.6
1990	106.3	108.1	109.8	98.9	108.4	102.8	108.6	107.0	105.8	107.8
1991	101.9	104.1	106.2	96.0	103.0	91.6	99.9	101.9	99.7	112.2
1992										
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	92.6	92.1	85.9	88.5	83.2	90.0	90.8	91.1	102.0
April	87.9	88.9	89.4	80.8	86.3	78.0	85.6	88.2	89.1	93.7
May	85.8	86.4	85.4	77.4	85.0	75.3	84.7	86.5	86.4	83.6

See footnotes at end of table.

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

Year Month	PAD District I (Continued)						PAD District II			
	MD	NJ	NY	PA	VA	WV	Average	IL	IN	MI
1978	49.2	49.6	50.1	48.8	49.1	46.2	—	48.5	48.5	47.9
1979	70.1	71.0	71.2	69.8	70.4	65.1	—	68.8	72.7	70.9
1980	97.9	97.9	98.2	96.4	98.5	92.2	—	95.8	99.6	97.8
1981	121.4	121.5	123.2	118.1	120.5	115.0	—	114.9	118.5	118.3
1982	117.1	117.4	120.5	113.7	117.7	109.3	—	110.9	114.3	113.9
1983	110.3	107.9	112.1	105.8	108.7	101.0	102.0	100.4	100.7	106.4
1984	113.5	111.0	115.5	107.9	110.5	102.1	101.7	100.1	103.1	105.0
1985	108.8	105.9	111.3	102.3	106.3	98.0	99.4	97.5	99.1	102.1
1986	91.4	90.2	91.1	81.4	86.6	74.6	72.7	NA	74.8	81.0
1987	86.6	84.3	85.2	76.9	79.5	76.4	74.8	79.8	75.4	77.5
1988	87.0	84.8	86.3	77.8	80.5	74.2	74.3	77.6	75.4	77.5
1989	93.8	91.8	95.8	85.1	87.0	83.0	81.9	80.9	83.2	85.3
1990	111.9	108.8	112.5	102.6	110.6	99.1	97.8	96.1	99.3	100.9
1991	108.4	104.0	111.3	99.7	101.1	93.4	90.8	92.7	91.8	94.2
1992										
January	101.6	95.6	103.4	91.4	94.3	85.5	80.6	85.2	77.8	86.6
February	100.9	95.1	103.8	91.5	93.7	86.9	81.1	85.6	78.7	86.5
March	100.3	93.5	102.1	90.1	93.7	86.6	81.2	88.1	79.5	86.6
April	99.0	92.9	101.1	89.4	92.6	85.6	82.1	88.4	80.2	86.7
May	97.2	89.2	101.1	88.6	91.7	84.2	82.7	89.0	81.2	86.4
June	97.6	90.4	101.7	86.5	89.6	86.5	83.0	90.8	79.6	86.1
July	95.7	90.3	100.7	83.0	90.2	82.3	82.7	87.9	82.4	85.0
August	95.2	88.1	99.0	81.7	88.4	81.4	82.6	86.4	83.1	85.7
September	95.7	90.8	99.7	84.4	89.4	85.4	85.0	88.9	84.8	88.2
October	98.8	94.0	102.7	87.5	91.9	88.3	86.4	90.8	85.8	90.0
November	100.4	94.6	104.7	89.6	92.1	88.0	85.1	90.4	82.7	88.2
December	100.4	95.4	104.3	89.3	93.3	89.0	84.0	88.2	81.8	87.9
1992	100.0	93.9	102.8	89.0	92.8	86.4	82.9	87.7	81.2	87.2
1993										
January	100.5	96.5	104.3	89.0	92.4	88.3	83.3	87.2	81.8	88.3
February	101.3	96.7	104.2	89.1	93.5	88.6	84.0	88.2	82.3	87.6
March	101.7	96.2	104.2	89.8	94.2	89.9	85.4	90.0	83.1	90.1
April	99.2	95.1	100.1	89.0	90.3	86.9	85.6	NA	84.9	90.8
May	96.2	91.6	99.3	86.6	88.6	84.8	85.3	84.8	83.6	89.8
June	95.2	88.0	97.8	84.0	86.0	86.7	83.8	81.2	82.1	87.4
July	92.3	87.9	95.2	78.8	84.7	81.2	81.5	79.4	79.0	83.4
August	91.3	85.7	92.9	77.0	84.0	79.1	79.2	77.2	76.6	82.1
September	92.6	85.9	93.5	80.4	84.9	79.2	82.2	80.9	80.3	85.5
October	94.1	89.7	95.7	83.2	84.8	83.3	85.4	86.6	82.7	89.2
November	95.4	89.5	95.7	84.0	84.0	83.4	83.6	82.5	81.3	86.3
December	94.7	87.6	93.8	84.1	86.1	83.8	79.4	77.8	78.1	82.5
1993	98.1	92.5	99.9	86.2	89.3	85.0	83.2	84.1	81.3	87.2
1994										
January	98.4	91.7	97.3	87.7	88.6	86.3	80.3	77.6	79.1	85.6
February	99.2	96.0	100.9	92.6	88.6	86.4	82.0	81.6	81.9	88.0
March	96.6	94.6	99.6	90.4	86.6	85.1	81.7	77.4	80.7	87.8
April	92.3	90.4	95.5	86.2	83.1	78.1	80.8	74.7	81.4	87.7
May	87.1	85.1	95.1	83.6	82.4	74.8	80.1	74.4	80.5	86.9

See footnotes at end of table.

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

(Cents per Gallon Excluding Taxes) — Continued

Year Month	PAD District II (Continued)			PAD District III Average	PAD District IV		PAD District V			
	MN	OH	WI		Average	ID	Average	AK	OR	WA
1978	47.8	47.4	44.7	-	-	43.6	-	53.2	45.8	48.6
1979	72.4	68.6	67.3	-	-	62.1	-	68.2	68.0	69.7
1980	99.9	91.9	91.5	-	-	91.6	-	97.8	97.3	100.8
1981	118.4	113.2	109.1	-	-	110.4	-	118.0	111.4	116.5
1982	115.1	110.2	107.8	-	-	110.4	-	117.4	111.6	117.6
1983	103.1	101.3	101.2	87.4	94.2	101.8	106.4	108.8	103.6	109.0
1984	104.1	102.1	101.0	97.9	96.8	98.5	101.5	106.9	99.3	102.6
1985	101.9	99.7	98.3	92.5	96.1	97.2	100.9	108.3	97.1	101.1
1986	79.2	77.7	75.6	67.4	70.6	73.8	78.1	94.9	70.4	77.5
1987	74.6	74.7	75.1	63.7	69.6	68.8	77.8	86.5	72.5	79.5
1988	73.5	74.7	73.9	62.8	69.1	68.8	76.9	86.9	70.9	78.5
1989	82.4	81.6	81.1	70.7	78.6	77.8	86.6	96.4	80.2	87.4
1990	101.4	98.1	94.2	85.5	97.0	97.4	102.6	110.1	97.0	102.9
1991	91.1	91.0	89.5	78.7	92.4	95.1	99.6	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	82.5	75.0	76.1	77.2	93.1	89.3	88.4	96.9
April	80.1	81.3	81.5	72.3	75.8	76.1	92.6	88.6	88.1	97.3
May	79.6	77.1	80.5	NA	77.6	76.8	91.7	90.0	87.2	95.1

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	30.6	29.2	34.0	31.4
1992						
January	35.7	30.3	24.7	21.1	28.8	24.4
February	36.2	32.7	23.6	20.9	27.7	25.7
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	39.9	30.0	29.5	24.3	32.9	27.5
April	35.2	29.4	29.5	25.8	31.1	27.6
May	35.9	31.7	31.3	27.3	33.0	29.6

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-430, "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	5.0	8.6	10.1	6.8	15.1	15.4
April	3.6	6.1	8.9	6.1	12.5	12.2
May	3.9	6.5	6.7	6.1	10.6	12.6

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	22.85	22.66	W	37.46	36.92	30.12	35.78	35.91	34.20	34.98	23.54	30.60
1981	31.77	33.71	35.22	W	36.03	35.63	35.63	36.03	36.07	35.80	35.90	35.74	35.32
1982	28.52	30.43	31.77	30.91	30.77	29.98	31.65	31.69	31.66	30.79	31.19	31.80	30.98
1983	26.19	28.00	28.32	28.19	28.28	27.27	29.17	29.12	29.06	28.45	28.60	28.93	28.58
1984	25.88	27.59	27.76	27.70	27.71	26.90	28.62	28.76	28.72	27.99	28.24	28.54	27.83
1985	24.09	25.74	25.88	25.19	25.05	24.35	25.94	26.90	26.92	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	16.58	17.42	17.53	17.49	17.37	17.19	17.63	17.08
1988	12.58	13.97	14.21	W	15.26	14.35	14.65	14.79	14.78	14.55	14.58	14.92	14.08
1989	15.86	17.13	17.16	W	18.15	17.18	18.04	18.36	18.37	18.18	18.36	18.06	17.36
1990	20.03	21.57	22.06	23.32	23.00	22.16	22.88	23.36	23.46	23.21	23.20	22.92	21.94
1991	16.54	18.16	19.01	19.67	19.48	W	19.58	20.19	20.20	19.84	19.84	19.88	18.78
1992													
January	13.99	15.55	16.51	16.88	17.10	16.22	16.95	17.65	17.62	16.94	17.17	17.28	16.18
February	14.04	15.61	16.73	W	17.32	16.27	17.06	17.66	17.74	16.99	17.32	17.48	16.19
March	14.12	15.55	16.54	W	17.13	16.09	16.99	17.62	17.68	16.91	17.30	17.36	16.08
April	15.36	16.83	17.95	W	18.16	17.43	18.31	18.93	19.02	18.16	18.52	18.60	17.19
May	16.38	17.79	18.85	W	19.24	18.28	19.08	19.75	19.77	18.95	19.39	19.40	17.92
June	17.96	19.44	20.53	W	20.67	19.87	20.48	21.07	21.11	20.28	20.78	20.79	19.22
July	17.80	18.98	19.49	W	19.86	18.77	19.81	20.43	20.54	19.60	19.97	20.20	18.58
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	13.04	12.01	12.77	12.85	10.88
April	12.33	13.43	15.05	14.20	14.69	14.31	14.12	14.87	14.78	13.83	14.49	14.52	12.67
May	14.03	15.14	16.58	15.58	16.00	15.56	15.94	16.70	16.57	15.57	16.17	16.38	14.52

See footnotes at end of table.

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

Year Month	PAD District II (Continued)				PAD District III							Federal Offshore Gulf
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	
1978	9.75	13.80	11.30	12.16	9.37	10.52	10.63	9.03	7.91	10.17	9.29	9.66
1979	13.64	22.79	17.53	15.35	12.33	11.97	14.72	11.42	10.74	14.33	12.65	11.23
1980	26.42	36.64	29.25	28.81	21.24	20.57	24.17	19.87	20.85	24.06	21.84	18.87
1981	35.63	36.11	35.43	35.55	35.00	35.80	33.69	35.45	30.47	35.04	35.06	35.07
1982	31.89	30.90	32.04	31.63	31.92	32.32	30.12	32.44	29.04	31.82	31.77	32.61
1983	29.27	28.14	29.67	29.10	29.45	30.07	28.28	30.02	26.76	29.26	29.35	29.77
1984	28.39	27.71	29.11	28.36	29.03	29.39	28.15	29.67	27.26	28.69	28.67	29.36
1985	25.32	25.11	26.28	25.79	26.91	25.77	25.79	27.22	25.51	26.84	26.80	27.33
1986	13.54	15.51	14.47	13.81	14.89	13.91	14.54	15.32	13.63	14.93	14.73	15.27
1987	16.76	17.42	17.62	16.96	17.57	16.80	17.23	17.97	16.78	17.57	17.55	17.54
1988	13.85	15.19	14.86	14.04	14.75	13.86	14.41	15.22	13.98	14.78	14.71	14.71
1989	17.12	18.06	18.23	17.33	17.86	17.27	17.34	18.39	17.00	17.66	17.81	17.83
1990	21.94	23.09	22.95	22.32	22.42	22.09	21.56	23.04	21.06	22.44	22.37	22.40
1991	18.80	19.59	19.59	19.21	19.23	19.05	18.06	20.14	17.65	19.35	19.04	19.41
1992												
January	16.26	17.12	17.01	16.36	16.64	16.43	15.69	17.58	14.93	16.77	16.51	16.64
February	16.43	17.25	17.16	16.70	16.76	16.55	15.92	17.60	15.10	16.86	16.71	16.62
March	16.32	17.05	17.11	16.48	16.68	16.68	15.75	17.49	15.08	16.92	16.61	16.57
April	17.72	18.14	18.48	17.93	18.08	17.94	17.00	18.86	16.46	18.31	18.06	17.87
May	18.39	19.25	19.24	18.71	18.86	18.72	17.77	19.69	17.26	19.13	18.76	18.79
June	19.86	20.67	20.65	20.12	20.29	20.15	19.15	21.09	18.54	20.53	20.21	20.23
July	19.21	19.71	20.00	19.45	19.71	19.56	18.48	20.50	17.88	19.93	19.61	19.71
August	18.85	19.41	19.53	19.16	19.14	18.78	18.02	19.72	17.35	19.25	19.07	19.27
September	19.40	19.93	20.08	19.47	19.66	19.19	18.65	20.00	17.97	19.77	19.59	19.88
October	19.21	20.33	19.77	19.23	19.47	19.26	18.39	19.70	17.83	19.61	19.44	19.59
November	17.92	20.03	18.53	17.84	18.10	18.26	17.13	18.35	16.53	18.32	18.07	18.16
December	16.93	18.79	17.65	17.11	17.23	17.41	16.19	17.57	15.58	17.39	17.19	17.27
1992	18.02	18.96	18.74	18.19	18.37	18.22	17.33	19.00	16.70	18.55	18.32	18.35
1993												
January	16.56	18.22	17.16	16.78	16.88	17.16	15.78	17.16	15.30	17.09	16.84	16.95
February	17.39	18.32	18.20	17.74	17.83	17.78	16.75	18.07	16.28	18.07	17.81	17.85
March	17.68	18.88	18.39	17.82	18.05	17.88	16.96	18.25	16.47	18.33	18.05	18.06
April	17.56	19.08	18.27	17.60	17.96	17.77	16.87	18.16	16.35	18.13	17.96	17.99
May	16.95	18.82	17.97	17.02	17.61	17.38	16.50	17.74	15.85	17.81	17.59	17.73
June	15.82	17.98	17.00	15.72	16.68	16.83	15.46	16.78	14.98	16.97	16.70	16.67
July	14.59	17.03	15.78	14.43	15.47	15.10	14.21	15.51	13.81	15.58	15.51	15.53
August	14.63	16.68	15.90	14.50	15.58	15.49	14.71	15.68	13.96	15.71	15.58	15.66
September	14.06	16.58	15.39	13.92	15.02	14.81	13.96	15.15	13.54	15.29	15.03	15.04
October	14.87	17.36	15.99	14.81	15.76	16.03	14.47	16.44	14.55	15.99	15.73	15.58
November	13.43	15.91	14.66	13.42	14.47	14.55	13.31	15.07	13.19	14.85	14.36	14.48
December	11.20	14.41	12.45	11.12	12.35	12.26	10.94	12.92	10.92	12.61	12.23	12.46
1993	15.42	17.44	16.47	15.38	16.15	15.99	15.02	16.46	14.61	16.36	16.14	16.15
1994												
January	11.73	14.33	13.07	11.64	12.69	12.79	11.49	13.38	11.40	13.00	12.66	12.49
February	11.50	14.46	12.74	11.41	12.52	12.48	11.42	13.11	11.23	12.86	12.50	12.35
March	11.36	14.52	12.60	11.41	12.50	12.51	11.23	13.16	11.13	12.71	12.46	12.38
April	12.98	14.58	14.43	13.24	14.14	14.19	12.88	14.80	12.67	14.32	14.14	13.98
May	15.06	15.88	16.26	15.30	15.90	16.00	14.62	16.62	14.37	16.12	15.88	15.74

See footnotes at end of table.

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

Year Month	PAD District IV					PAD District V				
	Average	CO	MT	UT	WY	Average	AK North Slope	AK Other	CA	Federal Offshore California
1978	9.50	10.84	9.04	9.98	9.16	6.60	5.21	5.45	8.58	6.10
1979	11.98	13.28	12.03	11.41	11.73	11.17	10.57	6.22	12.78	8.06
1980	21.29	22.91	20.53	19.79	21.34	19.09	16.87	10.25	23.87	16.28
1981	33.38	35.69	34.69	34.14	32.30	24.79	23.23	30.15	26.80	24.56
1982	30.14	31.56	31.25	30.50	29.37	21.84	19.92	27.74	24.58	23.37
1983	27.81	28.92	28.80	28.12	27.19	19.66	17.69	23.59	22.61	20.54
1984	27.18	28.09	28.07	27.21	26.73	19.52	17.91	24.37	22.09	20.41
1985	24.78	25.64	25.29	23.98	24.67	19.11	16.98	22.46	22.14	20.08
1986	13.24	13.98	13.58	13.33	12.94	8.53	6.45	13.13	11.90	9.48
1987	16.77	17.71	16.57	17.22	16.45	11.89	10.83	15.48	13.92	11.82
1988	13.85	14.83	13.84	14.24	13.47	9.28	8.43	12.92	10.97	9.41
1989	17.37	18.86	17.03	18.63	16.73	12.71	12.00	16.17	14.06	12.64
1990	21.68	23.16	21.61	22.61	21.04	16.15	15.23	21.16	17.81	16.21
1991	18.21	19.95	18.17	19.99	17.33	12.30	11.57	15.36	13.72	11.33
1992										
January	15.47	17.33	15.43	17.41	14.57	9.87	9.29	11.56	11.18	8.52
February	15.67	17.46	15.51	17.63	14.78	9.89	9.40	12.52	11.03	8.09
March	15.58	17.46	15.44	17.63	14.66	10.19	9.84	13.20	10.97	8.27
April	16.95	18.80	16.76	19.22	15.99	11.16	10.82	14.75	11.91	9.07
May	17.69	19.49	17.49	19.74	16.77	12.58	12.03	16.21	13.70	10.90
June	19.14	20.87	18.78	21.38	18.23	14.35	13.40	18.53	16.19	13.63
July	18.53	20.19	18.26	20.74	17.66	14.87	14.06	18.47	16.52	13.44
August	18.10	19.71	17.84	20.19	17.28	13.90	13.23	17.16	15.19	12.82
September	18.61	20.31	18.36	20.84	17.73	13.48	12.90	16.61	14.70	12.03
October	18.39	20.11	18.19	20.62	17.51	13.65	13.03	17.12	14.93	11.87
November	17.06	18.82	16.86	19.22	16.21	12.81	12.29	16.25	13.89	11.01
December	16.16	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	10.76	10.47	13.00	11.53	8.58
September	14.22	15.51	13.50	16.25	13.57	10.77	10.55	12.75	11.40	8.46
October	14.94	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	10.85	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	11.61	12.78	10.75	13.73	11.04	8.28	7.49	11.66	9.93	7.69
April	13.21	14.44	12.38	15.39	12.59	9.52	8.83	13.35	10.87	8.41
May	15.10	16.23	14.24	17.13	14.53	11.25	10.71	15.29	12.48	9.58

W = Withheld to avoid disclosure of individual company data.

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

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

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

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

Year Month	Alaska North Slope	California Midway- Sunset	California Kern River	California Wilmington	Louisiana South Mix	North Dakota Sweet	West Texas Intermediate	West Texas Sour	Wyoming Sour
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	11.68	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	9.16
April	8.83	10.21	10.28	11.40	14.91	13.38	14.76	13.24	10.87
May	10.71	11.50	11.70	12.82	16.69	15.52	16.49	15.01	12.73

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	10.10	7.50	12.24	12.23	13.01
April	10.58	11.72	8.85	13.86	13.75	14.71
May	11.97	13.53	10.73	15.64	15.69	16.47

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	14.05	12.70	13.82	12.38	13.35	13.28	13.31
1979	20.53	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	28.87	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	15.08	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	W	17.06	15.26	19.98	15.85	19.61	14.39	17.65	16.50	16.87
1992										
January	W	W	12.45	18.58	W	-	12.32	15.44	14.07	14.50
February	W	W	12.40	18.28	14.61	W	12.53	16.04	15.35	15.04
March	-	W	12.68	18.10	14.87	W	12.45	16.01	15.20	15.28
April	W	16.23	14.11	19.59	W	W	14.38	17.10	17.26	17.25
May	W	W	16.05	20.47	17.61	W	15.03	18.35	18.13	17.83
June	W	W	17.09	21.42	W	20.14	15.33	19.20	17.95	18.44
July	W	W	16.88	20.83	17.60	W	15.10	18.74	18.20	18.09
August	W	W	16.36	20.33	W	20.00	15.38	18.43	17.99	17.69
September	-	W	16.88	20.84	16.69	20.20	16.21	18.65	17.11	18.01
October	-	W	16.90	20.76	W	W	15.40	18.70	15.89	17.42
November	-	W	15.78	20.00	14.62	19.82	13.82	17.57	15.12	15.97
December	W	W	14.79	18.42	15.62	W	13.38	16.13	15.91	15.60
1992	W	17.06	15.26	19.98	15.85	19.61	14.39	17.65	16.50	16.87
1993	W	17.16	13.74	17.78	14.27	16.62	12.46	15.20	14.62	14.84
1993										
January	-	W	14.14	17.95	15.55	18.29	12.99	15.17	15.60	15.62
February	-	W	14.64	19.06	16.17	18.13	13.68	16.51	16.39	16.49
March	W	W	15.17	19.33	16.45	18.51	14.22	16.85	16.83	16.92
April	-	W	15.04	19.19	16.03	18.36	14.52	16.90	16.24	16.59
May	-	19.14	15.15	18.92	14.54	18.29	13.89	16.73	15.03	16.32
June	-	W	14.06	18.01	W	17.15	12.47	15.89	14.29	14.94
July	W	16.48	13.09	17.46	W	16.07	11.96	14.96	13.56	14.18
August	-	17.74	13.20	17.42	W	16.73	12.56	14.68	14.40	14.24
September	W	W	13.50	16.72	W	16.06	12.72	14.29	13.97	14.37
October	W	W	13.76	17.02	12.88	16.31	11.87	14.88	14.03	13.94
November	W	W	12.24	15.80	10.58	15.29	9.97	13.87	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	W	W	11.30	14.88	11.02	W	10.87	12.26	11.45	12.42
January	W	14.46	11.43	14.00	11.38	W	10.35	12.19	11.31	11.81
February	W	W	11.64	14.27	12.61	13.68	11.00	12.27	12.24	12.23
March	W	13.28	12.86	15.65	13.49	W	11.81	13.68	13.45	13.58
April	-	W	13.67	16.69	14.07	15.71	12.87	15.10	14.08	14.53
May	-	W	13.67	16.69	14.07	15.71	12.87	15.10	14.08	14.53

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.

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

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

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

Year Month	Selected Countries									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	13.56	14.88	13.94	14.53	12.84	14.58	14.36	14.34
1979	21.88	20.22	20.63	20.77	22.97	18.95	22.97	17.65	22.86	20.79	21.29
1980	37.92	30.11	33.92	31.77	37.15	29.80	35.68	25.92	36.15	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	26.56	30.87	26.85	30.36	29.20	28.45	25.19	29.21	29.10	29.06
1985	27.51	25.71	28.67	25.63	28.96	24.72	28.36	24.43	27.33	25.90	26.66
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	15.82	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	19.64	23.33	21.82	22.65	20.31	20.52	20.64	21.23
1991	W	17.16	20.20	15.89	21.39	17.22	21.37	15.92	19.73	17.45	18.08
1992	W	14.83	W	13.02	19.34	14.81	W	13.20	17.46	15.16	15.38
January	W	15.57	W	12.78	19.10	15.61	W	13.47	17.64	15.85	15.87
February	W	15.68	W	13.06	19.05	16.05	18.83	13.41	17.44	16.14	16.29
March	W	16.42	17.76	14.40	20.32	18.01	18.97	15.06	18.10	18.11	18.07
April	W	17.35	17.66	16.39	21.25	18.62	19.99	15.73	19.58	18.80	18.65
May	W	18.40	19.60	17.41	22.11	19.49	20.85	16.01	20.93	19.60	19.57
June	W	18.50	21.06	17.20	21.49	19.00	21.45	15.78	20.49	19.15	19.06
July	W	18.28	21.26	16.74	21.05	18.45	21.37	16.10	20.10	18.79	18.70
August	W	18.35	W	17.34	21.57	18.45	20.72	16.89	20.12	18.51	18.83
September	W	18.35	W	17.26	21.60	17.96	21.17	16.14	20.09	18.08	18.56
October	W	17.26	W	16.18	20.79	17.02	21.00	14.51	19.25	17.05	17.28
November	W	15.85	W	15.12	19.32	16.64	19.46	14.07	17.80	16.69	16.62
December	W	17.04	18.76	15.60	20.78	17.48	20.63	15.13	19.25	17.63	17.81
1992	W	15.27	W	14.50	18.96	16.36	19.12	14.07	17.21	16.39	16.64
January	W	15.84	W	14.98	19.92	17.29	19.28	14.60	18.17	17.29	17.43
February	W	16.48	W	15.50	20.25	17.56	19.43	15.14	18.43	17.63	17.83
March	W	16.79	19.89	15.55	20.18	17.56	19.32	15.54	18.48	17.55	17.77
April	W	16.82	20.57	15.57	19.79	16.64	19.33	14.91	18.41	16.79	17.30
May	W	16.25	W	14.50	18.93	15.72	18.67	13.53	17.44	15.86	16.03
June	W	15.30	17.86	13.44	18.31	14.94	17.51	12.92	16.44	14.96	15.30
July	W	14.94	19.28	13.66	18.08	15.11	17.56	13.32	16.01	15.11	15.24
August	W	14.56	W	13.81	17.62	14.62	17.04	13.46	15.56	14.56	14.96
September	W	15.14	W	14.11	17.96	14.46	16.67	12.70	15.71	14.60	14.81
October	W	14.28	W	12.60	16.70	12.89	16.57	10.81	14.71	13.03	13.25
November	W	12.44	15.72	11.39	15.08	11.61	15.16	10.14	12.77	11.56	11.98
December	W	15.27	18.47	14.10	18.72	15.42	17.91	13.39	16.45	15.31	15.69
1993	W	12.05	W	11.65	15.56	11.84	14.98	11.72	13.47	11.96	12.90
January	W	12.05	16.14	11.70	14.67	12.12	15.40	11.12	13.51	12.01	12.45
February	W	11.92	W	11.91	15.11	12.90	14.67	11.78	13.22	12.49	12.84
March	W	13.43	14.82	13.21	16.44	13.80	15.31	12.72	15.02	13.78	14.29
April	W	15.42	16.66	14.08	17.36	15.16	16.17	13.59	16.21	15.11	15.39
May	W	12.05	W	11.65	15.56	11.84	14.98	11.72	13.47	11.96	12.90
June	W	12.05	16.14	11.70	14.67	12.12	15.40	11.12	13.51	12.01	12.45
July	W	11.92	W	11.91	15.11	12.90	14.67	11.78	13.22	12.49	12.84
August	W	13.43	14.82	13.21	16.44	13.80	15.31	12.72	15.02	13.78	14.29
September	W	15.42	16.66	14.08	17.36	15.16	16.17	13.59	16.21	15.11	15.39
October	W	12.05	W	11.65	15.56	11.84	14.98	11.72	13.47	11.96	12.90
November	W	12.05	16.14	11.70	14.67	12.12	15.40	11.12	13.51	12.01	12.45
December	W	11.92	W	11.91	15.11	12.90	14.67	11.78	13.22	12.49	12.84

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	28.76	30.72	30.31	34.33	35.39	36.13
1981	26.70	31.20	33.61	34.38	36.85	38.42	38.59
1982	23.08	25.82	31.48	33.56	34.29	34.82	34.48
1983	21.77	24.27	27.38	29.04	29.74	30.10	30.12
1984	24.10	25.31	27.22	28.55	29.18	29.40	28.02
1985	23.45	24.27	24.86	26.46	27.43	27.79	26.90
1986	10.51	10.96	12.25	12.83	13.83	14.19	13.76
1987	15.21	15.37	15.76	17.24	17.99	18.03	17.37
1988	11.92	11.65	12.48	13.82	14.38	14.89	15.25
1989	14.00	14.89	16.95	17.50	18.09	18.23	18.05
1990	15.98	18.00	20.54	20.77	22.19	22.78	22.28
1991	11.91	13.72	16.33	17.67	20.15	19.69	20.85
1992							
January	9.20	11.12	14.14	16.15	17.83	18.11	W
February	9.35	11.10	14.02	16.26	18.05	17.82	W
March	9.51	11.70	15.02	16.69	17.79	17.85	W
April	10.21	13.26	16.74	18.34	19.04	19.22	19.43
May	11.30	14.73	17.91	19.12	19.85	20.32	20.23
June	13.09	15.69	18.58	19.71	20.97	21.76	W
July	12.13	15.49	18.34	19.32	20.42	20.83	20.93
August	12.95	15.28	17.94	18.58	20.00	20.02	21.46
September	13.53	15.55	18.05	18.56	20.46	20.61	W
October	13.46	15.46	17.75	18.74	20.46	20.30	W
November	12.51	13.74	15.84	17.41	19.28	19.82	20.41
December	12.58	12.87	15.24	16.76	18.28	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	12.61	13.79	14.15	14.30
March	9.56	10.13	12.30	13.01	13.82	14.04	13.70
April	10.68	11.47	14.24	14.17	15.22	W	15.24
May	11.45	12.33	14.87	15.40	16.15	15.69	W

W = Withheld to avoid disclosure of individual company data.

^a Free on Board. See Glossary.

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

Year Month	20.0 or Less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or Greater
1978	12.75	13.11	13.76	14.10	14.69	14.87	15.16
1979	15.57	20.05	20.88	21.01	22.61	23.06	21.23
1980	24.54	29.65	31.83	31.73	35.81	36.85	37.57
1981	27.94	32.00	34.86	35.71	38.36	39.78	39.97
1982	24.17	26.46	32.62	34.76	35.43	35.78	35.81
1983	23.17	24.95	28.62	30.25	30.96	31.28	31.27
1984	25.08	25.97	28.38	29.58	30.16	30.16	29.05
1985	24.33	24.65	26.17	27.10	28.29	28.39	27.73
1986	11.30	11.49	13.28	13.59	14.99	14.80	15.37
1987	16.14	15.87	17.21	18.16	18.72	18.89	18.57
1988	12.75	12.11	13.54	14.35	15.21	15.74	16.24
1989	14.90	15.42	17.59	17.87	18.74	19.05	19.13
1990	16.82	18.54	21.59	21.18	22.47	23.47	23.41
1991	13.06	14.41	17.17	18.65	20.86	20.88	22.15
1992	12.89	14.58	17.39	18.50	20.11	20.55	20.95
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	16.86	18.03	20.16	20.41	20.56
December	13.48	13.47	16.06	17.50	18.74	19.41	19.57
1992	12.89	14.58	17.39	18.50	20.11	20.55	20.95
1993	12.44	12.96	15.73	16.09	17.88	18.31	18.23
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	11.10	10.71	12.90	12.90	14.42	15.17	14.63
January	10.24	10.40	12.38	13.01	14.37	14.40	14.62
February	10.57	10.78	12.77	13.06	14.56	14.33	14.43
March	11.53	12.20	14.52	14.58	15.67	15.73	15.48
April	12.37	12.96	15.47	15.90	16.72	16.78	16.54
May							

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

Year Month	20.0 or Less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or Greater
1978	1.26	3.57	7.93	38.79	31.66	13.48	3.31
1979	1.65	3.96	8.45	38.98	30.64	13.36	2.96
1980	1.70	6.18	9.25	38.43	27.02	13.56	3.85
1981	2.19	8.88	9.46	37.37	26.60	12.53	2.98
1982	3.39	14.90	11.72	35.58	23.76	8.44	2.20
1983	3.91	20.40	15.14	24.95	23.63	7.74	4.23
1984	6.48	20.52	11.59	21.05	25.75	8.12	6.48
1985	7.62	20.46	11.19	27.14	24.93	4.02	4.65
1986	5.54	19.36	14.12	27.49	25.74	3.65	4.11
1987	4.04	19.68	16.88	26.91	24.79	3.87	3.85
1988	3.52	18.27	15.99	30.72	24.45	4.04	3.02
1989	2.55	14.39	16.80	36.27	23.79	3.55	2.64
1990	3.64	14.96	18.13	34.44	23.21	2.94	2.67
1991	3.76	16.02	20.79	34.84	20.94	2.11	1.55
1992							
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	4.46	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	17.13	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	28.63	23.43	2.50	1.46
April	3.89	19.25	19.05	34.08	20.21	2.46	1.06
May	4.07	17.82	20.13	30.66	22.47	3.42	1.44
June	5.18	18.48	19.05	32.31	22.24	1.56	1.17
July	4.29	20.18	22.37	29.86	20.49	1.55	1.26
August	5.99	21.29	18.91	27.30	23.42	1.69	1.40
September	4.68	19.59	18.68	31.58	21.54	1.90	2.03
October	4.78	18.65	16.52	36.46	17.93	3.56	2.09
November	4.39	18.82	19.46	34.18	18.99	3.15	1.00
December	3.45	16.62	14.68	39.28	19.53	4.57	1.87
1993	4.53	18.82	19.22	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	2.30	22.19	18.40	28.82	22.11	4.35	1.83
March	2.84	19.68	18.92	31.75	23.12	2.25	1.44
April	3.91	21.08	21.24	31.08	19.30	1.54	1.85
May	3.04	16.77	19.07	31.62	26.55	2.28	0.66

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

Year Quarter Month	Algerian Condensate	Angolan Cabinda	Canadian Lloydminster	Cameroon Kole Marine	Ecuadorian Oriente	Mexican Isthmus	Mexican Mayan
1978 Average	W	13.32	—	W	12.87	13.24	—
1979 Average	W	20.35	—	W	27.59	20.29	21.50
1980 Average	35.81	33.24	W	35.92	34.51	32.78	28.73
1981 Average	38.38	35.55	W	37.51	32.66	36.23	30.82
1982 Average	32.58	31.86	W	33.73	32.36	32.50	25.29
1983 Average	29.86	28.14	24.54	29.03	28.22	29.41	23.99
1984 Average	27.77	27.58	24.70	28.56	28.16	29.00	25.35
1985 Average	26.57	26.30	23.79	26.86	26.12	27.25	24.23
1986 Average	13.25	13.39	12.77	13.64	13.32	13.88	10.93
1987 Average	16.66	17.31	15.12	W	16.53	17.94	15.72
1988 Average	W	14.52	11.28	14.28	12.96	14.23	11.26
1989 Average	W	17.15	W	17.46	16.26	W	14.71
1990 Average	W	W	18.50	W	W	23.39	17.29
1991 Average	W	W	13.51	W	16.04	18.55	13.02
1992 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	12.89	9.92
1st Quarter							
Average	W	13.31	W	—	12.33	12.89	9.91
April	W	14.40	W	—	W	14.52	11.39
May	—	W	W	—	W	15.80	12.24

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	25.68	21.36	17.33	15.83	21.92	W
1980 Average	35.57	37.71	35.86	27.79	26.14	33.13	18.56
1981 Average	38.64	38.19	37.72	32.62	31.42	36.22	W
1982 Average	35.18	35.58	34.04	34.08	31.10	33.55	19.00
1983 Average	30.31	30.07	29.73	29.22	26.30	30.30	19.31
1984 Average	29.82	29.67	29.17	29.11	26.52	29.25	22.24
1985 Average	28.23	W	W	23.70	W	27.88	21.94
1986 Average	14.07	14.02	16.23	11.79	11.00	14.07	9.44
1987 Average	18.32	18.45	18.25	14.46	14.85	18.37	15.75
1988 Average	15.39	15.33	14.58	12.98	11.68	14.40	12.29
1989 Average	18.42	18.58	17.80	18.28	W	18.38	12.27
1990 Average	23.47	22.67	W	21.72	19.13	29.33	12.15
1991 Average	21.10	20.46	20.39	16.83	13.25	22.17	8.49
1992 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	—	13.57	10.41	W	W
April	—	W	—	W	W	W	W
May	—	W	—	W	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	33.56	36.87	31.52
1982 Average	33.71	33.08	W	34.95	32.97	33.11	25.86
1983 Average	30.79	29.31	25.27	30.28	28.90	30.00	24.56
1984 Average	28.59	28.83	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	14.96	12.21	15.21	13.77	14.69	11.65
1989 Average	W	18.15	15.36	18.71	17.69	W	15.14
1990 Average	W	20.01	19.55	19.76	21.63	23.79	17.75
1991 Average	W	18.31	14.63	W	17.52	19.16	13.62
1992 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	13.44	10.33
1st Quarter							
Average	W	14.05	10.60	—	13.08	13.44	10.32
April	W	15.27	12.40	—	14.72	15.10	11.80
May	—	16.17	14.21	—	16.18	16.11	12.65

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 Boscan
1978 Average	14.97	15.04	14.68	14.04	13.32	—	W
1979 Average	23.19	27.11	22.64	19.18	17.68	23.26	W
1980 Average	37.02	38.58	36.91	29.57	28.16	34.57	20.34
1981 Average	40.01	39.25	38.70	34.32	33.02	37.58	W
1982 Average	36.26	36.45	34.70	35.65	32.64	34.53	20.32
1983 Average	31.44	31.06	30.79	30.95	28.12	31.26	20.69
1984 Average	30.71	30.46	29.99	30.61	28.10	29.89	23.20
1985 Average	29.14	28.98	28.16	25.35	23.69	28.49	22.85
1986 Average	14.89	15.00	15.07	13.06	12.17	14.64	10.42
1987 Average	19.39	19.26	18.96	17.88	16.20	18.71	16.85
1988 Average	16.06	16.02	15.45	14.04	12.80	15.84	13.23
1989 Average	19.34	19.38	18.67	17.96	16.56	18.83	13.16
1990 Average	24.29	23.21	21.53	22.49	21.46	24.40	13.43
1991 Average	22.27	21.57	21.66	18.49	15.28	21.65	10.17
1992 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	—	13.42	10.85	W	—
March	W	W	—	13.88	11.43	14.82	W
1st Quarter							
Average	14.98	15.10	—	13.46	11.04	15.14	W
April	W	16.42	—	14.89	12.85	15.01	W
May	W	W	—	16.09	14.38	16.17	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												
May 1994	66.6	66.5	61.3	54.9	50.3	56.5	75.1	74.5	66.7	58.8	NA	63.0
April 1994	64.9	64.7	59.8	53.6	49.1	55.2	73.4	72.9	65.4	57.8	NA	61.9
May 1993	75.7	75.5	-	-	-	66.4	83.8	83.1	-	-	-	72.5
PAD District I												
May 1994	63.8	63.5	59.9	53.5	50.7	55.6	74.2	73.5	65.8	58.0	W	62.2
April 1994	62.4	62.1	58.4	52.4	48.9	54.4	72.8	72.1	64.6	57.0	NA	61.1
May 1993	72.7	72.3	-	-	-	65.2	82.9	82.1	-	-	-	71.5
Subdistrict IA												
May 1994	67.8	67.2	61.2	54.6	49.2	55.8	79.0	77.4	67.0	58.8	-	63.4
April 1994	66.0	65.4	59.2	52.2	48.7	54.6	76.9	75.5	65.6	56.0	-	61.4
May 1993	76.0	75.1	-	-	-	65.0	85.1	83.6	-	-	-	70.8
Connecticut												
May 1994	67.0	66.4	61.6	54.6	W	55.9	79.4	77.1	67.0	58.6	-	63.3
April 1994	65.7	65.0	61.3	52.9	W	55.7	78.1	75.8	67.2	56.5	-	62.4
May 1993	76.5	75.5	-	-	-	64.2	86.7	84.2	-	-	-	69.9
Maine												
May 1994	74.0	73.4	61.5	56.5	W	57.9	83.8	82.6	66.4	60.5	-	62.2
April 1994	70.5	70.0	59.4	53.9	50.0	54.6	80.3	79.2	64.2	57.6	-	59.7
May 1993	79.3	78.4	-	-	-	62.9	87.7	86.3	-	-	-	67.1
Massachusetts												
May 1994	64.9	64.2	60.4	53.9	48.8	54.8	76.9	75.4	67.1	58.2	-	63.8
April 1994	63.3	62.7	57.6	51.3	47.1	53.6	75.0	73.6	65.1	55.0	-	61.0
May 1993	74.2	73.0	-	-	-	65.7	83.8	82.5	-	-	-	72.7
New Hampshire												
May 1994	69.0	68.9	61.4	53.9	-	59.1	80.6	80.0	66.4	57.0	-	64.4
April 1994	68.2	68.1	59.3	51.7	-	57.0	79.1	78.5	64.7	53.8	-	62.5
May 1993	77.6	77.1	-	-	-	67.7	87.4	86.5	-	-	-	72.9
Rhode Island												
May 1994	68.0	67.1	59.2	53.7	W	53.2	77.7	76.6	65.3	58.4	-	62.0
April 1994	65.8	64.8	56.3	51.7	W	51.9	75.3	74.4	62.6	55.5	-	59.0
May 1993	73.2	72.8	-	-	-	64.1	80.4	79.8	-	-	-	69.3
Vermont												
May 1994	73.5	72.6	65.9	56.5	-	63.7	82.7	79.9	71.4	60.6	-	69.2
April 1994	71.7	70.7	64.4	53.6	-	62.0	81.1	78.8	69.9	57.6	-	67.4
May 1993	80.0	79.1	-	-	-	70.3	88.6	86.4	-	-	-	76.7
Subdistrict IB												
May 1994	64.1	63.7	59.6	53.6	51.1	55.7	74.2	73.1	65.6	57.9	W	62.9
April 1994	62.5	61.9	57.6	51.4	48.2	53.7	72.3	71.1	63.8	55.5	NA	61.0
May 1993	71.7	71.4	-	-	-	64.6	81.0	80.0	-	-	-	71.2
Delaware												
May 1994	62.2	61.9	53.0	52.7	W	55.2	73.2	72.4	64.4	56.9	-	60.4
April 1994	59.1	59.0	56.2	49.7	W	52.2	65.7	65.6	62.7	53.5	-	57.9
May 1993	70.8	70.1	-	-	-	63.4	78.9	78.3	-	-	-	68.0
District of Columbia												
May 1994	W	56.9	62.1	W	-	61.1	W	61.0	66.9	W	-	66.2
April 1994	W	55.8	61.1	52.5	-	61.0	W	60.9	65.9	W	-	65.5
May 1993	W	67.7	-	-	-	69.5	W	73.8	-	-	-	75.3
Maryland												
May 1994	63.2	61.6	59.4	53.3	W	57.2	73.6	71.1	65.5	57.5	-	63.2
April 1994	61.4	58.8	57.7	51.2	W	55.6	71.6	69.1	64.0	55.1	W	61.8
May 1993	71.5	70.4	-	-	-	66.1	81.9	80.3	-	-	-	72.4
New Jersey												
May 1994	65.2	64.4	60.9	53.0	51.0	55.1	79.2	77.9	67.2	58.3	W	65.0
April 1994	64.8	64.0	58.8	51.8	47.6	53.3	79.1	77.7	65.2	56.5	W	62.7
May 1993	75.1	74.0	-	-	-	64.3	88.3	86.2	-	-	-	71.3
New York												
May 1994	65.4	64.8	59.5	54.3	50.8	56.4	75.0	73.4	65.5	58.6	-	63.3
April 1994	63.6	63.0	57.7	52.3	46.8	54.5	73.6	71.8	64.2	57.5	W	62.3
May 1993	72.8	72.3	-	-	-	64.7	82.2	80.5	-	-	-	72.4
Pennsylvania												
May 1994	62.8	62.8	58.7	53.4	51.3	55.0	72.7	72.4	64.3	57.7	W	61.2
April 1994	61.2	61.1	56.5	50.7	49.3	52.6	70.4	70.0	62.0	54.6	-	58.7
May 1993	69.5	69.8	-	-	-	64.0	78.2	78.0	-	-	-	69.7

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	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												
May 1994	83.8	83.0	74.4	64.2	57.3	68.6	70.9	70.5	65.2	56.9	51.1	59.6
April 1994	82.2	81.4	73.0	62.8	55.3	67.4	69.2	68.8	63.7	55.6	49.7	58.3
May 1993	92.3	91.5	-	-	-	78.2	79.7	79.2	-	-	-	69.3
PAD District I												
May 1994	83.5	82.6	73.9	64.1	61.0	68.9	69.8	69.3	65.1	56.5	52.6	59.9
April 1994	82.2	81.1	72.5	62.6	56.2	67.5	68.5	67.9	63.6	55.3	50.1	58.6
May 1993	92.1	91.0	-	-	-	78.2	78.4	77.8	-	-	-	69.2
Subdistrict IA												
May 1994	87.4	86.1	75.1	65.8	W	70.5	73.7	72.7	65.7	57.7	49.7	59.8
April 1994	85.7	84.0	73.0	62.1	W	67.7	71.9	70.9	63.7	54.9	48.9	58.4
May 1993	93.9	92.5	-	-	-	78.4	81.1	80.0	-	-	-	68.6
Connecticut												
May 1994	89.0	87.7	75.5	66.1	-	70.9	74.1	73.1	66.3	58.1	W	60.2
April 1994	88.1	86.7	75.4	63.7	-	69.8	72.9	71.8	66.1	56.1	W	59.9
May 1993	97.7	95.6	-	-	-	79.3	82.8	81.4	-	-	-	68.2
Maine												
May 1994	91.3	90.1	73.4	67.6	W	69.2	78.1	77.4	64.3	59.1	W	60.5
April 1994	87.6	86.4	70.8	63.8	W	65.8	74.6	74.0	62.0	56.2	50.8	57.0
May 1993	96.1	93.7	-	-	-	74.6	83.0	82.0	-	-	-	65.2
Massachusetts												
May 1994	85.6	84.0	74.7	65.3	W	70.1	71.5	70.4	65.4	57.1	49.4	59.1
April 1994	84.0	81.7	71.9	60.8	-	66.8	69.8	68.7	62.7	53.9	47.1	57.8
May 1993	92.7	91.3	-	-	-	78.5	79.7	78.4	-	-	-	69.6
New Hampshire												
May 1994	88.3	88.0	75.7	65.2	-	72.9	73.9	73.6	65.2	56.5	-	62.8
April 1994	86.9	86.3	73.5	61.2	-	70.4	73.0	72.8	63.4	53.7	-	60.7
May 1993	94.3	93.9	-	-	-	80.9	82.0	81.5	-	-	-	71.1
Rhode Island												
May 1994	85.4	84.7	73.0	65.4	-	68.7	74.1	73.2	64.0	57.1	W	57.3
April 1994	83.2	82.6	69.8	61.3	-	65.0	71.9	71.0	61.0	54.6	W	55.6
May 1993	87.0	86.6	-	-	-	76.1	78.0	77.5	-	-	-	67.6
Vermont												
May 1994	90.9	89.4	80.2	66.0	-	76.9	77.8	76.6	69.7	59.0	-	67.2
April 1994	89.4	87.8	77.4	62.6	-	74.1	76.2	75.0	67.9	56.0	-	65.2
May 1993	96.3	94.8	-	-	-	83.5	84.0	82.9	-	-	-	73.8
Subdistrict IB												
May 1994	83.2	82.1	73.9	64.7	61.1	69.6	69.9	69.1	65.2	56.7	53.5	60.5
April 1994	82.0	80.5	72.3	61.5	55.7	67.6	68.3	67.4	63.3	54.2	49.7	58.4
May 1993	90.2	89.0	-	-	-	77.7	77.0	76.3	-	-	-	68.9
Delaware												
May 1994	83.0	82.4	72.3	63.9	-	67.8	68.4	67.9	62.2	55.9	W	58.7
April 1994	78.5	78.1	70.1	60.1	-	64.7	64.2	63.9	60.5	52.8	W	55.7
May 1993	89.0	88.0	-	-	-	75.6	76.1	75.3	-	-	-	66.7
District of Columbia												
May 1994	W	68.1	75.7	W	-	74.9	W	61.1	69.9	W	-	69.1
April 1994	W	67.7	74.6	W	-	74.1	W	60.3	68.9	44.8	-	68.6
May 1993	W	79.5	-	-	-	82.7	W	71.2	-	-	-	76.9
Maryland												
May 1994	80.6	77.4	72.8	63.6	W	70.0	68.9	66.6	64.6	56.6	W	61.9
April 1994	78.0	73.7	70.8	60.7	W	68.4	67.0	63.9	62.8	54.1	W	60.3
May 1993	88.1	86.2	-	-	-	78.1	77.1	75.4	-	-	-	70.5
New Jersey												
May 1994	87.9	86.1	75.9	64.8	61.7	70.2	73.9	72.8	67.7	57.3	53.7	60.9
April 1994	87.2	85.5	73.3	62.0	55.6	68.5	73.7	72.4	65.2	55.5	48.9	58.9
May 1993	96.8	94.6	-	-	-	77.3	83.2	81.6	-	-	-	69.2
New York												
May 1994	84.0	82.8	73.3	64.7	61.7	70.3	70.5	69.6	65.3	56.9	52.1	61.2
April 1994	82.9	81.4	73.0	62.5	W	69.4	68.8	67.9	64.0	54.9	47.7	59.6
May 1993	91.3	89.6	-	-	-	79.3	77.6	76.8	-	-	-	69.4
Pennsylvania												
May 1994	80.7	80.4	72.8	65.1	W	67.6	68.3	68.1	63.1	56.5	53.4	58.7
April 1994	79.1	78.8	70.4	60.7	W	64.0	66.5	66.2	60.7	53.4	50.8	56.0
May 1993	86.1	86.1	-	-	-	75.9	74.2	74.3	-	-	-	67.4

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												
May 1994	62.8	62.7	59.7	53.2	53.2	55.4	73.4	73.0	65.8	57.9	W	61.5
April 1994	61.6	61.5	58.9	52.9	52.8	54.9	72.3	71.9	65.0	57.7	W	61.0
May 1993	72.5	72.4	—	—	—	65.7	83.4	82.8	—	—	—	71.9
Florida												
May 1994	64.9	64.7	60.3	53.2	51.0	55.9	76.5	75.8	66.8	57.8	—	62.7
April 1994	63.4	63.3	59.7	53.0	W	55.5	74.9	74.3	66.4	57.6	—	62.4
May 1993	74.1	74.0	—	—	—	67.0	86.1	85.3	—	—	—	74.0
Georgia												
May 1994	60.2	60.3	57.9	53.1	54.1	54.6	70.5	70.4	63.3	58.2	—	60.4
April 1994	58.9	59.0	57.0	52.8	52.3	54.1	69.2	69.1	62.3	57.9	W	59.8
May 1993	70.7	70.7	—	—	—	65.1	80.7	80.5	—	—	—	70.3
North Carolina												
May 1994	61.2	60.8	59.9	53.2	53.7	55.3	70.5	70.2	65.9	57.8	W	60.7
April 1994	60.4	60.1	59.1	53.1	W	54.9	69.7	69.4	65.0	57.8	W	60.4
May 1993	71.4	71.0	—	—	—	65.0	81.1	80.2	—	—	—	70.4
South Carolina												
May 1994	60.4	60.6	58.9	53.1	W	54.6	71.5	71.7	64.0	57.9	—	60.0
April 1994	59.8	59.9	58.2	52.9	W	54.2	71.0	70.7	63.4	57.7	—	59.5
May 1993	70.0	70.0	—	—	—	64.4	80.9	80.5	—	—	—	69.4
Virginia												
May 1994	63.7	63.4	60.4	53.3	W	56.0	73.7	73.4	66.6	57.6	—	61.9
April 1994	62.3	62.0	59.1	52.8	W	55.3	73.1	72.7	65.7	57.3	W	61.5
May 1993	73.2	72.9	—	—	—	66.1	84.4	83.9	—	—	—	72.5
West Virginia												
May 1994	68.8	68.1	63.3	54.0	W	58.5	78.9	77.8	69.1	58.4	—	64.7
April 1994	67.9	67.3	62.0	53.5	W	57.8	78.3	77.4	67.4	57.5	—	63.2
May 1993	78.1	77.5	—	—	—	69.3	87.1	86.1	—	—	—	75.0
PAD District II												
May 1994	66.5	66.5	60.4	55.7	52.1	56.9	74.6	74.3	66.1	60.4	W	63.5
April 1994	64.6	64.5	58.6	54.2	50.4	55.2	72.6	72.3	64.4	58.8	W	61.8
May 1993	76.3	76.1	—	—	—	66.5	83.9	83.5	—	—	—	73.1
Illinois												
May 1994	66.3	66.3	61.4	55.0	51.0	56.9	73.7	73.5	66.5	62.5	—	66.8
April 1994	64.2	64.2	59.5	53.1	50.9	54.9	71.5	71.6	66.5	58.4	—	64.3
May 1993	75.2	75.3	—	—	—	66.1	82.8	82.5	—	—	—	74.8
Indiana												
May 1994	66.3	66.3	59.6	54.2	51.4	55.7	74.4	73.8	65.3	59.7	—	62.9
April 1994	65.1	65.0	58.0	53.2	48.4	54.1	72.9	72.3	63.9	58.2	—	61.8
May 1993	76.8	76.5	—	—	—	66.2	84.1	83.3	—	—	—	73.8
Iowa												
May 1994	64.9	65.3	61.7	56.7	—	57.3	70.2	70.7	64.8	65.4	—	65.1
April 1994	64.1	64.3	60.2	55.4	—	56.0	69.0	69.4	63.5	63.4	—	63.4
May 1993	76.6	76.8	—	—	—	66.9	80.5	80.6	—	—	—	73.6
Kansas												
May 1994	64.5	64.6	58.9	55.6	52.3	55.7	72.0	71.9	64.0	61.3	—	63.1
April 1994	63.8	63.8	57.7	54.4	50.8	54.4	71.3	71.2	63.0	60.1	—	62.0
May 1993	75.4	75.5	—	—	—	64.8	84.3	84.2	—	—	—	72.0
Kentucky												
May 1994	68.6	67.8	61.0	54.7	—	56.7	78.0	76.6	66.5	59.3	—	62.3
April 1994	65.6	65.1	59.9	54.0	—	55.9	74.7	73.7	65.3	58.6	—	61.3
May 1993	76.3	75.7	—	—	—	67.5	85.6	84.5	—	—	—	73.0
Michigan												
May 1994	66.3	66.1	59.1	56.3	—	57.6	73.7	73.8	64.2	61.2	—	63.2
April 1994	64.5	64.3	57.0	53.7	—	55.2	72.0	72.0	62.2	58.0	—	60.8
May 1993	77.7	77.3	—	—	—	67.8	85.9	85.8	—	—	—	74.3
Minnesota												
May 1994	73.8	73.3	63.8	59.1	W	59.9	78.0	77.7	64.7	62.5	—	63.5
April 1994	71.6	71.3	62.3	57.9	W	58.4	76.4	76.2	64.1	61.1	—	62.5
May 1993	81.6	81.2	—	—	—	68.6	86.7	86.1	—	—	—	72.6
Missouri												
May 1994	62.9	63.0	59.6	55.3	51.2	56.2	72.6	72.4	65.0	60.2	—	63.3
April 1994	60.7	60.7	57.8	53.6	W	54.5	69.7	69.7	63.4	58.5	—	61.7
May 1993	72.8	72.9	—	—	—	65.9	80.9	80.7	—	—	—	72.3

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
Subdistrict IC												
May 1994	82.8	82.2	73.6	63.5	56.6	67.8	69.1	68.7	64.8	56.2	53.7	59.4
April 1994	81.6	80.9	72.7	63.2	59.8	67.3	67.9	67.5	63.9	55.9	53.8	58.9
May 1993	92.7	91.8	—	—	—	78.6	78.6	78.2	—	—	—	69.7
Florida												
May 1994	85.1	84.2	75.4	64.0	W	70.6	71.5	71.1	66.9	56.4	52.0	61.3
April 1994	83.6	83.0	74.9	63.6	W	70.2	70.0	69.6	66.3	56.0	W	60.7
May 1993	94.7	93.8	—	—	—	82.3	80.9	80.4	—	—	—	72.3
Georgia												
May 1994	80.4	79.9	70.6	63.1	—	65.8	66.5	66.5	62.0	56.1	54.1	58.1
April 1994	79.1	78.6	69.4	62.9	W	65.2	65.3	65.2	61.0	55.8	54.2	57.5
May 1993	90.4	89.8	—	—	—	77.3	76.7	76.6	—	—	—	68.6
North Carolina												
May 1994	80.1	79.5	72.6	63.6	W	66.2	66.7	66.2	63.7	56.3	54.3	58.5
April 1994	79.6	78.7	70.8	63.4	W	65.8	66.1	65.6	62.9	56.1	W	58.2
May 1993	91.1	90.0	—	—	—	75.8	76.7	76.0	—	—	—	68.0
South Carolina												
May 1994	81.8	82.0	70.1	63.5	—	65.3	66.4	66.7	62.3	55.9	W	57.6
April 1994	81.2	81.2	70.0	63.0	W	64.6	65.8	65.8	61.7	55.7	W	57.2
May 1993	91.9	91.0	—	—	—	75.1	75.9	75.6	—	—	—	67.1
Virginia												
May 1994	83.5	82.7	73.9	63.2	W	68.1	70.1	69.6	65.5	56.3	W	60.1
April 1994	82.1	81.1	72.9	62.9	W	67.6	68.8	68.3	64.3	55.8	W	59.4
May 1993	92.8	91.9	—	—	—	77.9	79.4	78.9	—	—	—	70.1
West Virginia												
May 1994	85.4	84.0	76.7	64.9	—	71.4	73.5	72.8	67.2	56.7	W	62.1
April 1994	84.4	83.2	74.7	64.6	—	70.4	72.7	72.0	65.5	56.0	W	61.1
May 1993	94.6	93.4	—	—	—	81.7	82.1	81.5	—	—	—	72.6
PAD District II												
May 1994	81.4	80.9	72.3	63.9	57.7	67.2	69.7	69.5	63.4	57.2	52.2	59.0
April 1994	79.4	78.8	70.5	62.3	54.9	65.4	67.8	67.6	61.6	55.7	50.6	57.3
May 1993	90.5	89.9	—	—	—	76.9	79.1	78.9	—	—	—	68.5
Illinois												
May 1994	81.2	80.7	75.1	64.2	—	69.9	69.4	69.3	65.9	56.9	51.0	60.4
April 1994	79.2	78.9	72.9	61.3	W	66.4	67.3	67.2	64.0	54.6	52.0	58.0
May 1993	90.0	89.6	—	—	—	78.6	78.4	78.3	—	—	—	69.0
Indiana												
May 1994	80.2	79.9	71.4	63.3	W	66.7	69.9	69.8	62.8	56.1	51.5	58.3
April 1994	78.9	78.4	69.8	61.1	—	64.9	68.8	68.4	61.3	54.9	48.4	56.7
May 1993	90.9	90.2	—	—	—	77.2	80.1	79.7	—	—	—	68.7
Iowa												
May 1994	76.0	78.1	71.3	65.2	—	66.5	65.9	66.6	63.1	57.4	—	58.2
April 1994	75.5	77.1	70.7	64.0	—	65.4	65.2	65.5	61.7	56.0	—	56.8
May 1993	85.5	85.6	—	—	—	74.3	77.5	77.6	—	—	—	67.6
Kansas												
May 1994	77.3	76.9	68.2	62.8	W	64.6	66.3	66.3	60.5	56.4	52.3	56.7
April 1994	76.5	75.9	66.9	61.7	W	63.3	65.5	65.4	59.2	55.1	50.8	55.3
May 1993	89.3	88.6	—	—	—	75.5	77.3	77.2	—	—	—	66.1
Kentucky												
May 1994	86.3	85.0	72.9	63.9	—	67.2	73.6	72.6	64.5	57.1	—	59.7
April 1994	82.7	81.7	72.1	63.3	—	66.5	70.5	69.8	63.4	56.4	—	58.9
May 1993	93.2	92.1	—	—	—	78.5	80.7	80.0	—	—	—	70.3
Michigan												
May 1994	80.3	79.6	70.0	64.9	—	67.7	69.2	69.0	61.8	57.8	—	59.7
April 1994	77.8	77.1	68.0	62.3	—	65.5	67.5	67.2	59.7	55.2	—	57.4
May 1993	92.0	91.1	—	—	—	78.7	80.5	80.0	—	—	—	70.0
Minnesota												
May 1994	87.1	86.7	74.7	66.8	W	68.6	75.6	75.0	65.0	60.1	W	61.0
April 1994	84.8	84.5	72.8	65.5	W	67.1	73.5	73.1	63.6	58.8	W	59.6
May 1993	94.3	93.9	—	—	—	77.1	83.6	83.2	—	—	—	69.6
Missouri												
May 1994	79.8	79.1	70.3	63.0	—	65.4	66.1	65.9	62.0	56.6	51.2	58.0
April 1994	77.3	76.7	68.8	61.5	—	63.9	63.8	63.6	60.3	54.9	W	56.3
May 1993	87.9	87.5	—	—	—	75.5	75.7	75.7	—	—	—	67.7

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
Nebraska												
May 1994	68.8	68.7	61.8	56.6	W	57.6	76.3	76.1	67.8	64.8	—	65.5
April 1994	67.9	67.8	61.1	55.3	—	56.4	75.3	75.2	66.7	64.1	—	64.7
May 1993	78.7	78.3	—	—	—	67.2	85.3	84.5	—	—	—	74.1
North Dakota												
May 1994	79.3	78.4	65.6	58.9	—	59.7	84.6	79.3	W	62.7	—	66.9
April 1994	77.2	75.9	63.2	57.2	W	57.9	83.8	78.6	W	59.4	—	62.2
May 1993	86.3	85.6	—	—	—	69.5	93.0	92.3	—	—	—	80.3
Ohio												
May 1994	67.7	67.3	60.8	55.3	W	57.7	77.0	76.2	67.5	60.7	—	65.3
April 1994	65.0	64.7	58.7	53.5	51.5	55.8	73.7	73.1	65.3	58.2	W	62.9
May 1993	77.0	76.7	—	—	—	67.8	85.2	84.8	—	—	—	74.4
Oklahoma												
May 1994	62.1	62.1	59.0	54.2	52.0	54.4	69.7	69.7	63.6	57.4	—	61.4
April 1994	60.1	60.2	58.1	52.7	50.0	52.7	67.9	67.9	62.7	56.3	—	60.5
May 1993	72.3	72.0	—	—	—	63.2	79.2	79.1	—	—	—	67.6
South Dakota												
May 1994	73.5	73.1	65.8	58.6	W	60.1	78.4	78.2	69.4	W	—	66.0
April 1994	71.4	71.1	61.9	56.3	W	57.5	77.7	78.1	67.4	61.1	—	62.7
May 1993	82.1	81.7	—	—	—	69.7	86.1	86.3	—	—	—	76.4
Tennessee												
May 1994	61.6	61.4	59.6	53.1	W	54.4	71.8	71.4	65.3	58.1	—	60.2
April 1994	61.0	60.8	58.3	53.2	W	54.3	71.2	70.8	64.1	58.2	—	59.9
May 1993	71.7	71.4	—	—	—	64.7	81.5	81.1	—	—	—	70.4
Wisconsin												
May 1994	68.2	68.0	60.8	56.7	W	57.8	76.0	75.5	64.4	61.9	W	62.9
April 1994	65.5	65.3	58.5	54.6	W	55.6	73.4	73.1	62.1	60.0	—	60.9
May 1993	76.7	76.7	—	—	—	66.4	84.4	84.5	—	—	—	72.3
PAD District III												
May 1994	65.4	65.1	58.8	53.1	49.0	53.4	74.5	73.9	64.0	57.8	NA	60.3
April 1994	63.8	63.6	58.3	52.6	48.0	52.6	73.1	72.5	63.4	57.4	NA	59.8
May 1993	75.0	74.6	—	—	—	63.9	83.6	83.3	—	—	—	70.4
Alabama												
May 1994	66.1	65.7	62.3	53.0	W	55.1	74.8	74.2	68.1	58.0	W	60.9
April 1994	64.3	64.1	61.5	53.0	W	54.9	73.1	72.7	67.0	58.1	—	60.6
May 1993	75.0	74.3	—	—	—	65.0	84.3	83.8	—	—	—	70.5
Arkansas												
May 1994	64.0	63.5	56.9	53.5	W	54.5	72.9	72.2	60.0	57.9	—	58.9
April 1994	63.5	63.0	55.9	52.8	W	53.8	72.7	71.9	60.0	57.4	—	58.6
May 1993	73.2	72.2	—	—	—	64.2	82.6	80.7	—	—	—	68.9
Louisiana												
May 1994	63.3	62.7	61.6	52.7	48.2	52.8	74.0	73.0	67.2	57.7	—	60.9
April 1994	62.3	62.0	62.0	52.7	47.4	53.0	72.9	71.9	67.5	57.7	—	61.0
May 1993	73.5	73.2	—	—	—	63.6	83.4	83.0	—	—	—	70.5
Mississippi												
May 1994	64.4	64.0	58.7	52.8	48.4	51.9	73.4	72.6	64.8	57.7	—	59.3
April 1994	63.1	62.7	58.2	53.0	49.0	53.0	72.3	71.6	63.8	57.6	—	58.9
May 1993	73.8	73.7	—	—	—	63.6	82.8	82.2	—	—	—	69.2
New Mexico												
May 1994	72.9	72.6	65.7	61.0	—	62.3	78.4	78.1	70.9	65.2	—	67.1
April 1994	69.3	69.3	63.3	58.3	—	59.7	74.9	74.8	67.6	63.3	—	64.9
May 1993	88.3	87.5	—	—	—	74.2	95.5	93.8	—	—	—	80.3
Texas												
May 1994	65.2	65.0	58.0	52.5	49.2	52.8	74.8	74.4	63.4	57.5	NA	60.2
April 1994	63.5	63.3	57.6	51.9	47.9	51.7	73.2	72.8	62.8	56.9	NA	59.6
May 1993	74.3	74.1	—	—	—	63.3	83.9	83.5	—	—	—	70.4
PAD District IV												
May 1994	70.9	71.0	63.0	60.2	W	60.9	79.6	78.7	66.2	63.9	—	65.1
April 1994	67.4	67.4	59.5	55.7	W	56.7	77.1	76.4	62.6	59.1	—	60.9
May 1993	80.7	80.3	—	—	—	69.0	89.0	88.5	—	—	—	74.3
Colorado												
May 1994	71.0	70.8	62.1	57.5	—	58.7	82.3	81.3	66.5	62.4	—	64.5
April 1994	70.3	70.0	60.5	55.7	—	56.9	81.5	80.6	65.2	59.6	—	62.7
May 1993	83.5	82.9	—	—	—	68.7	91.9	91.1	—	—	—	74.8

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	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												
May 1994	81.4	81.1	71.9	64.5	—	66.8	70.8	70.4	62.9	57.3	W	58.4
April 1994	79.5	79.4	70.8	62.9	—	65.0	69.9	69.6	62.1	56.0	—	57.2
May 1993	87.4	86.7	—	—	—	77.0	80.3	79.7	—	—	—	68.0
North Dakota												
May 1994	87.7	87.1	78.6	67.9	—	70.3	80.1	79.0	67.8	59.5	—	60.5
April 1994	86.2	86.6	75.7	66.3	—	68.6	78.0	76.8	65.2	57.7	W	58.7
May 1993	94.9	93.7	—	—	—	80.2	87.2	86.4	—	—	—	70.4
Ohio												
May 1994	84.4	83.7	73.4	64.4	—	69.4	71.7	71.3	64.0	57.1	W	60.4
April 1994	80.8	80.2	71.0	62.2	W	66.7	68.9	68.5	61.9	55.1	51.0	58.3
May 1993	92.4	91.7	—	—	—	79.0	80.3	80.0	—	—	—	70.0
Oklahoma												
May 1994	75.0	74.6	68.1	61.3	56.8	62.9	64.7	64.6	60.8	55.4	52.1	55.7
April 1994	73.1	72.6	66.6	59.8	W	61.6	62.8	62.8	59.8	54.0	50.0	53.9
May 1993	84.6	84.1	—	—	—	70.4	74.7	74.4	—	—	—	64.1
South Dakota												
May 1994	85.7	82.0	73.5	68.7	—	69.7	74.9	74.5	66.6	59.6	W	61.1
April 1994	89.1	86.3	73.0	65.7	—	67.4	73.8	73.5	63.0	57.1	W	58.4
May 1993	94.1	90.2	—	—	—	79.7	83.2	82.7	—	—	—	70.7
Tennessee												
May 1994	80.4	79.8	73.6	63.0	—	65.5	67.8	67.5	64.3	56.2	W	58.0
April 1994	80.0	79.5	72.6	63.0	—	65.3	67.3	66.9	63.0	56.3	W	57.8
May 1993	90.1	89.3	—	—	—	75.9	77.0	76.6	—	—	—	68.0
Wisconsin												
May 1994	82.2	81.4	71.1	65.0	—	66.9	70.6	70.2	62.7	58.1	W	59.3
April 1994	79.9	79.2	69.1	62.9	—	64.9	68.0	67.7	60.4	56.0	W	57.2
May 1993	89.4	89.4	—	—	—	75.7	78.9	78.8	—	—	—	68.0
PAD District III												
May 1994	82.9	81.9	70.7	62.6	53.6	63.7	70.2	69.6	62.2	55.4	49.7	55.9
April 1994	81.4	80.5	70.1	62.3	53.1	64.2	68.7	68.2	61.6	54.9	48.3	55.2
May 1993	91.8	90.8	—	—	—	73.8	79.4	78.9	—	—	—	66.3
Alabama												
May 1994	84.5	83.1	74.9	63.5	—	66.6	71.7	71.1	66.5	56.1	50.7	58.7
April 1994	82.7	81.6	73.8	63.2	—	66.0	70.0	69.5	65.6	56.1	W	58.4
May 1993	94.0	92.3	—	—	—	76.7	80.5	79.6	—	—	—	68.2
Arkansas												
May 1994	80.5	78.9	66.4	61.8	—	63.5	67.7	67.0	59.4	55.6	W	56.8
April 1994	80.2	78.8	66.5	61.7	—	63.5	67.3	66.5	58.8	54.8	W	56.2
May 1993	90.2	86.5	—	—	—	73.4	76.8	75.5	—	—	—	66.2
Louisiana												
May 1994	82.3	80.2	74.9	62.3	53.4	63.5	69.4	68.5	66.7	55.6	49.4	56.3
April 1994	81.2	79.5	75.1	62.2	W	65.4	68.3	67.6	66.8	55.5	47.4	56.5
May 1993	91.6	90.7	—	—	—	75.3	79.3	78.9	—	—	—	66.9
Mississippi												
May 1994	81.8	80.7	70.4	62.7	W	63.1	69.4	68.8	62.1	55.5	49.0	54.5
April 1994	80.8	79.7	69.6	62.8	W	63.9	68.5	67.9	61.3	55.6	49.1	55.6
May 1993	91.3	90.5	—	—	—	74.7	78.5	78.2	—	—	—	66.2
New Mexico												
May 1994	86.3	85.9	76.4	70.4	—	72.1	74.9	74.5	67.3	62.2	—	63.6
April 1994	82.2	81.9	72.6	67.4	—	68.8	71.3	71.2	64.6	59.5	—	60.9
May 1993	98.2	96.9	—	—	—	83.4	89.5	88.8	—	—	—	75.3
Texas												
May 1994	82.9	82.3	69.7	62.2	53.4	62.9	70.0	69.6	61.2	54.6	49.8	55.1
April 1994	81.3	80.7	69.2	61.7	53.6	63.4	68.4	68.0	60.7	54.0	48.3	54.0
May 1993	91.3	90.8	—	—	—	72.5	78.8	78.4	—	—	—	65.4
PAD District IV												
May 1994	86.4	85.6	71.8	68.9	—	69.8	74.4	74.1	65.0	61.8	W	62.7
April 1994	82.8	82.0	67.4	63.6	—	64.7	71.0	70.7	61.3	57.2	W	58.3
May 1993	93.1	92.1	—	—	—	77.1	83.2	82.6	—	—	—	70.5
Colorado												
May 1994	90.6	89.8	72.5	66.1	—	68.0	75.5	75.1	64.5	59.1	—	60.6
April 1994	90.4	89.5	70.8	63.9	—	66.1	74.9	74.3	63.0	57.1	—	58.8
May 1993	101.0	99.7	—	—	—	77.5	87.0	86.1	—	—	—	70.4

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												
May 1994	68.1	68.6	63.1	60.4	—	61.4	73.8	71.9	63.8	61.9	—	62.8
April 1994	63.8	64.2	59.2	53.7	—	55.6	69.8	67.7	58.4	55.2	—	56.0
May 1993	75.0	75.4	—	—	—	69.4	84.8	85.0	—	—	—	W
Montana												
May 1994	80.5	79.9	72.3	65.3	W	66.3	W	NA	—	W	—	W
April 1994	71.9	72.5	68.4	60.8	W	61.9	63.6	71.3	—	W	—	W
May 1993	83.4	82.5	—	—	—	70.5	W	W	—	—	—	—
Utah												
May 1994	66.7	66.8	60.5	59.2	W	59.6	73.3	73.0	65.9	61.6	—	64.7
April 1994	59.7	59.8	55.3	52.1	W	53.0	66.8	66.8	58.8	55.2	—	57.5
May 1993	75.6	75.6	—	—	—	67.8	81.0	81.0	—	—	—	73.5
Wyoming												
May 1994	75.7	75.4	65.8	62.1	—	62.8	83.2	83.3	69.9	W	—	78.3
April 1994	71.8	71.6	61.9	58.3	—	59.0	78.9	79.0	64.5	W	—	72.0
May 1993	83.7	83.3	—	—	—	70.6	86.1	86.5	—	—	—	W
PAD District V												
May 1994	73.6	73.1	64.9	56.9	51.0	60.7	81.7	80.8	71.7	61.1	W	69.2
April 1994	72.1	71.7	63.5	56.0	51.7	59.8	80.4	79.7	70.4	60.8	W	68.3
May 1993	80.7	80.3	—	—	—	71.1	85.5	84.9	—	—	—	77.8
Alaska												
May 1994	106.5	101.8	77.4	69.3	62.4	72.9	179.8	140.5	82.1	—	W	82.2
April 1994	105.9	101.1	76.7	67.8	W	72.6	W	NA	81.0	—	W	83.8
May 1993	102.3	98.0	—	—	—	78.2	—	W	—	—	—	W
Arizona												
May 1994	78.1	77.6	68.7	61.8	55.3	65.7	88.8	88.0	73.8	W	—	68.4
April 1994	77.8	77.2	67.6	59.5	52.9	63.9	88.4	87.9	NA	W	—	65.0
May 1993	84.7	84.2	—	—	—	75.3	90.8	89.8	—	—	—	77.3
California												
May 1994	68.9	68.7	64.0	54.5	50.4	59.2	80.1	79.5	71.2	60.7	W	68.8
April 1994	67.2	67.2	62.7	54.3	51.5	58.8	78.8	78.4	69.9	60.7	W	67.9
May 1993	77.7	77.5	—	—	—	70.7	84.7	84.2	—	—	—	77.7
Hawaii												
May 1994	104.1	96.3	86.7	77.9	—	85.1	105.7	96.3	92.2	88.9	—	92.1
April 1994	105.1	97.7	86.2	76.8	—	84.5	107.7	97.6	91.5	86.8	—	91.3
May 1993	108.5	101.5	—	—	—	93.7	113.3	104.7	—	—	—	99.6
Nevada												
May 1994	78.2	76.9	63.2	58.0	W	60.8	85.1	84.7	71.4	64.6	—	68.8
April 1994	76.7	75.5	61.9	58.1	W	60.0	83.9	83.5	69.8	63.6	—	67.6
May 1993	81.7	80.6	—	—	—	68.5	83.2	83.1	—	—	—	72.2
Oregon												
May 1994	76.6	75.8	65.2	60.2	53.0	62.8	76.4	75.8	71.6	W	—	71.0
April 1994	74.4	73.8	62.6	57.3	W	59.2	77.2	76.4	70.5	W	—	70.0
May 1993	84.3	83.7	—	—	—	71.2	W	W	—	—	—	—
Washington												
May 1994	72.8	72.6	63.7	60.3	W	61.8	NA	72.3	70.7	NA	—	NA
April 1994	69.3	69.2	61.1	57.4	W	59.3	73.9	73.6	66.8	W	—	60.9
May 1993	77.1	77.1	—	—	—	68.8	85.7	85.2	—	—	—	74.8

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	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												
May 1994	79.7	79.7	71.3	69.2	—	70.0	69.7	69.9	64.5	61.7	—	62.7
April 1994	75.8	75.9	66.0	61.5	—	63.1	65.3	65.6	60.2	54.8	—	56.6
May 1993	83.4	84.1	—	—	—	77.1	76.1	76.5	—	—	—	70.2
Montana												
May 1994	90.4	89.5	78.4	74.5	—	74.9	82.1	81.3	73.2	67.0	W	67.9
April 1994	83.5	83.0	75.1	69.4	—	70.1	73.8	73.9	69.4	62.3	W	63.2
May 1993	93.0	90.3	—	—	—	78.6	84.7	83.8	—	—	—	71.6
Utah												
May 1994	80.2	79.8	69.9	67.7	—	68.5	70.6	70.6	63.5	61.2	W	62.0
April 1994	73.3	73.2	63.4	60.2	—	61.2	63.5	63.6	57.5	54.0	W	55.1
May 1993	86.3	86.0	—	—	—	75.7	78.5	78.4	—	—	—	69.5
Wyoming												
May 1994	88.3	87.6	74.8	70.9	—	71.9	77.9	77.3	67.7	63.7	—	64.5
April 1994	84.3	83.2	69.9	66.6	—	67.4	73.9	73.4	63.5	59.7	—	60.5
May 1993	93.5	93.1	—	—	—	78.0	85.1	84.5	—	—	—	71.7
PAD District V												
May 1994	92.3	91.2	79.3	67.4	58.7	75.9	77.2	76.6	68.8	58.7	51.5	64.2
April 1994	91.1	90.1	77.7	67.6	57.5	74.7	75.9	75.3	67.4	57.9	52.3	63.3
May 1993	98.4	97.2	—	—	—	85.5	83.7	83.1	—	—	—	74.2
Alaska												
May 1994	107.9	105.4	87.4	78.0	—	83.9	107.9	103.4	78.6	70.0	62.8	74.0
April 1994	107.4	104.9	86.6	77.5	—	83.2	106.9	102.2	78.0	68.8	68.1	73.9
May 1993	108.9	106.9	—	—	—	86.7	102.5	98.6	—	—	—	79.2
Arizona												
May 1994	95.6	95.3	79.8	71.0	W	76.8	81.1	80.6	70.9	63.4	55.7	67.7
April 1994	95.7	95.2	79.1	71.8	W	76.8	80.8	80.2	69.7	61.1	53.2	66.0
May 1993	99.5	99.1	—	—	—	86.9	86.1	85.6	—	—	—	76.9
California												
May 1994	88.6	87.7	78.5	64.0	58.1	74.8	73.3	73.0	68.3	56.5	51.0	63.2
April 1994	87.2	86.5	77.0	65.0	57.3	73.8	72.0	71.9	67.0	56.3	52.1	62.8
May 1993	96.7	95.4	—	—	—	85.3	82.0	81.6	—	—	—	74.4
Hawaii												
May 1994	122.0	111.5	100.0	89.5	—	98.6	108.8	100.3	92.0	81.8	—	90.5
April 1994	124.2	113.4	99.1	89.3	—	97.7	110.4	101.9	91.3	81.0	—	89.7
May 1993	125.8	118.1	—	—	—	106.9	113.5	106.2	—	—	—	99.0
Nevada												
May 1994	97.4	96.5	78.3	72.1	W	75.8	82.1	80.6	66.6	60.3	W	63.8
April 1994	96.1	95.5	77.0	70.9	W	74.9	80.6	79.3	65.3	60.0	W	62.8
May 1993	98.4	98.0	—	—	—	81.1	84.5	83.4	—	—	—	70.7
Oregon												
May 1994	93.4	92.5	80.1	75.3	W	77.8	78.7	77.8	67.4	62.3	53.7	64.9
April 1994	92.1	91.2	78.1	71.8	—	75.2	76.7	75.9	65.0	59.3	W	61.3
May 1993	100.7	99.7	—	—	—	86.0	85.2	84.5	—	—	—	72.7
Washington												
May 1994	90.3	89.9	78.5	73.1	—	76.4	75.5	75.1	66.5	62.2	W	64.2
April 1994	87.1	86.7	75.6	69.9	—	73.3	72.2	72.0	63.8	59.3	W	61.6
May 1993	94.2	93.8	—	—	—	82.0	78.6	78.6	—	—	—	70.7

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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												
May 1994	66.6	66.4	61.3	54.8	50.3	58.5	75.0	74.5	66.7	58.8	NA	63.0
April 1994	64.9	64.7	59.7	53.5	49.1	55.1	73.3	72.8	65.4	57.7	NA	61.8
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District I												
May 1994	63.8	63.5	59.8	53.5	50.7	55.6	74.2	73.5	65.8	58.0	W	62.1
April 1994	62.3	62.0	58.1	52.3	48.9	54.1	72.5	71.9	64.3	56.9	W	60.6
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IA												
May 1994	67.8	67.2	61.2	54.6	49.2	55.8	79.0	77.4	67.0	58.8	-	63.4
April 1994	65.8	65.2	58.7	51.9	48.7	54.1	76.5	75.1	65.1	55.7	-	60.8
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut												
May 1994	67.0	66.4	61.6	54.6	W	55.9	79.4	77.1	66.9	58.6	-	63.3
April 1994	64.7	64.1	59.5	51.5	W	53.8	75.9	73.6	65.4	55.4	-	60.1
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
May 1994	74.0	73.4	61.5	56.5	W	57.9	83.8	82.6	66.4	60.5	-	62.2
April 1994	70.5	70.0	59.4	53.9	50.0	54.6	80.3	79.2	64.2	57.6	-	59.7
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
May 1994	64.9	64.2	60.4	53.9	48.8	54.8	76.9	75.4	67.1	58.2	-	63.6
April 1994	63.3	62.7	57.6	51.2	47.1	53.6	75.0	73.6	65.1	55.0	-	61.0
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire												
May 1994	69.0	68.9	61.4	53.9	-	59.1	80.6	80.0	66.4	57.0	-	64.4
April 1994	68.2	68.1	59.3	51.7	-	57.0	79.1	78.5	64.7	53.8	-	62.5
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
May 1994	68.0	67.1	59.2	53.7	W	53.2	77.7	76.6	65.3	58.4	-	62.0
April 1994	65.8	64.8	56.3	51.7	W	51.9	75.3	74.4	62.6	55.5	-	59.0
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
May 1994	73.5	72.6	65.9	56.5	-	63.7	82.7	79.9	71.4	60.6	-	69.2
April 1994	71.7	70.7	64.4	53.6	-	62.0	81.1	78.8	69.9	57.6	-	67.4
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IB												
May 1994	64.0	63.5	59.6	53.6	51.1	55.7	74.0	72.9	65.6	57.9	W	62.9
April 1994	62.3	61.7	56.6	50.8	48.1	52.7	71.3	70.2	62.7	54.5	NA	59.6
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Delaware												
May 1994	62.2	61.9	58.0	52.7	W	55.2	NA	NA	64.4	56.9	-	60.4
April 1994	59.1	59.0	56.2	49.7	W	52.2	65.7	65.6	62.7	53.5	-	57.9
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
May 1994	W	56.9	62.1	W	-	61.1	W	61.0	66.9	W	-	66.2
April 1994	W	55.8	61.1	52.5	-	61.0	W	60.9	65.9	W	-	65.5
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
May 1994	63.2	61.6	59.4	53.3	W	57.2	73.6	71.1	65.5	57.5	-	63.2
April 1994	61.4	58.9	57.7	51.1	W	55.6	71.6	69.1	64.0	55.1	W	61.8
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey												
May 1994	64.5	63.8	60.9	53.0	51.0	55.1	78.4	77.0	67.2	58.3	W	65.0
April 1994	64.2	63.8	56.0	49.8	47.3	49.5	76.6	75.5	61.2	53.6	W	57.9
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New York												
May 1994	65.4	64.8	59.5	54.3	50.8	56.4	75.0	73.3	65.5	58.6	-	63.3
April 1994	63.9	63.3	55.9	51.5	48.2	52.8	74.0	71.9	61.5	55.7	W	58.6
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania												
May 1994	62.8	62.8	58.7	53.4	51.3	55.0	72.7	72.3	64.3	57.7	W	61.2
April 1994	61.1	61.1	56.5	50.5	49.3	52.6	70.2	69.8	62.0	54.2	-	58.6
May 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												
May 1994	83.7	82.9	74.4	64.2	57.3	68.6	70.8	70.4	65.2	56.9	51.1	59.6
April 1994	82.0	81.2	72.8	62.8	55.2	67.1	69.1	68.7	63.5	55.6	49.7	58.0
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District I												
May 1994	83.3	82.5	73.9	64.1	61.0	68.9	69.8	69.3	65.1	56.5	52.6	59.9
April 1994	81.8	80.8	71.8	62.4	56.3	66.6	68.1	67.6	62.9	55.2	49.9	58.0
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IA												
May 1994	87.4	86.1	75.1	65.8	W	70.5	73.7	72.8	65.7	57.7	49.7	59.8
April 1994	85.1	83.4	72.3	61.6	W	67.1	71.6	70.6	63.1	54.6	48.9	57.8
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut												
May 1994	89.0	87.7	75.5	66.1	-	70.9	74.1	73.2	66.3	58.1	W	60.2
April 1994	85.5	84.2	73.2	62.1	-	67.2	71.3	70.2	64.0	54.6	W	57.5
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
May 1994	91.3	90.1	73.4	67.6	W	69.2	78.1	77.4	64.3	59.1	W	60.5
April 1994	87.6	86.4	70.8	63.8	W	65.8	74.6	74.0	62.0	56.2	50.8	57.0
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
May 1994	85.6	84.0	74.7	65.3	W	70.1	71.5	70.4	65.4	57.1	49.4	59.1
April 1994	84.0	81.7	71.9	60.8	-	66.8	69.8	68.7	62.7	53.9	47.1	57.8
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire												
May 1994	88.3	88.0	75.7	65.2	-	72.9	73.9	73.8	65.2	56.5	-	62.8
April 1994	86.9	86.3	73.5	61.2	-	70.4	73.0	72.8	63.4	53.7	-	60.7
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
May 1994	85.4	84.7	73.0	65.4	-	68.7	74.1	73.2	64.0	57.1	W	57.3
April 1994	83.2	82.6	69.8	61.3	-	65.0	71.9	71.0	61.0	54.6	W	55.6
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
May 1994	90.9	89.4	80.2	66.0	-	76.9	77.8	76.6	69.7	59.0	-	67.2
April 1994	89.4	87.8	77.4	62.6	-	74.1	76.2	75.0	67.9	58.0	-	65.2
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IB												
May 1994	82.8	81.7	73.9	64.7	61.1	69.6	69.7	68.9	65.2	56.7	53.5	60.4
April 1994	80.6	79.1	70.3	60.6	55.7	65.2	67.3	66.4	61.2	53.4	49.4	56.4
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Delaware												
May 1994	83.0	82.4	72.3	63.9	-	67.8	68.4	67.9	62.2	55.9	W	58.7
April 1994	78.5	78.1	70.1	60.1	-	64.7	64.2	63.9	60.5	52.8	W	55.7
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
May 1994	W	68.1	75.7	W	-	74.9	W	61.1	69.9	W	-	69.1
April 1994	W	67.7	74.6	W	-	74.1	W	60.3	68.9	44.8	-	68.6
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
May 1994	80.6	77.4	72.8	63.6	W	70.0	68.9	66.6	64.6	56.6	W	61.9
April 1994	78.0	73.7	70.8	60.6	W	68.4	67.0	64.0	62.8	54.0	W	60.3
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey												
May 1994	86.6	85.0	75.9	64.8	61.7	70.1	73.0	71.9	67.6	57.3	53.7	60.9
April 1994	85.4	83.6	69.2	58.6	55.2	62.5	72.9	71.8	61.1	52.7	48.4	52.8
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New York												
May 1994	83.9	82.6	73.3	64.7	61.7	70.3	70.4	69.5	65.3	56.9	52.1	61.2
April 1994	83.5	81.7	67.5	61.9	W	64.4	68.1	67.2	58.6	53.6	46.3	55.2
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania												
May 1994	80.5	80.2	72.6	65.1	W	67.6	68.2	68.0	63.1	56.5	53.4	58.7
April 1994	78.8	78.5	70.4	60.4	W	64.0	66.3	66.1	60.7	53.2	50.8	56.0
May 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												
May 1994	62.8	62.7	59.7	53.2	53.2	55.4	73.4	73.0	65.7	57.9	W	61.4
April 1994	61.6	61.5	58.9	52.9	52.8	54.9	72.3	71.9	65.0	57.7	W	61.0
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Florida												
May 1994	64.9	64.7	60.3	53.2	51.0	55.9	76.5	75.8	66.8	57.8	-	62.7
April 1994	63.4	63.3	59.7	53.0	W	55.5	74.9	74.3	66.4	57.6	-	62.4
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Georgia												
May 1994	60.2	60.3	57.9	53.1	54.1	54.6	70.5	70.4	63.3	58.2	-	60.4
April 1994	58.9	59.0	57.0	52.8	52.3	54.1	69.2	69.1	62.3	57.9	W	59.8
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina												
May 1994	61.2	60.8	59.9	53.2	53.7	55.3	70.5	70.2	65.9	57.8	W	60.7
April 1994	60.4	60.1	59.1	53.1	W	54.9	69.7	69.4	65.0	57.8	W	60.4
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina												
May 1994	60.4	60.6	58.9	53.1	W	54.6	71.5	71.7	64.0	57.9	-	60.0
April 1994	59.8	59.9	58.2	52.9	W	54.2	71.0	70.7	63.4	57.7	-	59.5
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Virginia												
May 1994	63.7	63.4	60.4	53.3	W	56.0	73.7	73.4	66.6	57.6	-	61.9
April 1994	62.3	62.0	59.1	52.8	W	55.3	73.2	72.7	65.7	57.3	W	61.5
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
West Virginia												
May 1994	68.8	68.1	62.7	54.0	W	58.0	78.9	77.8	68.3	58.4	-	64.0
April 1994	67.9	67.3	61.8	53.5	W	57.6	78.3	77.4	67.1	57.5	-	62.7
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District II												
May 1994	66.5	66.4	60.4	55.7	52.1	56.8	74.6	74.2	66.1	60.4	W	63.5
April 1994	64.5	64.4	58.6	54.1	50.4	55.1	72.5	72.3	64.4	58.8	W	61.8
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Illinois												
May 1994	66.3	66.3	61.4	55.0	51.0	56.9	73.7	73.5	68.5	62.5	-	66.8
April 1994	64.2	64.2	59.5	53.1	50.9	54.9	71.5	71.6	66.5	58.4	-	64.3
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Indiana												
May 1994	66.3	66.3	59.6	54.2	51.4	55.7	74.4	73.8	65.3	59.7	-	62.9
April 1994	65.1	65.0	58.0	53.2	48.4	54.1	72.9	72.3	63.9	58.2	-	61.6
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Iowa												
May 1994	64.9	65.3	61.7	56.7	-	57.3	70.2	70.7	64.8	65.4	-	65.1
April 1994	64.1	64.3	60.2	55.4	-	56.0	69.0	69.4	63.5	63.4	-	63.4
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Kansas												
May 1994	64.5	64.6	58.9	55.6	52.3	55.7	72.0	71.9	64.0	61.3	-	63.1
April 1994	63.8	63.8	57.7	54.4	50.8	54.4	71.3	71.2	63.0	60.1	-	62.0
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Kentucky												
May 1994	68.6	67.8	61.0	54.7	-	56.7	78.0	76.6	66.5	59.3	-	62.3
April 1994	65.6	65.1	59.9	54.0	-	55.9	74.7	73.7	65.3	58.6	-	61.3
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Michigan												
May 1994	66.3	66.1	59.1	56.3	-	57.6	73.7	73.8	64.2	61.2	-	63.2
April 1994	64.5	64.3	57.0	53.7	-	55.2	72.0	72.0	62.2	58.0	-	60.8
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Minnesota												
May 1994	73.6	73.1	63.5	58.6	W	59.4	77.7	77.4	64.5	62.4	-	63.5
April 1994	71.3	71.0	61.9	57.3	W	57.8	76.1	75.9	64.1	60.9	-	62.5
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Missouri												
May 1994	62.9	63.0	59.6	55.3	51.2	56.2	72.6	72.4	65.0	60.2	-	63.3
April 1994	60.7	60.7	57.8	53.6	W	54.5	69.7	69.7	63.4	58.5	-	61.7
May 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												
May 1994	82.8	82.2	73.6	63.5	56.6	67.8	69.1	68.7	64.7	56.2	53.7	59.4
April 1994	81.6	80.9	72.7	63.2	59.8	67.3	67.9	67.5	63.9	55.9	53.8	58.9
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Florida												
May 1994	85.1	84.2	75.4	64.0	W	70.6	71.5	71.1	66.9	56.4	52.0	61.3
April 1994	83.6	83.0	74.9	63.6	W	70.1	70.0	69.6	66.3	56.0	W	60.7
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Georgia												
May 1994	80.4	79.9	70.6	63.1	—	65.8	66.5	66.5	62.0	56.1	54.1	58.1
April 1994	79.1	78.6	69.4	62.9	W	65.2	65.3	65.2	61.0	55.8	54.2	57.5
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
North Carolina												
May 1994	80.1	79.5	72.6	63.6	W	66.2	66.7	66.2	63.7	56.3	54.3	58.5
April 1994	79.6	78.7	70.8	63.4	W	65.8	66.1	65.6	62.9	56.1	W	58.2
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
South Carolina												
May 1994	81.8	82.0	70.1	63.5	—	65.3	66.4	66.7	62.3	55.9	W	57.6
April 1994	81.2	81.2	70.0	63.0	W	64.6	65.8	65.8	61.7	55.7	W	57.2
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Virginia												
May 1994	83.5	82.7	73.9	63.2	W	68.1	70.1	69.6	65.5	56.3	W	60.1
April 1994	82.1	81.1	72.9	62.9	W	67.6	68.9	68.3	64.3	55.8	W	59.4
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
West Virginia												
May 1994	85.4	84.0	76.0	64.9	—	70.7	73.5	72.7	66.5	56.7	W	61.5
April 1994	84.4	83.2	74.5	64.6	—	70.1	72.7	72.0	65.3	56.0	W	60.7
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District II												
May 1994	81.4	80.8	72.2	63.9	57.7	67.1	69.7	69.4	63.4	57.1	52.2	59.0
April 1994	79.3	78.8	70.5	62.3	54.9	65.4	67.8	67.5	61.6	55.6	50.6	57.2
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Illinois												
May 1994	81.2	80.7	75.1	64.2	—	69.9	69.4	69.3	65.9	56.9	51.0	60.4
April 1994	79.2	78.9	72.9	61.3	W	66.4	67.3	67.2	64.0	54.6	52.0	58.0
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Indiana												
May 1994	80.2	79.9	71.4	63.3	W	66.7	69.9	69.8	62.8	56.1	51.5	58.3
April 1994	78.9	78.4	69.8	61.1	—	64.9	68.8	68.4	61.3	54.9	48.4	56.7
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Iowa												
May 1994	76.0	78.1	71.3	65.2	—	66.5	65.9	66.6	63.1	57.4	—	58.2
April 1994	75.5	77.1	70.7	64.0	—	65.4	65.2	65.5	61.7	56.0	—	56.8
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Kansas												
May 1994	77.3	76.9	68.2	62.8	W	64.6	66.3	66.3	60.5	56.4	52.3	56.7
April 1994	76.5	75.9	66.9	61.7	W	63.3	65.5	65.4	59.2	55.1	50.8	55.3
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Kentucky												
May 1994	86.3	85.0	72.9	63.9	—	67.2	73.6	72.6	64.5	57.1	—	59.7
April 1994	82.7	81.7	72.1	63.3	—	66.5	70.5	69.8	63.4	56.4	—	58.9
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Michigan												
May 1994	80.3	79.6	70.0	64.9	—	67.7	69.2	69.0	61.8	57.8	—	59.7
April 1994	77.8	77.1	68.0	62.3	—	65.5	67.5	67.2	59.7	55.2	—	57.4
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Minnesota												
May 1994	86.8	86.3	75.1	67.1	W	68.9	75.4	74.7	64.7	59.5	W	60.5
April 1994	84.5	84.3	73.3	65.6	W	67.5	73.3	72.9	63.4	58.2	W	59.1
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Missouri												
May 1994	79.8	79.1	70.3	63.0	—	65.4	66.1	65.9	62.0	56.6	51.2	58.0
April 1994	77.3	76.7	68.8	61.5	—	63.9	63.8	63.6	60.3	54.9	W	56.3
May 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												
May 1994	68.8	68.7	61.8	56.6	W	57.6	76.3	76.1	67.8	64.8	—	65.5
April 1994	67.9	67.8	61.1	55.3	—	56.4	75.3	75.2	66.7	64.1	—	64.7
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
North Dakota												
May 1994	79.3	78.4	65.6	58.9	—	59.7	84.6	79.3	W	62.7	—	66.9
April 1994	77.2	75.9	63.2	57.2	W	57.9	83.8	78.6	W	NA	—	62.2
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Ohio												
May 1994	67.7	67.3	60.7	55.3	W	57.7	77.0	76.2	67.3	60.7	—	65.1
April 1994	65.0	64.7	58.6	53.5	51.5	55.7	73.7	73.1	65.2	58.2	W	62.8
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Oklahoma												
May 1994	62.1	62.1	59.0	54.2	52.0	54.4	69.7	69.7	63.6	57.4	—	61.4
April 1994	60.1	60.2	58.1	52.7	50.0	52.7	67.9	67.9	62.7	56.3	—	60.5
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
South Dakota												
May 1994	73.5	73.1	65.8	58.6	W	60.1	78.4	78.2	69.4	W	—	66.0
April 1994	71.4	71.1	61.9	56.3	W	57.5	77.7	78.1	67.4	61.1	—	62.7
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Tennessee												
May 1994	61.6	61.4	59.6	53.1	W	54.4	71.8	71.4	65.3	58.1	—	60.2
April 1994	61.0	60.8	58.3	53.2	W	54.3	71.2	70.8	64.1	58.2	—	59.9
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Wisconsin												
May 1994	68.2	68.0	60.8	56.7	W	57.8	78.0	75.5	64.4	61.9	W	62.9
April 1994	65.5	65.3	58.5	54.6	W	55.6	73.4	73.1	62.1	60.0	—	60.9
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District III												
May 1994	65.3	65.0	58.8	53.1	49.0	53.4	74.5	73.9	64.0	57.8	NA	60.3
April 1994	63.8	63.5	58.3	52.6	48.0	52.6	73.1	72.5	63.4	57.5	NA	59.9
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Alabama												
May 1994	66.1	65.7	62.3	53.0	W	55.1	74.8	74.2	68.1	58.0	W	60.9
April 1994	64.3	64.1	61.5	53.0	W	54.9	73.1	72.7	67.0	58.1	—	60.6
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Arkansas												
May 1994	64.0	63.5	56.9	53.5	W	54.5	72.9	72.2	60.0	57.9	—	58.9
April 1994	63.5	63.0	55.9	52.8	W	53.8	72.7	71.9	60.0	57.4	—	58.6
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Louisiana												
May 1994	63.3	62.7	61.6	52.7	48.2	52.8	74.0	73.0	67.2	57.7	—	60.9
April 1994	62.3	62.0	62.0	52.7	47.4	53.0	72.9	71.9	67.5	57.7	—	61.0
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Mississippi												
May 1994	64.4	64.0	58.7	52.8	48.4	51.9	73.4	72.6	64.8	57.7	—	59.3
April 1994	63.1	62.7	58.2	53.0	49.0	53.0	72.3	71.6	63.8	57.6	—	58.9
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
New Mexico												
May 1994	72.3	72.1	65.9	61.0	—	62.3	78.4	78.1	70.9	65.2	—	67.1
April 1994	68.9	69.0	63.6	58.3	—	59.7	74.9	74.8	67.6	63.3	—	64.9
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Texas												
May 1994	65.2	65.0	58.0	52.5	49.2	52.8	74.8	74.4	63.4	57.5	NA	60.2
April 1994	63.5	63.3	57.6	51.9	47.9	51.7	73.2	72.8	62.8	57.0	NA	59.7
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District IV												
May 1994	70.9	71.0	63.0	60.2	W	60.9	79.6	78.7	66.2	63.9	—	65.1
April 1994	67.4	67.4	59.5	55.6	W	56.6	76.8	76.1	62.6	59.0	—	60.9
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Colorado												
May 1994	71.0	70.8	62.1	57.3	—	58.6	82.3	81.3	66.5	62.4	—	64.5
April 1994	70.3	70.0	60.5	55.3	—	56.7	81.5	80.6	65.2	59.6	—	62.7
May 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												
May 1994	81.4	81.1	71.9	64.5	—	66.6	70.8	70.4	62.9	57.3	W	58.4
April 1994	79.5	79.4	70.8	62.9	—	65.0	69.9	69.6	62.1	56.0	—	57.2
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
North Dakota												
May 1994	87.7	87.1	78.6	67.9	—	70.3	80.1	79.0	67.8	59.5	—	60.5
April 1994	86.2	86.6	75.7	66.3	—	68.6	78.0	76.8	65.2	57.7	W	58.7
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Ohio												
May 1994	84.4	83.7	73.2	64.4	—	69.2	71.7	71.3	63.9	57.1	W	60.3
April 1994	80.8	80.2	71.0	62.2	W	66.6	68.9	68.5	61.8	55.1	51.0	58.2
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Oklahoma												
May 1994	75.0	74.6	68.1	61.3	56.8	62.9	64.7	64.6	60.8	55.4	52.1	55.7
April 1994	73.1	72.6	66.6	59.8	W	61.6	62.8	62.8	59.8	54.0	50.0	53.9
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
South Dakota												
May 1994	85.7	82.0	73.5	68.7	—	69.7	74.9	74.5	66.6	59.6	W	61.1
April 1994	89.1	86.3	73.0	65.7	—	67.4	73.8	73.5	63.0	57.1	W	58.4
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Tennessee												
May 1994	80.4	79.8	73.6	63.0	—	65.5	67.8	67.5	64.3	56.2	W	58.0
April 1994	80.0	79.5	72.6	63.0	—	65.3	67.3	66.9	63.0	56.3	W	57.8
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Wisconsin												
May 1994	82.2	81.4	71.1	65.0	—	66.9	70.6	70.2	62.7	58.1	W	59.3
April 1994	79.9	79.2	69.1	62.9	—	64.9	68.0	67.7	60.4	56.0	W	57.2
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District III												
May 1994	82.9	81.8	70.7	62.7	53.6	63.7	70.1	69.6	62.2	55.4	49.7	55.9
April 1994	81.4	80.4	70.1	62.4	53.1	64.2	68.6	68.2	61.6	54.9	48.3	55.2
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Alabama												
May 1994	84.5	83.1	74.9	63.5	—	66.6	71.7	71.1	66.5	56.1	50.7	58.7
April 1994	82.7	81.6	73.8	63.2	—	66.0	70.0	69.5	65.6	56.1	W	58.4
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Arkansas												
May 1994	80.5	78.9	66.4	61.8	—	63.5	67.7	67.0	59.4	55.6	W	56.8
April 1994	80.2	78.8	66.5	61.7	—	63.5	67.3	66.5	58.8	54.8	W	56.2
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Louisiana												
May 1994	82.3	80.2	74.9	62.3	53.4	63.5	69.4	68.5	66.7	55.6	49.4	56.3
April 1994	81.2	79.5	75.1	62.2	W	65.4	68.3	67.6	66.8	55.5	47.4	56.5
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Mississippi												
May 1994	81.8	80.7	70.4	62.7	W	63.1	69.4	68.8	62.1	55.5	49.0	54.5
April 1994	80.8	79.7	69.6	62.8	W	63.9	68.5	67.9	61.3	55.6	49.1	55.6
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
New Mexico												
May 1994	84.9	84.5	76.5	70.4	—	72.2	74.2	73.8	67.5	62.2	—	63.6
April 1994	81.1	80.9	72.7	67.4	—	68.8	70.8	70.8	64.9	59.5	—	60.9
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Texas												
May 1994	82.9	82.3	69.7	62.3	53.4	63.0	70.0	69.6	61.2	54.6	49.8	55.1
April 1994	81.3	80.7	69.2	61.9	53.6	63.4	68.4	68.0	60.7	54.0	48.3	54.0
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District IV												
May 1994	86.4	85.6	71.8	68.9	—	69.8	74.4	74.2	65.0	61.8	W	62.7
April 1994	82.7	81.9	67.4	63.6	—	64.7	70.9	70.6	61.3	57.1	W	58.2
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Colorado												
May 1994	90.6	89.9	72.5	66.1	—	68.0	75.5	75.1	64.5	59.0	—	60.6
April 1994	90.5	89.6	70.8	63.8	—	66.1	75.0	74.4	63.0	56.8	—	58.7
May 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												
May 1994	68.1	68.6	63.1	60.4	—	61.4	73.8	71.9	63.8	61.9	—	62.8
April 1994	63.8	64.2	59.2	53.7	—	55.6	69.8	67.7	58.4	55.2	—	56.0
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Montana												
May 1994	80.5	79.9	72.3	65.3	W	66.3	W	NA	—	W	—	W
April 1994	71.9	72.5	68.4	60.8	W	61.9	63.6	71.3	—	W	—	W
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Utah												
May 1994	66.7	66.8	60.5	59.2	W	59.6	73.3	73.0	65.9	61.6	—	64.7
April 1994	59.7	59.8	55.3	52.1	W	53.0	65.2	65.3	58.8	55.2	—	57.6
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Wyoming												
May 1994	75.7	75.4	65.8	62.1	—	62.8	83.2	83.3	69.9	W	—	78.3
April 1994	71.8	71.6	61.9	58.3	—	59.0	78.9	79.0	64.5	W	—	72.0
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District V												
May 1994	73.8	73.3	65.1	56.9	51.0	60.7	81.7	80.8	71.8	61.1	W	69.3
April 1994	72.3	71.9	63.6	56.0	51.7	59.8	80.4	79.8	70.5	60.8	W	68.3
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Alaska												
May 1994	106.5	101.8	77.4	69.3	62.4	72.9	179.8	140.5	82.1	—	W	82.2
April 1994	105.9	101.1	76.7	67.8	W	72.6	W	NA	81.0	—	W	83.8
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Arizona												
May 1994	78.1	77.6	68.7	61.8	55.3	65.7	88.8	88.0	73.8	W	—	68.4
April 1994	77.9	77.3	67.6	59.5	52.9	63.9	88.4	87.9	NA	W	—	65.0
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
California												
May 1994	69.1	68.9	64.2	54.5	50.4	59.2	80.1	79.6	71.3	60.7	W	68.8
April 1994	67.4	67.4	62.9	54.3	51.5	58.8	78.8	78.4	70.0	60.7	W	68.0
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Hawaii												
May 1994	104.1	96.3	86.7	77.9	—	85.1	105.7	96.3	92.2	88.9	—	92.1
April 1994	105.1	97.7	86.2	76.8	—	84.5	107.7	97.6	91.5	86.8	—	91.3
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Nevada												
May 1994	78.6	77.1	63.2	58.0	W	60.8	85.1	84.7	71.3	64.6	—	68.8
April 1994	NA	NA	61.9	58.1	W	60.0	83.9	83.5	69.8	63.6	—	67.6
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Oregon												
May 1994	76.9	75.9	65.2	60.2	53.0	62.8	76.4	75.8	71.6	W	—	71.0
April 1994	74.7	74.0	62.6	57.3	W	59.2	77.2	76.4	70.5	W	—	70.0
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Washington												
May 1994	72.8	72.5	63.6	60.3	W	61.8	NA	72.3	70.7	W	—	NA
April 1994	69.2	69.2	60.8	57.4	W	59.1	73.9	73.6	66.8	W	—	61.4
May 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												
May 1994	79.7	79.7	71.3	69.2	-	70.0	69.7	69.9	64.5	61.7	-	62.7
April 1994	75.8	75.9	66.0	61.5	-	63.1	65.3	65.6	60.2	54.8	-	56.6
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Montana												
May 1994	90.4	89.5	78.4	74.5	-	74.9	82.1	81.3	73.2	67.0	W	67.9
April 1994	83.5	83.0	75.1	69.4	-	70.1	73.8	73.9	69.4	62.3	W	63.2
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Utah												
May 1994	80.2	79.8	69.9	67.7	-	68.5	70.6	70.8	63.5	61.2	W	62.0
April 1994	72.9	72.9	63.4	60.2	-	61.2	63.2	63.3	57.5	54.0	W	55.1
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming												
May 1994	88.3	87.6	74.8	70.9	-	71.9	77.9	77.3	67.7	63.7	-	64.5
April 1994	84.3	83.2	69.9	66.6	-	67.4	73.9	73.4	63.5	59.7	-	60.5
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District V												
May 1994	92.8	91.7	79.9	67.4	58.7	76.1	77.3	76.6	68.9	58.7	51.5	64.2
April 1994	91.7	90.7	78.4	67.6	57.5	75.0	76.0	75.4	67.5	57.9	52.3	63.3
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Alaska												
May 1994	107.9	105.4	87.4	78.0	-	83.9	107.9	103.4	78.6	70.0	62.8	74.0
April 1994	107.4	104.9	86.6	77.5	-	83.2	106.9	102.2	78.0	68.8	68.1	73.9
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Arizona												
May 1994	95.6	95.3	79.8	71.0	W	76.8	81.1	80.6	71.0	63.4	55.7	67.7
April 1994	95.7	95.2	79.1	71.8	W	76.8	80.8	80.2	69.7	61.1	53.2	66.0
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
California												
May 1994	88.9	87.9	79.2	63.9	58.1	75.0	73.3	73.0	68.4	56.4	51.0	63.1
April 1994	87.7	86.9	77.8	64.9	57.3	74.1	72.0	71.9	67.2	56.3	52.1	62.7
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii												
May 1994	122.0	111.5	100.0	89.5	-	98.6	108.8	100.3	92.0	81.8	-	90.5
April 1994	124.2	113.4	99.1	89.3	-	97.7	110.4	101.9	91.3	81.0	-	89.7
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
May 1994	97.4	96.5	78.3	72.1	W	75.8	82.4	80.9	66.7	60.3	W	63.8
April 1994	NA	NA	77.0	70.9	W	74.9	80.9	79.5	65.4	60.0	W	62.8
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Oregon												
May 1994	93.6	92.4	80.1	75.3	W	77.8	78.9	77.8	67.4	62.3	53.7	64.9
April 1994	92.5	91.4	78.1	71.8	-	75.2	77.0	76.2	65.0	59.3	W	61.3
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Washington												
May 1994	90.3	90.1	78.5	73.2	-	76.4	75.5	75.1	66.4	62.2	W	64.2
April 1994	87.0	86.8	75.0	69.9	-	72.9	72.1	72.0	63.3	59.2	W	61.3
May 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												
May 1994	70.0	70.5	62.2	61.8	W	62.0	82.2	80.4	69.5	59.4	-	64.0
April 1994	65.3	64.8	60.1	55.3	49.4	57.9	77.9	76.4	66.3	59.6	W	64.5
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District I												
May 1994	W	68.7	66.7	53.0	W	64.7	82.0	81.1	72.9	59.8	-	71.2
April 1994	64.0	63.4	60.0	53.8	49.4	57.2	77.3	75.8	66.3	60.1	W	65.0
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IA												
May 1994	-	W	W	W	-	64.3	-	W	W	W	-	W
April 1994	68.3	67.6	64.5	57.8	-	61.7	84.8	82.9	69.9	62.2	-	67.9
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut												
May 1994	-	W	W	W	-	64.3	-	W	W	W	-	W
April 1994	68.3	67.6	64.5	57.9	-	61.8	84.8	82.9	69.9	62.9	-	68.3
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	W	-	W	-	-	-	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IB												
May 1994	W	68.9	62.7	52.8	W	60.4	82.0	81.5	66.9	59.9	-	64.8
April 1994	63.6	63.1	59.6	53.4	49.4	56.8	76.5	75.2	65.9	59.8	W	64.6
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Delaware												
May 1994	-	-	-	W	-	W	-	-	-	W	-	W
April 1994	-	-	-	W	-	W	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
May 1994	-	-	-	W	-	W	-	-	W	-	-	W
April 1994	-	W	-	W	-	W	-	-	-	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey												
May 1994	W	W	63.5	53.1	-	61.4	NA	NA	67.5	61.7	-	65.6
April 1994	65.0	64.0	59.7	52.7	49.2	56.8	80.5	79.1	66.5	58.3	W	64.7
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New York												
May 1994	W	NA	59.7	W	-	58.0	W	NA	NA	W	-	62.9
April 1994	62.2	62.2	59.5	54.0	W	57.2	72.9	71.6	65.4	62.3	-	64.9
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania												
May 1994	W	W	-	-	W	W	W	W	-	-	-	-
April 1994	W	62.6	62.7	W	-	W	W	77.7	W	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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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
United States												
May 1994	89.5	88.8	73.3	64.5	—	71.5	77.0	76.9	67.2	62.0	W	65.2
April 1994	85.6	84.3	74.0	63.5	55.9	71.0	72.8	72.0	66.6	57.9	51.9	63.4
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
PAD District I												
May 1994	93.4	91.9	80.9	64.4	—	79.4	W	78.2	72.3	56.7	W	70.4
April 1994	85.6	84.2	74.5	63.6	55.9	71.2	72.5	71.5	66.9	57.3	51.9	63.5
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Subdistrict 1A												
May 1994	—	W	W	W	—	W	—	W	W	W	—	69.3
April 1994	94.5	92.7	78.4	68.2	—	74.6	77.3	76.3	69.6	61.2	—	66.4
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Connecticut												
May 1994	—	W	W	W	—	W	—	W	W	W	—	69.3
April 1994	94.5	92.7	78.4	68.6	—	74.9	77.3	76.3	69.6	61.5	—	66.6
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Maine												
May 1994	—	—	—	—	—	—	—	—	—	—	—	—
April 1994	—	—	—	—	—	—	—	—	—	—	—	—
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts												
May 1994	—	—	—	—	—	—	—	—	—	—	—	—
April 1994	—	—	—	W	—	W	—	—	—	W	—	W
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
New Hampshire												
May 1994	—	—	—	—	—	—	—	—	—	—	—	—
April 1994	—	—	—	—	—	—	—	—	—	—	—	—
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Rhode Island												
May 1994	—	—	—	—	—	—	—	—	—	—	—	—
April 1994	—	—	—	—	—	—	—	—	—	—	—	—
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Vermont												
May 1994	—	—	—	—	—	—	—	—	—	—	—	—
April 1994	—	—	—	—	—	—	—	—	—	—	—	—
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Subdistrict 1B												
May 1994	NA	NA	79.4	64.4	—	77.5	W	78.4	70.4	57.1	W	67.8
April 1994	85.0	83.6	74.3	63.2	55.9	71.0	72.1	71.1	66.7	56.9	51.9	63.2
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Delaware												
May 1994	—	—	—	—	—	—	—	—	—	W	—	W
April 1994	—	—	—	W	—	W	—	—	—	W	—	W
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
District of Columbia												
May 1994	—	—	—	—	—	—	—	—	—	—	—	—
April 1994	—	—	—	—	—	—	—	—	—	—	—	—
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Maryland												
May 1994	—	—	—	—	—	—	—	—	W	W	—	W
April 1994	—	—	—	W	—	W	—	W	—	W	—	W
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
New Jersey												
May 1994	NA	NA	NA	67.8	—	79.4	W	NA	71.5	58.4	—	69.2
April 1994	88.0	86.4	74.3	63.0	56.5	70.7	74.0	72.7	66.4	56.6	51.8	62.9
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
New York												
May 1994	W	NA	74.3	W	—	70.8	W	NA	66.4	W	—	63.7
April 1994	82.3	80.9	74.3	63.0	W	71.3	70.4	69.7	67.1	57.3	W	64.0
May 1993	—	—	—	—	—	—	—	—	—	—	—	—
Pennsylvania												
May 1994	W	W	—	—	—	—	W	W	—	—	W	W
April 1994	85.5	85.4	W	W	—	W	W	71.1	62.8	W	—	W
May 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												
May 1994	-	W	W	W	-	W	-	W	W	W	-	W
April 1994	W	W	W	W	-	W	W	W	W	-	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Florida												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Georgia												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina												
May 1994	-	-	-	W	-	W	-	-	-	-	-	-
April 1994	-	-	-	W	-	W	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Virginia												
May 1994	-	-	-	W	-	W	-	-	-	W	-	W
April 1994	W	W	W	-	-	W	W	W	W	-	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
West Virginia												
May 1994	-	W	W	-	-	W	-	W	W	-	-	W
April 1994	-	W	W	-	-	W	-	W	W	-	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District II												
May 1994	77.5	77.3	66.7	62.6	-	63.7	82.6	82.6	71.9	63.0	-	65.7
April 1994	73.8	73.6	64.0	61.4	-	62.1	81.7	81.5	67.2	62.0	-	63.5
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Illinois												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Indiana												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Iowa												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Kansas												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Kentucky												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Michigan												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Minnesota												
May 1994	77.5	77.3	65.7	62.6	-	63.2	82.6	82.6	W	63.0	-	63.9
April 1994	73.8	73.6	64.0	61.4	-	62.0	81.7	81.7	W	62.0	-	62.5
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Missouri												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 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
Subdistrict IC												
May 1994	-	W	W	-	-	W	-	W	W	W	-	W
April 1994	W	W	W	W	-	74.6	W	W	W	59.4	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Florida												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Georgia												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina												
May 1994	-	-	-	-	-	-	-	-	-	W	-	W
April 1994	-	-	-	W	-	W	-	-	-	59.4	-	59.4
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Virginia												
May 1994	-	-	-	-	-	-	-	-	-	W	-	W
April 1994	W	W	W	-	-	W	W	W	W	-	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
West Virginia												
May 1994	-	W	W	-	-	W	-	W	W	-	-	W
April 1994	-	W	W	-	-	W	-	W	W	-	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District II												
May 1994	90.7	90.6	77.8	66.1	-	69.3	79.7	79.4	68.8	63.1	-	64.6
April 1994	87.4	87.3	73.1	65.2	-	67.1	75.4	75.2	65.5	62.0	-	62.9
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Illinois												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Indiana												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Iowa												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Kansas												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Kentucky												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Michigan												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Minnesota												
May 1994	90.7	90.6	W	66.1	-	67.2	79.7	79.4	66.6	63.1	-	63.8
April 1994	87.4	87.3	W	65.2	-	66.0	75.4	75.2	64.7	62.0	-	62.5
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Missouri												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 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												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Ohio												
May 1994	-	-	W	-	-	W	-	W	W	-	-	W
April 1994	-	-	W	-	-	W	-	W	W	-	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Oklahoma												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District III												
May 1994	W	W	W	W	-	W	-	-	-	W	-	W
April 1994	W	W	W	W	-	NA	-	-	-	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Alabama												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Arkansas												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico												
May 1994	W	W	W	-	-	W	-	-	-	-	-	-
April 1994	W	W	W	W	-	W	-	-	-	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Texas												
May 1994	-	-	-	W	-	W	-	-	-	W	-	W
April 1994	-	W	-	W	-	W	-	-	-	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District IV												
May 1994	W	W	-	60.8	-	60.8	W	W	-	W	-	W
April 1994	W	W	W	59.7	-	59.8	W	W	-	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Colorado												
May 1994	W	W	-	W	-	W	W	W	-	W	-	W
April 1994	W	W	-	NA	-	59.7	W	W	-	W	-	W
May 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												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Ohio												
May 1994	-	-	W	-	-	W	-	W	W	-	-	W
April 1994	-	-	W	-	-	W	-	W	W	-	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Oklahoma												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District III												
May 1994	W	W	W	W	-	W	W	W	W	W	-	W
April 1994	W	W	W	W	-	W	W	W	W	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Alabama												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Arkansas												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico												
May 1994	W	W	W	-	-	W	W	W	W	-	-	W
April 1994	W	W	W	W	-	W	W	W	W	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Texas												
May 1994	-	-	-	W	-	W	-	-	-	W	-	W
April 1994	-	W	-	W	-	W	-	W	-	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District IV												
May 1994	W	W	-	W	-	W	W	W	-	61.6	-	61.6
April 1994	NA	102.1	-	66.9	-	66.9	87.7	87.7	W	60.5	-	60.5
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Colorado												
May 1994	W	W	-	W	-	W	W	W	-	W	-	W
April 1994	W	W	-	66.4	-	66.4	W	W	-	60.3	-	60.3
May 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												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Montana												
May 1994	-	-	-	W	-	W	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	W	-	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Utah												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	W	-	W	W	W	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	W	-	-	W	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District V												
May 1994	64.8	66.3	60.3	58.9	-	60.2	-	72.1	66.3	W	-	66.0
April 1994	62.8	63.4	59.8	57.4	-	59.7	79.5	73.5	64.2	W	-	63.8
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Alaska												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Arizona												
May 1994	W	W	W	W	-	W	-	-	-	-	-	-
April 1994	W	W	W	W	-	64.9	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
California												
May 1994	W	61.3	60.1	57.0	-	60.0	-	NA	66.2	-	-	66.2
April 1994	W	60.4	58.3	53.1	-	58.2	W	73.2	64.2	57.3	-	64.1
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
May 1994	W	W	W	-	-	W	-	-	W	-	-	W
April 1994	W	W	W	-	-	W	W	W	W	-	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Oregon												
May 1994	73.3	75.2	-	-	-	-	-	-	-	-	-	-
April 1994	W	W	-	W	-	W	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Washington												
May 1994	-	W	W	W	-	61.3	-	-	-	W	-	W
April 1994	W	74.5	W	58.7	-	64.7	-	-	-	W	-	W
May 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												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Montana												
May 1994	-	-	-	W	-	W	-	-	-	W	-	W
April 1994	-	-	-	W	-	W	-	-	-	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Utah												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	W	W	-	W	-	W	W	W	-	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	W	-	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District V												
May 1994	W	86.4	W	70.6	-	W	74.2	74.4	66.3	63.6	-	66.1
April 1994	W	83.7	71.3	67.4	-	71.2	72.0	71.9	65.0	60.5	-	64.7
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Alaska												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Arizona												
May 1994	W	W	W	W	-	W	W	W	W	W	-	W
April 1994	W	W	W	W	-	77.7	W	W	W	W	-	67.9
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
California												
May 1994	W	W	W	W	-	W	W	73.6	66.3	W	-	66.3
April 1994	W	W	70.6	W	-	70.5	W	72.0	64.4	W	-	64.3
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
May 1994	-	-	-	-	-	-	W	W	W	-	-	W
April 1994	W	W	-	-	-	-	W	W	W	-	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Oregon												
May 1994	NA	94.1	-	-	-	-	75.1	77.1	-	-	-	-
April 1994	83.6	83.6	-	W	-	W	W	W	-	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Washington												
May 1994	W	NA	83.8	71.7	-	77.7	W	81.6	79.4	62.1	-	65.0
April 1994	W	82.6	W	71.6	-	80.3	W	76.9	W	60.2	-	68.0
May 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												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District I												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IA												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IB												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Delaware												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New York												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-

To be published when available

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												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District I												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IA												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IB												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Delaware												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New York												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania												
May 1994	-	-	-	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-	-	-
May 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												
May 1994	66.7	56.5	55.9	76.4	60.0	62.6	84.9	65.4	68.3	71.6	58.4	59.2
April 1994	64.9	55.0	54.6	74.8	58.8	61.4	83.4	63.9	67.2	70.0	56.9	57.8
May 1993	75.8	67.8	66.1	84.9	72.3	72.3	93.7	77.9	78.4	80.5	70.0	69.2
PAD District I												
May 1994	62.7	54.1	55.0	74.8	57.5	61.5	83.4	62.8	68.7	69.8	56.3	59.7
April 1994	61.5	52.9	53.8	73.7	56.6	60.5	82.7	61.6	67.3	68.8	55.0	58.4
May 1993	72.0	65.3	64.9	84.0	69.9	71.4	93.0	74.2	78.5	78.9	67.5	69.4
Subdistrict IA												
May 1994	65.4	53.5	56.0	78.9	58.5	63.1	89.1	65.7	70.3	74.2	56.4	60.3
April 1994	65.5	51.0	54.6	78.7	55.6	61.2	89.3	60.5	67.8	74.4	53.5	58.8
May 1993	75.0	61.9	65.9	88.5	68.2	71.4	97.9	69.8	78.6	83.5	63.6	69.9
Connecticut												
May 1994	W	54.0	56.2	W	60.9	62.9	W	66.9	70.3	W	57.9	60.5
April 1994	W	51.7	56.2	W	60.6	62.1	W	63.0	69.4	W	55.8	60.6
May 1993	77.5	62.4	65.7	W	69.7	71.3	W	70.0	79.0	W	65.5	70.1
Maine												
May 1994	-	W	56.5	-	W	60.8	-	W	67.9	-	W	59.2
April 1994	-	W	53.9	-	W	58.1	-	W	64.5	-	W	56.3
May 1993	-	W	62.6	-	W	66.6	-	W	74.1	-	W	65.0
Massachusetts												
May 1994	65.2	52.8	55.5	77.7	58.0	63.8	87.9	W	70.8	73.6	56.4	60.1
April 1994	65.4	50.3	54.1	78.1	54.7	61.5	88.6	58.9	67.7	74.0	53.2	58.6
May 1993	75.7	61.7	67.8	89.0	66.6	73.2	98.6	69.1	79.3	84.0	62.6	71.8
New Hampshire												
May 1994	64.4	W	57.5	79.4	W	63.2	88.1	W	71.1	72.7	W	61.3
April 1994	64.2	W	55.7	79.3	W	61.6	88.3	W	69.0	72.8	W	59.5
May 1993	74.0	62.0	66.1	87.9	W	71.1	94.9	W	78.9	81.3	63.1	69.5
Rhode Island												
May 1994	62.4	53.6	56.4	73.9	W	62.5	82.4	64.9	69.8	70.0	54.9	61.0
April 1994	61.5	51.1	52.8	72.9	W	59.4	81.8	63.4	65.9	69.4	52.3	56.8
May 1993	69.6	64.1	64.2	81.9	W	69.9	90.3	W	78.0	77.3	66.1	68.1
Vermont												
May 1994	-	W	59.5	-	-	65.3	-	-	70.4	-	W	62.7
April 1994	-	W	58.1	-	-	64.3	-	-	69.2	-	W	61.5
May 1993	-	W	67.6	-	-	72.7	-	-	79.0	-	W	70.7
Subdistrict IB												
May 1994	63.3	54.5	55.5	75.6	58.3	62.5	84.3	65.7	69.8	70.4	56.7	60.6
April 1994	62.2	52.1	53.3	74.6	56.3	60.8	84.1	61.5	67.7	69.4	54.0	58.4
May 1993	71.5	65.6	64.3	83.2	71.2	W	92.5	75.2	78.4	78.0	67.9	69.2
Delaware												
May 1994	67.2	W	54.8	80.8	W	60.0	93.0	W	67.6	76.4	W	58.5
April 1994	W	W	51.9	W	W	57.5	W	W	64.5	W	52.8	55.4
May 1993	W	W	62.9	W	W	67.5	W	W	75.5	W	W	66.3
District of Columbia												
May 1994	-	W	61.3	-	W	67.1	-	W	75.0	-	W	69.5
April 1994	-	W	61.4	-	W	66.5	-	W	74.3	-	W	69.0
May 1993	-	W	69.8	-	W	75.5	-	W	82.9	-	W	77.2
Maryland												
May 1994	W	52.6	57.3	-	W	63.3	W	W	70.4	W	54.3	62.2
April 1994	W	51.3	55.6	W	W	61.9	W	60.6	68.7	W	53.2	60.6
May 1993	-	64.3	66.3	-	67.8	72.6	-	73.7	78.5	-	66.6	70.8
New Jersey												
May 1994	66.5	53.3	55.9	80.4	57.3	65.0	89.4	66.1	71.2	75.8	57.2	62.2
April 1994	65.4	51.0	53.6	80.2	55.5	63.0	88.7	60.9	68.8	74.8	53.8	59.7
May 1993	75.7	63.8	64.7	89.6	66.5	72.4	98.6	72.6	79.1	84.6	66.4	70.4
New York												
May 1994	61.9	56.4	56.3	73.3	60.1	63.0	81.8	67.1	70.8	68.0	58.2	61.5
April 1994	60.4	53.9	54.3	72.3	59.5	62.2	82.0	62.3	70.0	66.8	55.5	60.0
May 1993	70.2	66.7	64.9	81.7	75.2	72.3	90.7	77.4	80.2	76.0	69.4	70.4
Pennsylvania												
May 1994	63.2	55.1	53.8	75.0	62.0	59.6	82.8	68.6	68.6	69.8	57.1	57.6
April 1994	62.3	52.1	51.4	73.6	56.5	57.1	82.4	64.1	63.1	68.8	53.5	54.9
May 1993	70.7	66.4	62.7	81.4	75.4	68.2	89.3	78.3	75.2	76.4	68.7	66.3

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												
May 1994	62.0	53.9	54.4	73.6	57.1	60.5	82.3	61.0	67.2	69.1	56.0	58.6
April 1994	60.8	53.8	54.1	72.8	56.9	60.2	81.3	61.8	66.8	68.0	55.9	58.3
May 1993	72.1	66.7	65.2	84.1	69.6	71.5	92.9	74.5	78.5	79.2	68.6	69.4
Florida												
May 1994	62.6	53.1	55.5	75.6	56.2	62.4	83.6	59.3	70.5	71.2	55.2	61.1
April 1994	61.3	53.4	55.3	74.7	56.4	62.1	82.7	60.6	70.3	69.9	55.4	60.7
May 1993	73.5	65.5	66.6	86.6	68.4	74.1	94.9	72.9	82.6	82.1	68.0	72.4
Georgia												
May 1994	59.1	54.4	53.5	70.1	57.4	59.4	79.0	61.3	64.8	65.7	56.4	57.1
April 1994	58.0	53.4	53.1	68.7	56.6	58.9	77.9	61.3	64.2	64.5	55.8	56.6
May 1993	69.5	66.4	64.5	80.0	68.9	70.0	88.8	74.2	76.2	75.5	68.1	67.9
North Carolina												
May 1994	60.8	52.8	53.4	70.4	56.0	58.2	77.6	60.8	64.1	65.9	54.6	56.5
April 1994	58.9	52.8	53.3	68.5	56.2	58.2	76.8	60.9	63.8	64.1	54.6	56.4
May 1993	70.5	65.1	64.1	80.9	69.9	69.2	90.2	NA	74.6	75.8	65.6	67.0
South Carolina												
May 1994	57.9	53.4	53.3	68.7	56.6	58.3	77.9	62.2	64.1	63.5	55.5	56.3
April 1994	57.2	53.5	53.1	67.9	56.7	58.1	77.6	61.7	63.2	62.8	55.4	56.1
May 1993	67.4	65.3	63.8	77.7	68.9	68.8	87.1	74.6	74.7	72.7	67.4	66.6
Virginia												
May 1994	65.2	54.4	55.3	75.7	56.7	61.4	85.1	62.0	67.6	71.1	56.1	59.6
April 1994	64.2	53.5	54.7	77.1	56.4	60.7	83.9	61.9	67.2	71.6	55.5	59.0
May 1993	73.8	66.7	65.8	86.6	69.2	71.8	94.2	74.3	77.6	80.9	68.5	69.7
West Virginia												
May 1994	70.1	58.8	55.0	81.5	64.1	60.3	89.4	71.2	67.0	75.2	62.1	58.1
April 1994	69.7	59.5	54.6	81.3	67.6	59.5	88.0	72.5	66.8	74.7	62.8	57.6
May 1993	79.4	72.9	66.8	89.3	79.2	71.5	97.4	85.3	78.3	83.6	75.8	69.8
PAD District II												
May 1994	66.7	58.1	56.0	76.2	64.5	62.9	82.9	67.6	66.5	70.7	60.1	58.2
April 1994	64.8	56.0	54.4	74.0	61.8	61.4	80.7	65.6	64.8	68.8	58.1	56.6
May 1993	76.2	68.3	65.9	85.3	75.5	W	92.0	78.5	76.7	79.8	70.4	67.9
Illinois												
May 1994	66.2	56.3	56.5	75.9	W	66.2	83.0	73.8	69.8	70.8	56.8	60.1
April 1994	64.3	53.8	54.4	73.9	W	64.1	81.1	71.9	66.5	68.9	55.2	57.8
May 1993	74.0	66.0	65.8	84.9	W	74.8	91.7	78.0	79.6	78.9	67.1	69.0
Indiana												
May 1994	64.7	57.7	54.9	72.0	W	62.1	76.7	64.3	65.8	67.8	58.6	57.4
April 1994	63.8	55.9	53.5	70.9	W	60.7	76.3	61.2	63.9	67.0	57.0	56.0
May 1993	77.3	65.7	65.6	84.5	W	73.2	90.1	72.8	76.8	80.2	66.8	68.2
Iowa												
May 1994	64.3	58.5	56.7	W	—	62.7	73.7	W	66.2	65.5	58.6	57.4
April 1994	64.2	W	55.4	W	—	61.2	73.6	—	65.1	65.4	W	56.0
May 1993	75.6	W	66.4	81.0	—	72.3	85.9	—	74.8	76.8	W	67.0
Kansas												
May 1994	62.4	56.0	54.7	72.5	61.7	63.4	78.0	62.6	63.5	65.0	57.1	55.6
April 1994	62.1	53.8	53.3	72.7	W	62.1	77.9	W	61.8	64.7	55.0	54.1
May 1993	74.2	66.1	63.9	85.2	W	71.5	89.6	W	73.0	76.9	67.3	64.8
Kentucky												
May 1994	69.8	58.9	55.4	81.5	W	60.5	88.6	69.9	65.2	75.3	61.9	58.1
April 1994	66.7	57.0	54.6	78.6	W	59.6	86.1	69.1	64.5	72.3	60.2	57.4
May 1993	77.4	70.8	66.7	87.9	W	72.1	94.9	84.6	77.5	82.2	74.1	69.3
Michigan												
May 1994	65.9	57.2	56.9	74.1	W	63.1	80.6	66.6	67.6	69.0	59.4	59.3
April 1994	64.2	54.4	54.8	72.4	W	61.0	77.6	64.3	65.6	67.4	56.9	57.2
May 1993	76.7	66.8	67.3	85.9	W	73.8	92.1	76.1	78.5	79.7	69.1	69.5
Minnesota												
May 1994	75.4	57.6	58.9	82.6	W	66.0	90.7	W	68.0	77.9	58.3	60.1
April 1994	73.3	56.4	57.4	80.7	W	65.2	88.5	W	66.7	75.8	56.7	58.6
May 1993	82.2	67.7	68.1	89.7	W	76.0	96.1	W	77.6	84.6	68.1	69.3
Missouri												
May 1994	63.4	55.7	55.3	74.7	W	62.9	83.5	62.6	64.9	67.6	56.5	57.2
April 1994	61.8	53.7	53.6	73.2	W	61.5	81.2	60.9	63.4	66.0	54.6	55.5
May 1993	72.6	65.3	65.2	84.0	69.0	72.6	90.9	72.9	75.3	77.0	66.1	67.2

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												
May 1994	67.3	56.0	56.9	72.7	—	—	81.0	W	66.5	69.0	56.6	57.5
April 1994	66.0	53.5	55.6	71.9	—	W	80.0	W	65.1	67.7	53.9	56.2
May 1993	77.3	66.1	66.5	82.0	—	W	89.7	W	76.6	78.5	66.4	67.1
North Dakota												
May 1994	75.3	W	59.2	78.9	—	W	92.1	—	70.7	77.1	W	60.2
April 1994	72.4	59.8	57.5	78.1	—	W	88.0	—	68.8	74.5	59.8	58.4
May 1993	85.1	W	68.9	W	—	W	98.0	W	80.7	87.1	W	69.9
Ohio												
May 1994	68.4	60.8	57.4	78.3	W	65.6	85.9	72.3	69.4	72.8	62.9	60.2
April 1994	65.7	59.0	55.4	75.1	W	63.4	82.4	69.4	67.2	70.0	60.8	58.1
May 1993	77.5	72.1	67.6	86.0	75.2	74.6	93.3	83.2	79.1	81.2	74.2	70.0
Oklahoma												
May 1994	62.1	54.3	53.4	70.8	57.1	57.7	78.6	60.9	60.9	66.0	55.6	54.3
April 1994	59.7	52.7	51.5	68.3	55.7	56.6	76.0	59.3	59.7	63.6	54.1	52.5
May 1993	71.9	64.0	62.6	80.3	W	65.7	87.9	71.3	69.8	75.6	65.0	63.4
South Dakota												
May 1994	W	W	58.8	W	—	W	84.3	W	69.4	71.8	W	59.7
April 1994	69.1	W	56.7	W	—	W	82.4	W	66.6	69.8	W	57.4
May 1993	80.7	68.3	68.4	W	—	W	87.0	—	79.0	81.1	68.3	69.2
Tennessee												
May 1994	62.6	55.9	53.4	73.6	56.5	58.9	81.4	61.9	64.0	69.3	57.1	56.8
April 1994	61.7	55.0	53.5	72.6	56.8	58.9	81.2	61.8	63.9	68.5	56.3	56.8
May 1993	73.2	64.2	64.1	83.0	70.6	69.5	91.5	73.1	74.9	79.0	66.5	67.2
Wisconsin												
May 1994	67.0	56.7	56.5	78.3	—	62.8	84.2	69.7	65.9	70.4	57.7	58.2
April 1994	64.1	54.6	54.6	75.7	—	61.0	81.4	67.0	63.8	67.6	55.7	56.2
May 1993	73.4	66.1	65.6	83.8	—	71.8	88.2	77.3	75.4	76.3	67.3	67.2
PAD District III												
May 1994	64.9	53.0	52.3	75.8	55.3	58.9	84.1	61.1	62.2	71.1	54.8	54.7
April 1994	63.0	52.6	51.6	74.3	55.1	58.4	82.5	60.1	62.6	69.4	54.2	54.0
May 1993	75.1	65.5	63.3	85.1	67.2	69.0	93.1	73.1	72.8	80.9	67.2	65.6
Alabama												
May 1994	62.8	52.3	53.1	73.1	55.7	58.6	81.1	60.9	63.9	69.0	54.7	56.4
April 1994	61.0	52.8	53.2	71.0	55.9	58.7	78.6	60.6	63.8	67.1	55.3	56.4
May 1993	73.3	64.1	63.7	83.3	66.8	66.9	91.7	73.7	74.4	79.2	66.9	66.6
Arkansas												
May 1994	62.2	W	53.3	74.2	W	57.8	82.2	—	61.9	67.3	54.9	55.5
April 1994	62.7	W	52.8	74.4	W	57.6	82.3	W	61.8	67.6	53.7	54.9
May 1993	72.7	W	63.5	84.3	W	68.0	92.1	W	72.7	77.3	W	65.5
Louisiana												
May 1994	64.1	52.7	52.1	76.7	W	59.9	85.2	59.9	62.3	71.9	54.8	55.3
April 1994	63.3	52.4	52.2	76.3	W	60.0	84.9	W	64.3	71.3	54.6	55.7
May 1993	73.6	63.6	63.1	85.3	67.0	69.6	93.0	71.5	74.0	80.8	66.1	66.1
Mississippi												
May 1994	64.0	52.3	50.9	72.8	55.2	57.8	80.8	61.1	61.3	68.9	54.5	53.2
April 1994	63.7	52.6	52.1	72.6	55.5	57.7	80.5	59.9	62.4	68.6	54.5	54.6
May 1993	72.9	63.1	62.4	81.3	68.1	67.8	89.6	73.0	71.9	77.4	64.1	64.6
New Mexico												
May 1994	75.6	62.0	61.0	W	—	65.9	93.5	W	70.7	78.1	62.5	62.3
April 1994	70.4	59.5	58.0	W	—	62.5	88.3	—	67.3	72.9	59.5	59.2
May 1993	91.6	76.7	73.2	W	W	80.4	105.3	85.1	82.7	93.5	77.7	74.2
Texas												
May 1994	64.4	52.8	51.8	75.9	55.0	58.8	84.0	61.3	61.6	71.0	54.5	54.0
April 1994	62.5	52.3	50.8	74.3	54.9	58.0	82.4	60.1	61.8	69.3	53.8	52.9
May 1993	74.5	64.9	62.9	85.2	67.2	W	93.0	72.4	71.9	80.6	66.4	64.9
PAD District IV												
May 1994	69.9	60.6	59.7	81.4	W	63.3	90.0	67.6	68.7	75.4	62.1	61.5
April 1994	67.6	54.1	55.3	78.6	—	59.6	86.2	61.4	63.5	72.8	55.4	57.0
May 1993	82.2	69.1	68.0	89.9	W	74.4	97.4	74.5	76.6	85.9	70.1	69.6
Colorado												
May 1994	70.3	W	57.3	82.8	—	63.5	92.7	W	66.7	76.0	W	59.3
April 1994	69.4	W	55.9	81.7	—	62.1	91.6	65.2	65.2	75.1	W	57.9
May 1993	83.6	W	67.5	91.8	W	75.0	102.3	W	77.3	87.5	W	69.5

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												
May 1994	W	62.1	60.4	—	—	62.0	W	W	69.2	W	62.2	61.8
April 1994	W	55.6	53.6	—	—	54.5	W	W	61.7	W	55.8	54.9
May 1993	W	W	68.2	—	—	W	W	W	76.3	W	W	69.1
Montana												
May 1994	W	W	65.1	W	—	—	W	W	74.0	W	W	66.6
April 1994	W	60.0	60.7	—	—	—	W	W	69.2	W	61.6	62.1
May 1993	W	NA	70.0	—	—	—	W	—	78.2	W	73.1	71.1
Utah												
May 1994	66.6	59.1	58.7	74.7	W	63.0	82.9	66.7	67.7	72.4	61.6	61.1
April 1994	57.6	52.2	51.7	65.7	—	55.3	73.7	58.8	60.1	63.5	53.3	53.8
May 1993	75.4	67.4	67.1	81.7	—	W	86.6	W	75.0	79.3	69.3	68.7
Wyoming												
May 1994	73.1	66.3	61.2	W	—	W	89.5	W	70.2	76.7	66.9	62.7
April 1994	66.6	59.7	57.5	W	—	W	83.8	W	66.0	70.4	62.2	58.9
May 1993	82.1	71.2	69.2	—	—	W	92.1	W	76.9	84.0	72.2	70.4
PAD District V												
May 1994	71.9	61.6	60.8	82.0	66.9	69.7	91.6	74.0	76.1	76.1	64.1	64.6
April 1994	70.0	60.4	59.6	80.2	66.6	68.1	89.8	72.9	74.8	74.5	63.1	63.4
May 1993	79.1	73.1	71.0	84.5	76.5	77.6	97.7	85.6	85.5	82.7	76.1	74.3
Alaska												
May 1994	100.4	W	69.1	—	—	W	105.4	W	81.4	101.2	W	70.5
April 1994	100.1	W	69.7	—	—	W	105.6	W	80.7	100.9	W	71.1
May 1993	98.3	75.6	74.1	—	—	—	105.9	W	83.5	98.7	76.0	75.3
Arizona												
May 1994	76.6	63.3	64.5	W	—	74.3	94.4	W	75.8	80.3	64.4	66.7
April 1994	77.2	60.1	63.4	W	—	NA	94.8	72.5	76.1	80.6	60.5	65.6
May 1993	83.7	77.8	74.6	83.0	—	76.1	98.9	W	86.2	85.9	78.3	76.2
California												
May 1994	68.6	59.4	59.7	81.3	66.9	69.1	89.2	74.8	75.3	73.5	62.6	64.0
April 1994	66.8	58.9	58.8	79.6	66.8	67.6	87.6	73.4	74.0	72.2	62.1	63.0
May 1993	77.3	70.6	70.9	84.3	74.9	77.4	96.9	85.7	85.4	81.9	75.3	74.7
Hawaii												
May 1994	100.1	W	85.0	104.1	W	92.1	116.1	W	98.4	105.0	W	90.4
April 1994	100.1	62.4	84.4	104.1	W	91.3	116.2	W	97.6	105.0	65.7	89.7
May 1993	102.1	W	93.4	109.5	W	99.6	117.9	W	106.6	107.4	W	98.7
Nevada												
May 1994	71.3	62.3	61.5	81.8	W	69.6	88.6	W	76.0	74.4	62.5	64.5
April 1994	70.3	62.7	60.2	80.6	W	68.2	87.6	—	75.1	73.3	62.8	63.2
May 1993	73.6	72.6	68.5	70.6	W	72.0	88.9	W	81.2	75.4	73.5	70.8
Oregon												
May 1994	77.9	58.5	61.8	W	W	W	96.8	W	77.1	81.1	58.8	64.1
April 1994	74.7	56.2	58.4	W	—	W	94.3	W	74.7	77.9	56.5	60.6
May 1993	84.8	72.2	70.3	W	—	—	102.7	W	85.3	86.5	72.7	71.8
Washington												
May 1994	72.8	61.0	61.0	W	—	W	91.8	W	75.9	75.8	61.2	63.6
April 1994	68.1	59.4	58.5	W	—	W	86.7	W	72.8	71.0	60.5	60.9
May 1993	75.5	68.4	68.3	W	W	72.0	94.1	81.1	81.6	77.2	69.4	70.4

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						
May 1994	92.3	91.2	50.9	50.6	NA	53.2
April 1994	91.3	89.5	50.7	50.8	69.7	55.0
May 1993	102.2	99.4	59.9	60.1	68.8	58.3
PAD District I						
May 1994	91.4	90.5	50.5	52.3	NA	54.9
April 1994	89.1	89.0	49.9	52.0	66.9	55.7
May 1993	100.9	97.4	59.0	60.5	67.7	61.4
Subdistrict IA						
May 1994	W	W	53.7	55.3	NA	54.7
April 1994	W	90.7	53.4	54.7	63.8	56.7
May 1993	W	W	62.1	63.0	63.8	62.9
Connecticut						
May 1994	W	W	53.7	W	W	W
April 1994	W	88.7	54.5	W	W	W
May 1993	W	W	61.3	62.0	W	W
Maine						
May 1994	W	-	W	W	W	56.2
April 1994	W	W	W	W	-	57.6
May 1993	W	-	W	W	W	63.8
Massachusetts						
May 1994	W	93.9	52.9	54.4	W	53.3
April 1994	W	91.4	52.4	53.5	W	54.7
May 1993	W	W	61.4	W	W	W
New Hampshire						
May 1994	W	W	55.7	W	W	W
April 1994	W	W	53.6	W	W	W
May 1993	W	W	64.2	W	-	W
Rhode Island						
May 1994	W	W	53.7	W	-	54.9
April 1994	W	W	53.5	W	-	W
May 1993	W	W	63.0	W	-	W
Vermont						
May 1994	W	W	62.9	NA	-	W
April 1994	W	W	63.0	60.9	-	W
May 1993	W	W	W	W	-	W
Subdistrict IB						
May 1994	95.0	90.5	50.3	51.0	NA	56.2
April 1994	94.3	87.9	49.7	50.3	66.7	56.3
May 1993	102.7	98.2	58.4	59.3	67.1	61.5
Delaware						
May 1994	W	W	60.8	-	-	-
April 1994	W	W	61.1	W	-	-
May 1993	W	-	68.0	W	-	W
District of Columbia						
May 1994	W	-	-	-	-	-
April 1994	-	-	-	-	-	-
May 1993	W	-	-	-	-	-
Maryland						
May 1994	W	W	50.0	51.0	NA	53.3
April 1994	W	W	49.6	50.7	W	55.4
May 1993	W	W	58.6	60.3	W	62.1
New Jersey						
May 1994	W	90.0	50.1	50.8	W	53.7
April 1994	93.9	W	49.4	49.7	W	54.8
May 1993	100.4	W	58.1	58.9	W	59.7
New York						
May 1994	W	89.4	53.0	52.7	NA	54.5
April 1994	W	88.1	53.7	56.6	72.3	58.0
May 1993	W	95.5	62.3	60.2	W	63.5
Pennsylvania						
May 1994	W	91.8	50.4	49.9	NA	60.4
April 1994	W	88.5	49.9	49.1	80.2	56.0
May 1993	W	102.1	58.2	59.2	NA	62.6

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						
May 1994	88.9	90.1	50.1	54.9	63.0	52.5
April 1994	86.4	89.1	49.4	54.5	69.2	54.4
May 1993	98.9	97.2	59.0	63.1	77.2	60.9
Florida						
May 1994	85.0	86.0	50.8	54.8	W	52.4
April 1994	83.5	86.4	50.0	53.9	W	53.3
May 1993	96.6	95.7	59.7	63.3	81.9	65.3
Georgia						
May 1994	92.9	92.3	48.3	53.5	NA	52.2
April 1994	90.4	91.3	47.9	54.3	NA	52.3
May 1993	98.8	W	58.3	61.3	NA	58.1
North Carolina						
May 1994	94.4	W	50.4	56.2	W	50.5
April 1994	W	W	49.5	56.0	W	51.5
May 1993	103.6	W	58.6	63.7	W	59.9
South Carolina						
May 1994	W	W	54.3	W	NA	51.0
April 1994	91.7	W	53.8	W	NA	50.8
May 1993	W	98.0	62.9	85.9	NA	61.3
Virginia						
May 1994	97.8	94.5	50.0	54.3	W	54.6
April 1994	W	90.0	49.2	54.6	W	57.7
May 1993	W	W	58.3	63.3	66.6	61.0
West Virginia						
May 1994	W	92.8	W	W	W	59.9
April 1994	W	W	W	W	NA	65.7
May 1993	W	W	W	W	NA	67.5
PAD District II						
May 1994	89.2	89.9	50.8	53.0	NA	58.3
April 1994	88.6	89.0	49.6	52.2	80.4	63.2
May 1993	96.6	96.2	59.0	60.2	71.1	66.4
Illinois						
May 1994	W	W	49.5	52.4	67.2	55.9
April 1994	NA	W	48.6	52.6	71.2	61.8
May 1993	W	W	57.8	60.4	71.7	63.6
Indiana						
May 1994	91.7	90.3	49.4	51.7	W	59.5
April 1994	92.2	89.9	48.4	50.4	W	61.4
May 1993	98.9	95.5	57.7	57.6	W	64.6
Iowa						
May 1994	W	91.1	54.3	60.2	—	69.8
April 1994	W	91.5	54.4	60.7	—	W
May 1993	W	96.3	62.9	68.2	—	W
Kansas						
May 1994	W	87.5	54.2	W	—	W
April 1994	W	85.1	52.6	53.4	—	W
May 1993	W	94.7	57.6	67.0	—	W
Kentucky						
May 1994	92.4	89.6	53.4	53.3	87.4	59.3
April 1994	91.9	W	52.3	50.7	84.5	65.4
May 1993	103.7	W	61.3	59.8	89.9	65.1
Michigan						
May 1994	W	W	50.6	52.4	118.7	61.9
April 1994	W	W	49.6	51.7	117.5	65.8
May 1993	W	W	59.7	62.4	NA	66.7
Minnesota						
May 1994	W	88.8	51.5	53.9	W	64.0
April 1994	W	88.9	48.1	52.2	W	65.1
May 1993	W	96.8	60.5	63.4	W	W
Missouri						
May 1994	W	91.1	50.9	55.9	—	60.7
April 1994	W	88.6	50.4	54.7	—	62.2
May 1993	W	96.7	59.2	64.3	—	70.2

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Nebraska						
May 1994	W	90.4	52.0	59.0	—	W
April 1994	W	W	51.4	58.8	—	W
May 1993	W	96.2	60.4	68.4	—	—
North Dakota						
May 1994	85.7	W	60.9	65.2	W	—
April 1994	82.8	W	60.7	64.9	—	W
May 1993	W	W	67.4	70.5	—	—
Ohio						
May 1994	W	91.6	52.4	54.5	NA	59.8
April 1994	W	90.6	51.2	52.5	75.4	64.5
May 1993	W	98.4	60.1	63.1	68.4	67.3
Oklahoma						
May 1994	W	85.7	49.1	49.3	W	—
April 1994	W	84.6	48.5	50.1	W	W
May 1993	W	W	59.4	57.2	—	65.6
South Dakota						
May 1994	W	W	60.2	W	—	W
April 1994	W	W	60.9	W	—	W
May 1993	W	W	68.4	W	—	—
Tennessee						
May 1994	91.3	89.6	51.6	56.0	W	56.6
April 1994	91.0	88.7	51.1	53.2	73.0	56.4
May 1993	W	96.2	57.9	63.9	NA	64.4
Wisconsin						
May 1994	—	90.5	51.4	52.3	W	W
April 1994	W	90.1	51.9	51.5	W	66.3
May 1993	—	95.6	60.2	63.1	W	72.1
PAD District III						
May 1994	87.7	82.1	48.2	48.8	W	48.5
April 1994	87.3	80.4	47.6	48.8	66.0	48.7
May 1993	98.8	89.6	56.7	57.2	W	W
Alabama						
May 1994	89.8	90.3	53.9	54.0	W	54.8
April 1994	W	89.6	53.4	53.3	W	55.2
May 1993	100.8	98.0	61.8	63.9	W	60.0
Arkansas						
May 1994	W	W	53.5	54.7	—	51.8
April 1994	W	W	53.9	56.4	—	W
May 1993	W	W	61.6	64.2	—	61.5
Louisiana						
May 1994	W	83.4	49.1	49.5	W	W
April 1994	W	86.4	46.7	49.7	W	47.6
May 1993	W	93.4	56.6	56.4	W	W
Mississippi						
May 1994	W	88.0	47.6	W	W	W
April 1994	W	86.8	47.7	W	W	64.0
May 1993	101.0	W	57.6	55.7	—	W
New Mexico						
May 1994	W	W	54.4	53.3	W	W
April 1994	W	W	56.6	52.8	—	78.3
May 1993	W	W	61.2	61.8	—	77.5
Texas						
May 1994	W	78.6	47.5	48.4	W	54.4
April 1994	86.8	77.5	47.5	48.2	W	54.5
May 1993	98.3	87.1	56.5	57.3	W	62.8
PAD District IV						
May 1994	94.0	94.9	54.6	59.0	—	64.4
April 1994	93.1	93.8	54.6	58.4	W	65.8
May 1993	102.3	101.4	63.5	65.9	—	71.9
Colorado						
May 1994	W	93.7	52.3	55.4	—	W
April 1994	W	92.9	52.6	55.7	—	W
May 1993	W	101.4	59.5	61.4	—	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						
May 1994	W	W	61.6	66.7	—	W
April 1994	—	W	61.6	66.7	—	W
May 1993	—	110.5	73.8	76.5	—	—
Montana						
May 1994	W	W	W	W	—	W
April 1994	W	W	65.3	W	—	W
May 1993	W	W	72.4	W	—	—
Utah						
May 1994	W	94.4	56.4	60.8	—	W
April 1994	W	92.7	56.2	58.9	—	W
May 1993	109.8	99.6	66.8	72.7	—	W
Wyoming						
May 1994	W	W	67.2	W	—	—
April 1994	W	W	67.9	W	W	—
May 1993	W	W	77.3	W	—	—
PAD District V						
May 1994	101.9	97.6	53.2	52.1	W	60.9
April 1994	101.9	97.2	54.2	52.3	—	54.4
May 1993	112.7	108.5	63.6	63.2	—	72.7
Alaska						
May 1994	W	112.9	59.2	56.2	—	—
April 1994	W	113.7	NA	62.5	—	—
May 1993	W	121.3	68.6	70.3	—	—
Arizona						
May 1994	W	91.4	54.6	56.8	W	W
April 1994	W	91.9	55.1	57.6	—	W
May 1993	W	102.1	64.4	67.0	—	—
California						
May 1994	100.0	93.5	51.8	51.5	—	57.0
April 1994	99.7	93.4	52.8	52.2	—	54.0
May 1993	111.5	105.8	62.5	62.6	—	70.7
Hawaii						
May 1994	W	W	55.8	W	—	—
April 1994	W	W	56.1	W	—	—
May 1993	W	W	66.7	89.4	—	—
Nevada						
May 1994	W	W	53.8	54.7	—	—
April 1994	W	W	55.5	57.1	—	—
May 1993	W	W	65.1	65.8	—	—
Oregon						
May 1994	W	93.9	53.1	61.3	—	W
April 1994	W	93.8	53.7	62.3	—	NA
May 1993	W	104.1	63.9	69.4	—	W
Washington						
May 1994	W	W	53.0	49.8	—	63.0
April 1994	W	W	53.7	50.0	—	63.0
May 1993	W	106.1	62.2	61.0	—	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						
May 1994	61.4	56.9	54.2	50.9	47.6	42.6
April 1994	63.5	57.8	55.0	51.3	47.6	39.4
May 1993	65.8	66.5	62.0	58.4	52.3	51.3
PAD District I						
May 1994	60.7	59.7	53.5	49.9	46.9	43.3
April 1994	57.0	60.6	54.9	50.1	47.1	39.5
May 1993	62.3	62.4	61.0	56.8	53.9	52.1
Subdistrict IA						
May 1994	61.5	W	54.2	50.8	W	W
April 1994	W	60.2	60.9	51.1	W	W
May 1993	60.5	62.1	60.6	57.2	W	W
Connecticut						
May 1994	-	W	52.0	51.3	W	W
April 1994	W	W	52.9	51.8	W	W
May 1993	-	W	60.2	57.1	-	-
Maine						
May 1994	W	W	52.7	50.4	-	W
April 1994	-	62.0	53.1	50.2	W	-
May 1993	W	63.4	57.4	57.2	-	-
Massachusetts						
May 1994	W	W	54.6	50.3	W	W
April 1994	-	-	64.4	51.2	W	W
May 1993	W	W	61.6	57.4	-	-
New Hampshire						
May 1994	W	-	59.1	52.1	W	-
April 1994	W	-	61.4	51.0	W	W
May 1993	W	W	56.3	57.7	-	-
Rhode Island						
May 1994	-	W	55.4	50.6	-	-
April 1994	-	W	61.3	50.2	-	-
May 1993	W	W	60.8	56.9	-	-
Vermont						
May 1994	-	W	55.4	54.0	W	-
April 1994	-	W	56.9	54.2	W	-
May 1993	-	W	61.0	W	-	-
Subdistrict IB						
May 1994	W	59.5	55.0	50.0	46.8	43.4
April 1994	W	60.9	57.6	50.3	47.3	39.1
May 1993	68.8	62.9	61.8	56.3	54.6	52.8
Delaware						
May 1994	-	-	53.0	50.0	W	-
April 1994	-	-	53.6	49.9	W	-
May 1993	-	W	59.3	55.8	-	-
District of Columbia						
May 1994	-	-	W	55.7	W	-
April 1994	-	-	W	53.2	W	-
May 1993	-	-	W	62.0	-	-
Maryland						
May 1994	-	-	50.5	50.9	W	W
April 1994	-	W	49.7	50.6	W	W
May 1993	-	W	58.0	58.0	-	-
New Jersey						
May 1994	-	-	53.4	49.1	48.6	42.2
April 1994	W	-	54.2	49.1	47.7	43.3
May 1993	W	W	60.3	55.3	-	-
New York						
May 1994	W	W	58.1	50.6	46.5	W
April 1994	W	W	61.9	51.2	47.3	W
May 1993	W	W	63.8	57.3	-	-
Pennsylvania						
May 1994	W	59.8	55.7	50.5	W	-
April 1994	W	61.5	60.8	51.2	W	W
May 1993	W	64.2	63.0	56.5	-	-

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						
May 1994	W	59.9	52.5	49.7	47.2	W
April 1994	W	59.9	52.6	49.6	44.2	W
May 1993	62.6	61.7	60.6	57.2	53.5	W
Florida						
May 1994	—	—	52.7	50.3	W	—
April 1994	—	—	53.2	50.0	W	—
May 1993	W	W	60.8	57.5	—	—
Georgia						
May 1994	—	—	52.5	49.2	—	—
April 1994	—	—	52.4	48.9	—	—
May 1993	W	W	60.7	56.9	—	—
North Carolina						
May 1994	—	W	50.9	49.0	W	—
April 1994	—	—	50.3	48.9	W	—
May 1993	W	W	58.5	56.9	—	—
South Carolina						
May 1994	—	—	53.0	49.6	W	—
April 1994	—	—	52.8	49.4	W	—
May 1993	—	—	60.5	57.5	—	—
Virginia						
May 1994	W	W	49.9	49.5	W	W
April 1994	W	58.3	49.5	49.4	W	W
May 1993	W	63.0	60.0	57.0	—	—
West Virginia						
May 1994	—	—	57.4	52.9	W	—
April 1994	W	W	59.8	55.9	W	—
May 1993	W	W	63.6	59.7	—	—
PAD District II						
May 1994	57.7	55.9	53.9	52.5	W	—
April 1994	59.7	56.4	54.8	53.2	W	—
May 1993	61.9	63.6	60.8	58.8	W	W
Illinois						
May 1994	W	54.3	52.5	50.9	W	—
April 1994	W	57.3	53.2	51.4	W	—
May 1993	W	62.3	59.0	57.1	—	—
Indiana						
May 1994	W	56.5	53.2	51.8	W	—
April 1994	W	58.8	54.2	53.3	W	—
May 1993	75.2	63.0	59.3	58.3	—	—
Iowa						
May 1994	W	58.3	53.6	53.9	—	—
April 1994	W	58.8	55.4	55.1	—	—
May 1993	W	63.2	60.5	60.0	—	—
Kansas						
May 1994	W	55.3	53.6	52.2	—	—
April 1994	—	54.0	53.7	52.3	—	—
May 1993	W	61.4	59.1	57.4	—	—
Kentucky						
May 1994	W	53.8	54.9	52.1	W	—
April 1994	W	58.9	56.4	53.9	W	—
May 1993	W	67.1	62.9	59.1	—	—
Michigan						
May 1994	W	W	53.4	52.5	—	—
April 1994	W	57.5	54.4	52.9	—	—
May 1993	W	65.1	60.7	59.1	—	—
Minnesota						
May 1994	W	60.6	53.4	55.5	—	—
April 1994	W	59.4	53.2	55.8	W	—
May 1993	W	65.9	59.9	60.8	—	—
Missouri						
May 1994	W	NA	53.6	52.3	—	—
April 1994	W	58.2	54.9	53.6	—	—
May 1993	W	63.7	60.7	58.3	—	—

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						
May 1994	-	58.4	53.5	54.5	-	-
April 1994	W	60.2	54.2	55.2	-	-
May 1993	-	62.7	W	60.2	-	-
North Dakota						
May 1994	-	62.1	W	57.6	-	-
April 1994	W	63.3	W	57.5	-	-
May 1993	-	68.9	60.1	63.9	-	-
Ohio						
May 1994	62.2	W	57.6	53.7	W	-
April 1994	W	57.6	59.0	56.0	W	-
May 1993	84.4	64.5	63.6	61.0	-	-
Oklahoma						
May 1994	W	52.6	50.8	50.9	-	-
April 1994	W	51.5	50.1	50.6	-	-
May 1993	-	60.4	59.0	56.9	-	-
South Dakota						
May 1994	-	59.2	W	56.5	-	-
April 1994	-	61.2	56.2	56.5	-	-
May 1993	-	63.3	60.7	62.1	-	-
Tennessee						
May 1994	-	W	51.3	49.6	W	-
April 1994	-	W	51.2	49.8	W	-
May 1993	W	64.5	60.1	56.8	-	-
Wisconsin						
May 1994	W	56.6	53.9	52.5	W	-
April 1994	W	58.5	55.3	53.4	W	-
May 1993	W	63.4	59.5	59.0	-	-
PAD District III						
May 1994	W	53.2	51.6	47.9	W	W
April 1994	W	58.0	50.7	47.1	W	W
May 1993	W	63.7	61.2	55.7	W	-
Alabama						
May 1994	-	W	50.8	49.1	-	-
April 1994	-	-	50.1	48.4	-	-
May 1993	W	W	58.6	56.4	-	-
Arkansas						
May 1994	-	-	52.1	49.9	-	-
April 1994	-	W	54.1	50.3	-	-
May 1993	-	-	61.3	56.5	-	-
Louisiana						
May 1994	-	W	49.7	46.9	-	-
April 1994	W	W	46.6	45.6	-	-
May 1993	-	W	58.6	54.8	-	-
Mississippi						
May 1994	-	-	50.4	47.0	W	W
April 1994	-	-	50.5	46.1	W	W
May 1993	W	-	57.2	55.0	-	-
New Mexico						
May 1994	W	W	61.4	57.8	-	-
April 1994	W	69.1	61.8	58.2	-	-
May 1993	-	W	72.9	63.8	-	-
Texas						
May 1994	-	52.8	51.7	47.6	-	-
April 1994	W	57.4	51.8	47.1	-	-
May 1993	W	68.3	61.2	55.6	-	-
PAD District IV						
May 1994	W	66.0	57.9	58.6	-	-
April 1994	W	64.3	55.3	57.9	-	-
May 1993	W	73.6	65.6	65.4	-	-
Colorado						
May 1994	W	61.4	56.1	55.3	-	-
April 1994	W	62.6	52.4	55.9	-	-
May 1993	W	67.0	63.7	61.0	-	-

See footnotes at end of table.

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

Geographic Area Month	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Idaho						
May 1994	—	W	W	61.7	—	—
April 1994	—	69.6	W	60.6	—	—
May 1993	W	77.7	W	71.0	—	—
Montana						
May 1994	W	67.0	55.9	58.8	—	—
April 1994	—	65.7	53.4	58.8	—	—
May 1993	—	77.3	66.1	67.2	—	—
Utah						
May 1994	—	70.4	60.1	61.2	—	—
April 1994	W	69.5	58.2	59.2	—	—
May 1993	W	76.7	66.3	67.6	—	—
Wyoming						
May 1994	67.2	67.4	58.6	58.6	—	—
April 1994	63.4	61.9	56.9	57.9	—	—
May 1993	W	74.9	66.4	64.0	—	—
PAD District V						
May 1994	84.8	65.4	58.9	53.8	W	38.8
April 1994	82.6	61.6	61.6	56.5	W	40.9
May 1993	80.1	73.0	67.5	62.8	W	NA
Alaska						
May 1994	83.7	65.5	73.2	52.7	—	W
April 1994	81.7	61.6	NA	57.7	W	NA
May 1993	86.7	73.1	75.3	63.5	—	—
Arizona						
May 1994	—	—	59.8	54.7	—	—
April 1994	—	W	61.5	56.8	—	—
May 1993	—	W	69.5	64.9	—	—
California						
May 1994	—	W	58.4	54.4	—	W
April 1994	W	W	63.2	57.8	—	W
May 1993	W	71.4	67.7	62.0	—	—
Hawaii						
May 1994	—	—	W	75.4	—	—
April 1994	—	—	W	75.5	—	—
May 1993	W	W	68.4	73.8	—	—
Nevada						
May 1994	—	W	56.1	56.3	—	W
April 1994	—	W	58.4	57.5	—	W
May 1993	—	75.5	69.8	66.2	—	—
Oregon						
May 1994	W	64.7	54.8	52.9	—	—
April 1994	W	66.6	56.9	55.0	—	—
May 1993	W	75.7	64.2	63.1	—	—
Washington						
May 1994	W	63.8	58.6	50.7	W	—
April 1994	W	58.6	59.9	51.7	—	—
May 1993	—	72.3	64.5	62.6	—	—

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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								
May 1994	93.7	75.9	68.1	76.2	30.3	72.1	77.6	32.4
April 1994	92.4	76.2	68.1	73.8	29.6	69.0	81.0	31.9
May 1993	-	-	-	-	-	-	-	-
PAD District I								
May 1994	114.9	80.6	71.1	78.2	-	73.8	97.6	39.5
April 1994	113.6	81.8	73.9	72.6	-	73.8	99.0	39.6
May 1993	-	-	-	-	-	-	-	-
Subdistrict IA								
May 1994	119.4	85.0	89.3	W	-	109.7	108.6	51.1
April 1994	116.1	84.8	94.0	70.7	-	120.0	107.2	47.5
May 1993	-	-	-	-	-	-	-	-
Subdistrict IB								
May 1994	121.0	88.2	74.7	75.6	-	75.5	105.2	39.3
April 1994	120.8	88.4	77.9	75.3	-	71.8	106.4	39.7
May 1993	-	-	-	-	-	-	-	-
Subdistrict IC								
May 1994	105.3	75.3	66.1	NA	-	64.5	87.0	37.7
April 1994	105.1	76.8	68.1	70.4	-	65.4	89.8	37.8
May 1993	-	-	-	-	-	-	-	-
PAD District II								
May 1994	75.3	65.6	73.2	75.9	W	60.8	70.2	30.8
April 1994	75.3	66.2	69.9	73.8	W	61.3	71.6	30.8
May 1993	-	-	-	-	-	-	-	-
PAD District III								
May 1994	84.8	71.2	48.2	70.2	30.3	61.9	52.5	29.9
April 1994	86.9	70.1	48.2	70.2	29.5	53.4	60.7	29.2
May 1993	-	-	-	-	-	-	-	-
PAD District IV								
May 1994	77.6	66.4	52.7	66.1	-	67.9	71.6	28.4
April 1994	78.7	72.2	56.5	67.1	-	68.1	73.7	29.4
May 1993	-	-	-	-	-	-	-	-
PAD District V								
May 1994	103.2	85.9	83.8	81.4	-	101.3	95.9	39.6
April 1994	105.7	84.5	83.4	79.9	-	100.6	96.9	39.6
May 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							
May 1994	85.8	57.3	62.6	66.4	65.4	64.1	51.7
April 1994	87.9	57.8	62.9	67.2	66.3	66.1	52.1
May 1993	91.0	63.2	68.2	71.4	72.6	69.9	58.9
PAD District I							
May 1994	86.4	58.9	62.0	67.2	60.6	67.2	51.0
April 1994	88.9	60.4	62.4	67.4	62.2	71.1	51.1
May 1993	91.6	64.0	67.5	71.8	66.9	71.6	57.6
Subdistrict IA							
May 1994	83.2	64.9	66.0	75.6	58.7	75.2	51.7
April 1994	85.7	66.6	66.7	77.1	62.3	79.0	51.5
May 1993	89.3	68.7	69.5	78.3	67.2	79.9	57.8
Connecticut							
May 1994	85.4	64.2	61.4	77.5	60.0	77.4	52.3
April 1994	89.4	66.6	64.9	77.8	60.3	81.9	52.0
May 1993	91.7	69.3	67.2	81.6	69.3	82.0	56.2
Maine							
May 1994	77.4	63.9	64.6	75.3	64.7	72.0	51.9
April 1994	80.8	64.5	64.8	77.2	63.9	74.2	52.1
May 1993	81.5	66.0	66.6	79.6	71.7	75.5	59.3
Massachusetts							
May 1994	85.0	64.6	70.3	74.8	NA	75.4	51.0
April 1994	86.3	66.0	70.3	76.7	60.4	79.2	51.3
May 1993	90.9	67.7	74.0	78.2	NA	80.4	56.8
New Hampshire							
May 1994	75.3	66.3	61.7	76.5	65.2	72.5	52.1
April 1994	78.0	68.2	63.1	NA	66.5	75.4	51.5
May 1993	83.8	70.4	62.1	75.2	NA	78.0	59.0
Rhode Island							
May 1994	84.7	66.8	62.9	NA	55.9	77.0	51.1
April 1994	85.6	69.4	63.8	69.2	55.4	80.4	50.0
May 1993	90.6	71.3	67.7	76.2	62.0	82.3	57.5
Vermont							
May 1994	86.5	68.0	68.9	76.3	69.6	78.0	56.0
April 1994	88.2	70.9	70.2	78.8	70.1	81.8	56.4
May 1993	91.2	70.7	70.5	80.1	74.8	79.6	62.1
Subdistrict IB							
May 1994	89.4	60.2	63.8	70.0	59.9	70.2	51.1
April 1994	91.8	62.9	63.3	71.9	61.1	75.5	51.2
May 1993	93.8	64.4	69.0	73.6	66.2	73.5	57.3
Delaware							
May 1994	86.4	57.0	64.0	68.8	61.9	68.3	50.2
April 1994	89.1	59.0	61.8	68.7	60.1	72.7	50.0
May 1993	89.4	60.4	67.5	70.4	67.9	69.2	56.6
District of Columbia							
May 1994	83.6	55.9	NA	W	51.1	55.7	52.8
April 1994	93.7	58.8	59.7	W	49.6	58.5	49.8
May 1993	104.3	62.9	-	W	NA	61.4	60.2
Maryland							
May 1994	87.1	56.0	58.9	69.6	59.4	63.9	52.2
April 1994	92.3	56.6	60.7	70.7	57.4	66.7	51.8
May 1993	96.2	62.2	63.4	76.0	67.1	69.0	58.7
New Jersey							
May 1994	85.1	57.4	NA	67.5	60.8	66.8	49.7
April 1994	90.4	60.1	54.2	70.7	61.8	72.7	49.3
May 1993	91.6	61.5	74.8	71.4	61.5	68.8	55.7
New York							
May 1994	95.1	65.8	65.9	76.9	59.5	77.9	51.7
April 1994	95.5	67.1	68.7	78.4	60.0	82.3	52.4
May 1993	99.3	69.7	70.2	77.8	65.1	80.2	58.3

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							
May 1994	83.6	59.1	63.9	68.1	60.6	67.1	51.9
April 1994	86.2	63.1	66.0	70.1	63.9	72.3	52.6
May 1993	86.6	62.7	68.5	72.5	68.6	71.7	57.8
Subdistrict IC							
May 1994	85.1	55.8	60.2	65.4	61.3	61.4	50.7
April 1994	84.5	55.7	61.2	64.5	63.0	61.4	50.6
May 1993	91.0	62.2	66.1	70.3	67.4	66.8	57.9
Virginia							
May 1994	82.4	56.4	59.4	66.2	66.0	62.5	50.1
April 1994	83.1	56.2	59.1	65.2	63.2	62.7	50.2
May 1993	88.6	63.6	64.2	72.2	70.9	68.7	57.7
West Virginia							
May 1994	74.8	57.2	61.0	69.4	59.8	60.9	54.4
April 1994	78.1	59.7	62.6	69.6	63.1	63.0	56.7
May 1993	84.8	62.5	67.4	73.0	67.4	66.5	60.8
PAD District II							
May 1994	80.1	56.3	62.9	64.8	69.6	62.8	53.4
April 1994	80.8	55.9	63.4	66.0	69.6	63.4	54.1
May 1993	85.3	61.1	68.5	68.7	76.5	68.6	59.4
Illinois							
May 1994	74.4	57.9	67.1	68.2	69.6	64.3	52.3
April 1994	74.7	58.8	68.7	68.6	69.9	64.8	53.0
May 1993	84.8	61.8	72.3	70.8	78.2	70.4	58.3
Indiana							
May 1994	80.5	54.2	59.8	64.4	75.6	63.3	52.3
April 1994	81.4	55.4	60.9	65.6	74.5	63.9	53.8
May 1993	83.6	60.2	65.8	65.5	82.6	67.7	58.5
Michigan							
May 1994	86.9	59.7	63.6	69.7	69.2	65.7	54.1
April 1994	87.7	60.9	62.2	70.1	67.7	67.3	54.5
May 1993	89.8	63.8	69.9	72.2	74.0	70.8	60.5
Minnesota							
May 1994	79.6	56.9	65.3	69.6	72.6	66.1	57.0
April 1994	80.1	56.6	65.3	69.1	73.1	67.1	57.3
May 1993	84.1	63.6	69.8	72.4	76.5	72.5	61.2
Ohio							
May 1994	79.8	56.4	61.8	67.0	71.2	63.3	54.4
April 1994	81.3	58.1	62.8	67.5	71.1	64.8	56.3
May 1993	86.0	63.1	66.6	70.3	78.9	69.0	60.9
Wisconsin							
May 1994	80.5	63.0	65.2	66.5	68.4	66.6	53.9
April 1994	81.5	59.7	65.2	66.8	68.8	66.8	54.8
May 1993	84.9	65.5	72.3	73.5	78.1	73.4	60.1
PAD District III							
May 1994	NA	51.9	57.4	63.7	59.8	57.3	48.3
April 1994	72.3	51.0	56.7	64.3	60.0	56.8	47.6
May 1993	78.2	60.2	62.3	70.5	68.1	65.1	56.2
PAD District IV							
May 1994	77.6	60.5	68.3	71.2	73.6	66.8	60.0
April 1994	75.8	59.5	67.2	73.8	71.6	66.8	59.0
May 1993	82.1	66.0	71.5	76.8	78.5	72.7	66.0
Idaho							
May 1994	76.8	63.7	68.4	75.9	74.8	71.6	61.9
April 1994	76.1	62.7	68.1	76.1	73.1	70.9	60.7
May 1993	82.9	69.8	77.4	79.3	81.0	78.1	71.3

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							
May 1994	91.7	62.0	67.6	73.6	68.2	66.9	54.7
April 1994	92.6	64.7	68.8	74.6	70.2	69.3	57.2
May 1993	96.4	69.5	75.8	79.7	72.8	74.1	63.4
Alaska							
May 1994	90.0	NA	78.0	81.2	76.5	80.4	58.0
April 1994	88.6	75.6	80.9	84.7	73.1	79.1	59.9
May 1993	96.6	86.4	84.8	88.7	75.4	86.3	66.0
Oregon							
May 1994	87.2	60.2	64.9	70.1	65.1	65.1	54.0
April 1994	88.1	61.0	63.8	71.2	68.5	66.8	55.7
May 1993	91.3	67.2	80.5	78.0	77.5	74.4	63.7
Washington							
May 1994	95.1	60.1	63.6	72.6	65.9	64.5	51.2
April 1994	97.3	61.3	64.2	73.1	68.0	67.0	52.4
May 1993	100.3	67.9	74.5	82.5	77.0	75.7	63.0

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

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

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						
May 1994	56.9	62.9	66.4	65.9	62.0	52.7
April 1994	56.9	63.2	67.2	66.8	62.4	53.3
May 1993	-	-	-	-	-	-
PAD District I						
May 1994	57.4	62.8	67.2	61.6	61.6	52.0
April 1994	57.9	63.4	67.4	63.0	62.1	52.1
May 1993	-	-	-	-	-	-
Subdistrict IA						
May 1994	63.0	69.5	75.6	60.3	66.2	53.3
April 1994	63.5	70.1	77.1	63.7	67.1	54.3
May 1993	-	-	-	-	-	-
Connecticut						
May 1994	62.3	60.0	77.5	62.3	63.6	53.8
April 1994	63.1	62.8	77.8	61.4	64.2	53.7
May 1993	-	-	-	-	-	-
Maine						
May 1994	62.5	74.8	75.3	65.8	69.7	54.1
April 1994	62.3	76.1	77.2	65.0	69.8	54.4
May 1993	-	-	-	-	-	-
Massachusetts						
May 1994	61.8	75.9	74.8	NA	64.4	51.9
April 1994	61.7	75.3	76.7	62.0	65.2	53.9
May 1993	-	-	-	-	-	-
New Hampshire						
May 1994	67.0	60.5	76.5	65.8	71.0	54.9
April 1994	69.4	60.1	NA	67.1	73.1	55.2
May 1993	-	-	-	-	-	-
Rhode Island						
May 1994	64.2	61.3	NA	56.4	63.7	53.2
April 1994	65.2	62.4	69.2	55.7	64.7	53.6
May 1993	-	-	-	-	-	-
Vermont						
May 1994	67.3	NA	76.3	70.2	69.9	58.0
April 1994	69.3	71.7	76.8	71.2	71.5	59.2
May 1993	-	-	-	-	-	-
Subdistrict IB						
May 1994	58.5	65.5	70.0	61.0	62.4	52.6
April 1994	59.6	65.2	71.9	62.0	63.7	53.0
May 1993	-	-	-	-	-	-
Delaware						
May 1994	55.2	65.8	68.8	69.7	64.7	51.7
April 1994	56.3	62.5	68.7	66.3	65.0	51.6
May 1993	-	-	-	-	-	-
District of Columbia						
May 1994	50.8	NA	W	62.3	56.3	57.6
April 1994	50.6	59.7	W	61.8	56.0	56.7
May 1993	-	-	-	-	-	-
Maryland						
May 1994	55.4	NA	69.6	59.2	58.8	52.9
April 1994	55.4	60.6	70.7	58.6	59.1	53.6
May 1993	-	-	-	-	-	-
New Jersey						
May 1994	56.8	NA	67.5	61.6	60.6	51.9
April 1994	58.4	57.1	70.7	64.3	61.4	50.9
May 1993	-	-	-	-	-	-
New York						
May 1994	64.1	68.8	76.9	58.6	66.0	53.7
April 1994	64.8	71.7	78.4	60.1	67.4	53.6
May 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						
May 1994	57.0	64.2	68.1	62.6	62.0	52.7
April 1994	59.4	66.4	70.1	63.4	64.0	54.1
May 1993	—	—	—	—	—	—
Subdistrict IC						
May 1994	55.4	60.5	65.4	62.0	60.6	51.2
April 1994	55.3	61.8	64.5	63.5	60.5	51.1
May 1993	—	—	—	—	—	—
Virginia						
May 1994	58.2	59.2	66.2	65.9	60.3	51.3
April 1994	58.0	59.0	65.2	65.8	60.1	51.3
May 1993	—	—	—	—	—	—
West Virginia						
May 1994	57.5	61.6	69.4	63.6	61.2	54.8
April 1994	60.0	63.1	69.6	63.4	62.8	57.6
May 1993	—	—	—	—	—	—
PAD District II						
May 1994	58.4	63.3	64.8	70.0	62.6	53.8
April 1994	55.9	63.7	66.0	70.0	62.7	54.7
May 1993	—	—	—	—	—	—
Illinois						
May 1994	58.2	67.2	68.2	69.9	64.5	53.3
April 1994	59.0	68.7	68.6	70.4	64.8	54.4
May 1993	—	—	—	—	—	—
Indiana						
May 1994	54.6	61.3	64.4	77.2	63.7	52.7
April 1994	55.5	61.3	65.6	75.4	63.8	54.3
May 1993	—	—	—	—	—	—
Michigan						
May 1994	59.8	63.7	69.7	69.8	64.2	54.5
April 1994	61.3	63.0	70.1	67.9	64.8	55.4
May 1993	—	—	—	—	—	—
Minnesota						
May 1994	56.2	64.8	69.6	73.3	65.2	57.1
April 1994	55.7	65.1	69.1	73.5	65.5	57.6
May 1993	—	—	—	—	—	—
Ohio						
May 1994	56.9	62.8	67.0	73.3	63.3	55.2
April 1994	58.6	63.0	67.5	74.5	64.3	57.5
May 1993	—	—	—	—	—	—
Wisconsin						
May 1994	63.3	65.8	66.5	68.6	65.8	54.2
April 1994	59.2	65.6	66.8	69.0	64.6	55.3
May 1993	—	—	—	—	—	—
PAD District III						
May 1994	52.0	57.4	63.7	59.8	57.4	49.4
April 1994	51.0	56.6	64.3	60.0	56.8	48.8
May 1993	—	—	—	—	—	—
PAD District IV						
May 1994	60.4	68.4	71.2	73.6	66.7	60.1
April 1994	59.3	67.3	73.8	71.6	66.6	59.1
May 1993	—	—	—	—	—	—
Idaho						
May 1994	63.7	68.4	75.9	74.7	71.5	61.9
April 1994	62.8	68.1	76.1	73.1	70.8	60.7
May 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						
May 1994	61.9	67.5	73.6	68.2	66.3	54.8
April 1994	64.5	68.7	74.6	70.2	68.4	57.2
May 1993	-	-	-	-	-	-
Alaska						
May 1994	NA	79.0	81.2	77.8	NA	57.5
April 1994	75.8	80.6	84.7	77.2	77.4	60.3
May 1993	-	-	-	-	-	-
Oregon						
May 1994	60.2	64.9	70.1	65.1	64.7	54.0
April 1994	60.9	63.8	71.2	68.5	65.9	55.7
May 1993	-	-	-	-	-	-
Washington						
May 1994	59.9	63.3	72.8	65.9	62.7	51.2
April 1994	61.1	64.0	73.1	67.9	64.2	52.3
May 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											
May 1994	58.1	64.7	66.4	66.1	63.2	53.1	54.9	61.1	65.7	59.4	51.4
April 1994	58.7	64.7	67.2	66.6	63.9	53.9	54.3	61.6	67.0	59.2	50.8
May 1993	-	-	-	-	-	-	-	-	-	-	-
PAD District I											
May 1994	57.6	63.2	67.2	61.5	62.3	52.1	57.0	62.5	61.7	59.8	50.4
April 1994	58.5	62.1	67.4	61.7	62.6	52.4	56.4	64.8	64.7	60.9	49.3
May 1993	-	-	-	-	-	-	-	-	-	-	-
Subdistrict 1A											
May 1994	63.2	70.0	75.6	62.9	67.2	53.2	62.2	65.6	52.0	60.6	58.4
April 1994	63.7	70.6	77.1	64.5	67.6	54.3	62.7	67.5	60.0	62.9	57.0
May 1993	-	-	-	-	-	-	-	-	-	-	-
Subdistrict 1B											
May 1994	58.7	64.3	70.0	60.2	62.7	52.7	58.0	67.7	62.9	61.1	51.7
April 1994	60.2	62.4	71.9	61.2	63.9	53.1	58.7	71.3	64.3	62.7	51.2
May 1993	-	-	-	-	-	-	-	-	-	-	-
Subdistrict 1C											
May 1994	55.2	60.4	65.4	62.3	61.2	51.4	55.7	60.6	61.8	59.2	49.6
April 1994	55.7	60.4	64.5	61.4	60.7	51.4	54.6	62.9	65.0	60.1	48.6
May 1993	-	-	-	-	-	-	-	-	-	-	-
PAD District II											
May 1994	57.5	63.7	64.8	69.4	62.9	53.7	54.1	62.9	70.9	61.7	54.2
April 1994	57.2	63.6	66.0	69.2	63.3	54.8	53.4	63.8	71.1	61.3	54.3
May 1993	-	-	-	-	-	-	-	-	-	-	-
PAD District III											
May 1994	54.9	60.9	63.7	59.4	60.1	50.0	49.8	55.6	60.3	53.5	48.0
April 1994	54.6	60.6	64.3	60.3	60.6	50.0	48.7	54.5	59.8	52.1	46.4
May 1993	-	-	-	-	-	-	-	-	-	-	-
PAD District IV											
May 1994	61.4	67.5	71.2	73.5	67.8	60.3	59.2	71.2	73.9	64.0	59.0
April 1994	61.3	66.5	73.8	71.1	68.5	59.5	56.7	69.3	72.6	61.9	57.0
May 1993	-	-	-	-	-	-	-	-	-	-	-
PAD District V											
May 1994	62.6	68.4	73.6	69.6	67.7	55.4	60.8	64.5	65.3	62.7	53.0
April 1994	66.2	70.4	74.6	70.9	70.1	58.1	62.5	64.1	68.9	64.7	54.8
May 1993	-	-	-	-	-	-	-	-	-	-	-

Dash (-) = No data reported.

^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						
May 1994	36.0	31.9	30.9	29.0	32.6	30.1
April 1994	35.2	30.1	29.6	26.1	31.6	27.9
May 1993	41.8	35.6	34.8	29.8	36.9	32.5
PAD District I						
May 1994	36.8	34.7	30.9	29.1	33.2	31.2
April 1994	35.9	33.7	30.3	25.6	32.7	29.8
May 1993	41.9	39.9	35.9	34.4	38.2	36.8
Subdistrict IA						
May 1994	35.8	33.9	29.2	29.1	32.0	32.3
April 1994	34.8	32.6	30.6	W	32.9	30.6
May 1993	41.7	W	33.2	35.5	37.4	W
Connecticut						
May 1994	38.9	W	42.0	—	39.4	W
April 1994	37.5	33.1	W	—	39.0	33.1
May 1993	39.4	W	W	—	39.6	W
Maine						
May 1994	W	35.9	29.3	W	30.7	30.0
April 1994	35.3	33.6	31.4	28.4	32.9	28.9
May 1993	44.4	44.3	34.8	W	38.0	34.6
Massachusetts						
May 1994	35.2	33.2	28.2	33.4	31.6	33.2
April 1994	34.2	32.0	29.4	W	32.1	30.1
May 1993	41.9	W	32.2	36.2	37.7	W
New Hampshire						
May 1994	37.9	NA	32.8	W	33.5	W
April 1994	34.6	41.3	31.5	W	32.2	41.2
May 1993	43.2	—	32.6	—	33.3	—
Rhode Island						
May 1994	34.6	W	W	—	34.8	W
April 1994	35.1	W	W	—	35.2	W
May 1993	41.0	W	—	—	41.0	W
Vermont						
May 1994	W	—	31.8	—	32.5	—
April 1994	W	—	30.7	W	32.4	W
May 1993	W	—	36.3	W	37.6	W
Subdistrict IB						
May 1994	39.9	35.9	32.0	25.4	36.7	30.6
April 1994	39.2	34.8	30.3	24.3	36.1	30.2
May 1993	43.9	41.1	39.1	37.5	41.9	40.3
Delaware						
May 1994	35.2	33.2	31.1	W	33.1	W
April 1994	33.1	W	28.7	W	31.8	W
May 1993	39.3	W	37.4	W	39.0	W
District of Columbia						
May 1994	W	—	—	—	W	—
April 1994	W	—	—	—	W	—
May 1993	W	—	—	—	W	—
Maryland						
May 1994	W	W	31.1	W	32.6	36.5
April 1994	W	W	28.0	W	29.0	W
May 1993	38.8	W	38.0	W	38.5	W
New Jersey						
May 1994	38.3	37.3	32.2	27.9	36.4	31.7
April 1994	39.4	38.5	27.5	25.4	34.1	30.0
May 1993	43.8	47.9	39.3	NA	42.5	43.0
New York						
May 1994	41.4	35.7	33.4	30.8	39.0	34.3
April 1994	41.6	35.6	34.4	32.5	40.2	35.3
May 1993	45.3	41.4	40.0	W	42.9	41.2
Pennsylvania						
May 1994	39.8	34.3	30.6	W	33.5	32.8
April 1994	38.6	32.3	30.2	26.9	33.5	29.2
May 1993	44.7	W	36.7	W	39.2	35.5

See footnotes at end of table.

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

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Subdistrict IC						
May 1994	33.3	31.7	31.1	31.4	31.6	31.4
April 1994	31.9	W	30.2	27.0	30.7	28.2
May 1993	38.7	W	35.6	31.8	36.2	37.2
Florida						
May 1994	32.9	W	30.8	W	31.4	32.0
April 1994	31.6	W	30.1	30.5	30.8	30.8
May 1993	38.5	W	35.4	W	36.1	37.7
Georgia						
May 1994	-	-	33.8	W	33.6	W
April 1994	-	-	34.1	W	34.1	W
May 1993	-	-	38.2	-	38.2	-
North Carolina						
May 1994	W	W	31.5	30.5	32.2	30.5
April 1994	W	-	29.5	W	30.2	W
May 1993	50.4	-	35.4	32.8	35.9	32.8
South Carolina						
May 1994	W	-	W	W	W	W
April 1994	W	-	W	W	W	W
May 1993	W	-	W	-	W	-
Virginia						
May 1994	38.0	W	30.8	W	31.2	30.3
April 1994	39.3	W	30.0	25.9	30.8	26.1
May 1993	43.3	W	35.0	W	35.5	W
West Virginia						
May 1994	W	-	W	-	W	-
April 1994	W	W	W	-	W	W
May 1993	W	-	43.1	-	43.5	-
PAD District II						
May 1994	39.0	41.5	30.5	26.1	31.7	28.4
April 1994	38.4	45.2	30.2	25.8	31.2	29.5
May 1993	42.5	37.4	34.7	31.2	36.1	32.4
Illinois						
May 1994	W	W	W	W	37.2	W
April 1994	W	W	NA	-	36.5	W
May 1993	42.0	W	W	W	42.8	26.4
Indiana						
May 1994	34.1	-	28.5	-	29.2	-
April 1994	30.7	W	28.7	W	28.9	W
May 1993	38.1	W	32.9	W	33.9	W
Iowa						
May 1994	W	NA	W	-	31.0	NA
April 1994	W	-	W	-	29.6	-
May 1993	W	-	W	-	W	-
Kansas						
May 1994	W	W	W	W	27.5	16.8
April 1994	-	W	W	W	W	W
May 1993	W	-	W	W	29.7	W
Kentucky						
May 1994	W	-	W	-	32.3	-
April 1994	W	W	W	-	31.9	W
May 1993	44.4	W	W	-	42.4	W
Michigan						
May 1994	44.1	W	NA	26.1	37.9	29.5
April 1994	42.6	W	NA	28.7	36.3	35.4
May 1993	45.1	40.2	36.6	W	42.6	39.9
Minnesota						
May 1994	NA	W	28.9	W	28.9	W
April 1994	NA	-	29.8	W	29.9	W
May 1993	-	W	33.2	W	33.2	W
Missouri						
May 1994	-	W	NA	NA	NA	25.7
April 1994	-	NA	W	NA	W	NA
May 1993	W	30.5	W	-	W	30.5

See footnotes at end of table.

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

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Nebraska						
May 1994	W	W	NA	—	W	W
April 1994	W	—	NA	—	W	—
May 1993	W	W	W	W	W	W
North Dakota						
May 1994	—	W	W	NA	W	W
April 1994	—	W	W	—	W	W
May 1993	W	—	W	W	W	W
Ohio						
May 1994	41.5	W	35.5	W	36.7	26.2
April 1994	39.7	W	39.3	W	39.3	25.1
May 1993	W	W	34.6	W	35.9	W
Oklahoma						
May 1994	NA	W	W	—	W	W
April 1994	NA	—	W	—	W	—
May 1993	W	—	W	—	W	—
South Dakota						
May 1994	—	W	W	W	W	W
April 1994	—	W	NA	W	NA	W
May 1993	W	—	W	—	W	—
Tennessee						
May 1994	W	—	W	W	W	W
April 1994	W	W	W	W	41.3	30.3
May 1993	W	W	W	W	W	26.9
Wisconsin						
May 1994	NA	W	NA	27.5	NA	27.5
April 1994	W	W	NA	24.4	NA	24.4
May 1993	—	—	36.8	35.2	36.8	35.2
PAD District III						
May 1994	W	29.2	29.4	29.5	29.6	29.3
April 1994	W	26.6	26.9	25.8	27.1	26.2
May 1993	W	32.4	31.3	28.4	31.0	29.9
Alabama						
May 1994	—	W	32.7	W	32.7	39.2
April 1994	—	W	26.8	W	26.8	30.9
May 1993	W	—	32.3	W	32.3	W
Arkansas						
May 1994	—	—	38.2	—	38.2	—
April 1994	W	—	37.5	—	37.3	—
May 1993	—	—	W	—	W	—
Louisiana						
May 1994	W	32.4	27.5	29.1	28.8	29.2
April 1994	W	W	26.1	25.7	26.7	25.8
May 1993	W	31.2	31.8	28.9	31.2	29.4
Mississippi						
May 1994	W	W	28.8	NA	29.1	W
April 1994	W	W	28.3	W	28.5	25.7
May 1993	—	W	W	W	W	27.9
New Mexico						
May 1994	—	W	—	—	—	W
April 1994	—	W	—	—	—	W
May 1993	—	W	—	—	—	W
Texas						
May 1994	—	29.1	29.6	29.5	29.6	29.3
April 1994	—	26.8	27.2	25.9	27.2	26.5
May 1993	—	34.0	30.5	27.7	30.5	30.5
PAD District IV						
May 1994	W	W	31.7	W	W	17.3
April 1994	W	W	29.3	W	W	29.7
May 1993	NA	37.2	29.1	W	27.6	31.5
Colorado						
May 1994	—	W	—	—	—	W
April 1994	—	—	—	—	—	—
May 1993	—	W	W	—	W	W

See footnotes at end of table.

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

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Idaho						
May 1994	W	-	W	-	W	-
April 1994	W	-	W	-	W	-
May 1993	-	W	-	-	-	W
Montana						
May 1994	-	-	NA	W	NA	W
April 1994	-	-	W	W	W	W
May 1993	-	-	W	W	W	W
Utah						
May 1994	-	W	W	-	W	W
April 1994	-	W	W	-	W	W
May 1993	-	W	W	-	W	W
Wyoming						
May 1994	W	W	W	W	W	W
April 1994	W	W	W	W	W	29.8
May 1993	NA	W	W	W	W	W
PAD District V						
May 1994	34.9	29.4	32.5	29.1	33.2	29.2
April 1994	35.4	23.9	30.9	27.8	32.0	26.8
May 1993	48.1	33.4	35.3	32.7	37.7	32.9
Alaska						
May 1994	-	-	-	-	-	-
April 1994	-	-	-	-	-	-
May 1993	-	-	W	W	W	W
Arizona						
May 1994	W	W	-	-	W	W
April 1994	W	W	-	-	W	W
May 1993	W	W	-	-	W	W
California						
May 1994	W	29.4	32.7	28.9	32.9	29.0
April 1994	43.5	23.9	31.4	27.4	32.0	26.4
May 1993	NA	33.4	35.4	35.1	35.7	34.2
Hawaii						
May 1994	W	-	33.9	39.8	34.6	39.8
April 1994	W	-	31.7	W	33.9	W
May 1993	W	W	W	W	W	W
Nevada						
May 1994	W	-	-	-	W	-
April 1994	W	-	-	W	W	W
May 1993	W	-	-	W	W	W
Oregon						
May 1994	-	-	35.0	33.9	35.0	33.9
April 1994	-	-	W	31.6	W	31.6
May 1993	W	-	36.1	38.7	36.1	38.7
Washington						
May 1994	NA	-	31.4	31.3	31.4	31.3
April 1994	NA	-	29.6	29.1	29.8	29.1
May 1993	W	-	34.8	31.7	34.8	31.7

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*.

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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												
May 1994	34,390.9	36,017.6	47,572.7	119,505.3	24,304.9	191,382.8	8,419.2	8,694.4	12,926.9	15,881.2	132.6	28,940.7
April 1994	33,985.0	35,620.3	47,371.1	118,991.0	24,143.9	190,506.0	8,382.3	8,669.9	12,924.6	15,511.1	146.8	28,582.5
May 1993	-	37,593.8	-	-	-	181,666.1	-	9,094.7	-	-	-	27,483.2
PAD District I												
May 1994	7,888.0	8,486.6	16,207.3	W	W	54,977.9	2,588.6	2,719.8	5,837.7	W	W	13,058.5
April 1994	8,019.6	8,605.1	16,306.5	33,393.5	4,797.8	54,497.8	2,578.5	2,721.6	5,833.5	W	W	12,895.0
May 1993	-	9,200.8	-	-	-	52,909.6	-	W	-	-	-	W
Subdistrict 1A												
May 1994	347.1	400.5	2,619.9	W	W	7,349.1	126.1	138.2	W	W	-	1,498.1
April 1994	320.9	373.9	W	3,532.8	W	6,329.7	119.0	132.2	W	W	-	1,426.9
May 1993	-	480.2	-	-	-	6,350.7	-	138.7	-	-	-	1,487.6
Connecticut												
May 1994	W	76.8	W	1,054.0	W	2,107.5	W	W	W	W	-	476.5
April 1994	W	72.2	684.4	951.6	-	1,635.9	W	24.4	234.9	215.6	-	450.5
May 1993	-	95.0	-	-	-	1,708.8	-	32.4	-	-	-	490.0
Maine												
May 1994	-	W	W	669.7	W	867.7	-	W	14.2	137.0	-	151.2
April 1994	-	W	W	651.0	W	821.9	-	W	W	W	-	136.9
May 1993	-	W	-	-	-	952.1	-	W	-	-	-	156.5
Massachusetts												
May 1994	191.2	218.1	1,388.6	W	W	3,463.6	69.8	78.7	400.0	253.5	-	653.5
April 1994	177.2	204.3	W	1,448.2	W	2,859.2	65.6	75.2	387.5	236.3	-	623.8
May 1993	-	268.2	-	-	-	2,506.0	-	71.4	-	-	-	605.1
New Hampshire												
May 1994	46.9	53.0	175.1	81.8	-	257.0	15.5	16.1	52.8	16.2	-	69.0
April 1994	42.4	48.6	164.9	74.5	-	239.4	15.1	15.7	50.0	13.9	-	63.9
May 1993	-	63.0	-	-	-	321.1	-	16.0	-	-	-	80.0
Rhode Island												
May 1994	W	46.0	244.6	299.7	-	544.3	W	17.2	71.0	55.2	-	126.2
April 1994	W	44.1	W	348.2	W	677.9	W	W	69.6	61.7	-	131.3
May 1993	-	48.5	-	-	-	763.3	-	W	-	-	-	146.6
Vermont												
May 1994	-	W	36.6	72.4	-	109.0	-	-	W	W	-	21.7
April 1994	-	W	35.9	59.3	-	95.2	-	-	W	W	-	20.5
May 1993	-	W	-	-	-	99.5	-	-	-	-	-	19.4
Subdistrict 1B												
May 1994	3,064.8	3,291.9	8,977.5	9,893.6	3,732.6	22,403.7	888.4	919.7	W	1,749.0	W	4,730.8
April 1994	3,058.7	3,279.6	8,880.4	9,537.1	3,634.5	22,051.9	836.5	871.3	2,902.3	1,627.8	26.4	4,556.5
May 1993	-	3,506.3	-	-	-	22,429.4	-	W	-	-	-	W
Delaware												
May 1994	W	W	197.6	W	W	518.8	7.0	7.8	W	W	-	163.5
April 1994	W	20.9	197.8	W	W	613.8	W	7.2	W	W	-	171.1
May 1993	-	21.6	-	-	-	516.3	-	8.5	-	-	-	180.5
District of Columbia												
May 1994	-	W	W	W	-	121.1	-	W	W	W	-	85.4
April 1994	-	W	W	W	-	119.3	-	W	W	W	-	84.2
May 1993	-	W	-	-	-	137.9	-	W	-	-	-	87.4
Maryland												
May 1994	W	47.8	W	1,024.3	W	2,775.5	-	W	711.4	337.2	-	1,048.6
April 1994	W	W	W	954.7	W	2,671.1	W	W	W	260.7	W	986.0
May 1993	-	34.2	-	-	-	3,022.2	-	8.7	-	-	-	1,040.3
New Jersey												
May 1994	581.4	626.7	2,311.1	1,198.7	1,684.8	5,194.6	164.0	171.4	711.3	W	W	948.3
April 1994	625.4	673.4	2,294.1	1,255.3	1,646.1	5,195.4	177.8	185.3	705.4	W	W	958.3
May 1993	-	674.1	-	-	-	4,945.7	-	185.9	-	-	-	1,043.3
New York												
May 1994	1,211.1	1,275.6	2,672.5	W	W	6,277.5	242.5	249.4	796.8	346.3	-	1,143.1
April 1994	1,186.3	1,246.6	W	3,118.8	W	6,043.4	243.6	251.4	W	W	W	1,059.2
May 1993	-	1,337.4	-	-	-	6,673.1	-	260.2	-	-	-	W
Pennsylvania												
May 1994	1,255.7	1,316.4	2,021.4	3,917.5	1,577.4	7,516.2	474.8	480.5	W	730.7	W	1,341.9
April 1994	1,231.1	1,288.3	W	3,919.4	W	7,409.0	408.6	415.2	577.5	720.3	-	1,297.8
May 1993	-	W	-	-	-	7,134.1	-	415.4	-	-	-	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
United States												
May 1994	9,899.3	10,290.8	23,231.2	30,679.7	3,347.7	57,258.5	52,709.4	55,002.8	83,730.8	166,066.2	27,785.2	277,582.1
April 1994	10,036.4	10,421.3	23,145.2	29,686.2	2,556.8	55,388.3	52,403.6	54,711.5	83,440.9	164,188.3	26,847.5	274,476.8
May 1993	-	10,316.1	-	-	-	51,602.1	55,163.7	57,556.5	-	-	-	264,045.6
PAD District I												
May 1994	3,279.1	3,447.1	11,542.9	12,443.1	1,272.8	25,258.8	13,755.8	14,633.5	33,587.9	52,900.8	6,806.6	93,295.2
April 1994	3,296.3	3,450.2	11,547.6	W	W	24,846.3	13,894.3	14,776.9	33,687.6	52,554.3	5,997.2	92,239.1
May 1993	-	3,437.1	-	-	-	23,264.4	14,570.2	-	-	-	-	88,783.5
Subdistrict 1A												
May 1994	167.1	180.9	W	1,372.0	W	2,690.6	640.2	719.7	4,704.7	5,682.1	1,150.9	11,537.7
April 1994	156.8	171.8	1,254.2	W	W	2,554.4	596.7	677.9	4,542.0	5,477.7	291.2	10,311.0
May 1993	-	188.3	-	-	-	2,631.0	656.9	-	-	-	-	10,479.4
Connecticut												
May 1994	W	W	W	W	-	808.9	W	141.8	W	1,727.7	W	3,392.9
April 1994	W	36.6	354.5	394.0	-	748.5	W	133.2	1,273.8	1,561.2	-	2,835.0
May 1993	-	W	-	-	-	783.4	W	-	-	-	-	2,982.2
Maine												
May 1994	-	W	W	191.3	W	237.1	-	W	W	998.0	W	1,256.0
April 1994	-	W	W	W	W	208.6	-	W	W	948.6	W	1,167.4
May 1993	-	W	-	-	-	220.9	-	-	-	-	-	1,329.5
Massachusetts												
May 1994	92.9	102.5	705.4	556.6	-	1,262.1	353.9	399.3	2,494.1	W	W	5,379.3
April 1994	87.0	98.0	W	W	-	1,216.5	329.8	377.5	2,406.6	W	W	4,699.5
May 1993	-	95.5	-	-	-	1,223.1	347.6	-	-	-	-	4,334.2
New Hampshire												
May 1994	18.7	19.5	62.9	23.6	-	86.5	81.1	88.7	290.8	121.6	-	412.5
April 1994	17.5	18.3	60.8	19.5	-	80.3	75.0	82.5	275.7	107.9	-	383.6
May 1993	-	23.1	-	-	-	99.9	92.8	-	-	-	-	501.0
Rhode Island												
May 1994	W	19.2	123.8	133.6	-	257.5	W	82.4	439.4	488.5	-	927.9
April 1994	W	W	120.2	146.1	-	266.3	W	79.1	W	556.0	W	1,075.6
May 1993	-	20.9	-	-	-	271.8	W	-	-	-	-	1,181.7
Vermont												
May 1994	-	-	W	W	-	38.4	-	W	W	W	-	169.1
April 1994	-	-	14.4	19.9	-	34.2	-	W	W	W	-	149.9
May 1993	-	-	-	-	-	31.9	-	-	-	-	-	150.8
Subdistrict 1B												
May 1994	1,230.9	1,281.6	W	3,571.7	W	11,532.5	5,184.1	5,493.2	18,681.3	15,014.4	4,971.3	38,666.9
April 1994	1,218.3	1,264.6	6,694.9	3,467.0	992.5	11,154.4	5,113.6	5,415.4	18,477.6	14,631.9	4,653.3	37,762.8
May 1993	-	1,233.8	-	-	-	10,937.3	5,292.2	-	-	-	-	38,212.0
Delaware												
May 1994	W	7.6	W	W	-	187.5	W	W	343.4	W	W	869.7
April 1994	W	W	W	W	-	197.5	W	W	343.2	W	W	982.4
May 1993	-	W	-	-	-	170.3	W	-	-	-	-	867.1
District of Columbia												
May 1994	-	W	W	W	-	216.4	-	W	W	W	-	422.9
April 1994	-	W	W	W	-	216.6	-	W	W	W	-	420.0
May 1993	-	W	-	-	-	203.2	-	-	-	-	-	428.5
Maryland												
May 1994	W	W	W	469.6	W	1,564.0	W	64.8	W	1,831.2	W	5,388.0
April 1994	W	9.4	W	391.9	W	1,485.5	W	65.5	W	1,807.3	W	5,142.6
May 1993	-	9.9	-	-	-	1,511.5	-	-	-	-	-	5,573.9
New Jersey												
May 1994	338.5	358.8	2,028.5	W	W	3,333.6	1,083.9	1,156.9	5,050.8	2,114.6	2,311.1	9,476.5
April 1994	356.0	373.3	2,011.7	W	W	3,103.5	1,159.1	1,232.0	5,011.2	2,183.1	2,062.8	9,257.2
May 1993	-	353.1	-	-	-	2,965.5	1,140.4	-	-	-	-	8,954.5
New York												
May 1994	439.1	450.1	2,352.6	W	W	3,322.7	1,892.7	1,975.2	5,821.9	4,526.4	395.0	10,743.3
April 1994	410.9	420.7	2,322.6	W	W	3,265.7	1,840.9	1,918.6	5,703.4	W	W	10,368.3
May 1993	-	419.1	-	-	-	3,475.1	W	-	-	-	-	11,315.6
Pennsylvania												
May 1994	446.2	454.1	W	1,387.7	W	2,908.3	2,176.7	2,250.9	3,611.9	6,035.9	2,118.7	11,766.5
April 1994	445.2	451.1	W	1,387.8	W	2,885.7	2,084.9	2,154.6	3,582.9	6,027.5	1,982.1	11,592.5
May 1993	-	444.1	-	-	-	2,611.7	2,153.4	-	-	-	-	11,072.3

See footnotes at end of table.

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

Geographic Area Month	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												
May 1994	4,478.1	4,774.1	4,809.9	19,990.9	624.4	25,225.2	1,574.2	1,661.9	W	4,714.0	W	6,829.5
April 1994	4,640.0	4,951.7	W	20,323.7	W	26,116.2	1,622.9	1,718.1	W	4,885.0	W	6,911.6
May 1993	-	5,214.4	-	-	-	24,129.5	-	W	-	-	-	6,266.5
Florida												
May 1994	1,733.9	1,853.5	2,444.7	W	W	7,143.7	671.2	708.4	1,156.1	1,139.1	-	2,295.2
April 1994	1,857.6	1,988.5	W	4,747.2	W	7,700.4	704.9	750.8	W	W	-	2,390.5
May 1993	-	2,021.1	-	-	-	6,949.6	-	793.9	-	-	-	2,139.7
Georgia												
May 1994	919.8	970.5	W	4,435.1	W	4,992.9	326.9	347.2	W	W	-	1,157.2
April 1994	942.1	989.8	W	4,589.6	W	5,244.0	336.0	355.3	W	908.3	W	1,166.5
May 1993	-	1,015.5	-	-	-	4,617.5	-	335.0	-	-	-	1,064.8
North Carolina												
May 1994	434.5	476.7	W	4,942.7	W	5,355.1	139.8	147.7	W	1,210.4	W	1,313.1
April 1994	457.2	501.6	W	4,931.6	W	5,410.7	146.2	154.9	W	1,178.0	W	1,287.5
May 1993	-	527.3	-	-	-	5,274.4	-	151.5	-	-	-	1,182.1
South Carolina												
May 1994	549.6	573.3	W	2,534.6	W	2,683.7	160.7	166.6	W	W	-	585.4
April 1994	559.2	583.1	W	2,595.5	W	2,731.7	166.0	171.2	33.6	565.9	-	599.5
May 1993	-	661.6	-	-	-	2,515.2	-	180.8	-	-	-	554.3
Virginia												
May 1994	512.3	551.7	W	3,047.8	W	4,419.7	181.1	191.6	W	W	-	1,330.2
April 1994	499.4	540.6	W	2,970.1	W	4,438.0	175.9	188.1	W	727.7	W	1,310.7
May 1993	-	609.8	-	-	-	4,235.9	-	208.4	-	-	-	1,209.9
West Virginia												
May 1994	326.0	348.4	W	W	W	630.1	94.5	100.5	W	W	-	148.5
April 1994	324.5	348.1	W	489.7	W	591.3	94.0	97.8	W	W	-	157.0
May 1993	-	379.1	-	-	-	537.0	-	W	-	-	-	135.7
PAD District II												
May 1994	13,701.4	14,279.8	10,050.9	44,615.6	4,111.4	58,777.8	3,053.2	3,124.7	2,856.8	3,391.1	-	6,247.8
April 1994	13,329.6	13,883.6	9,844.4	43,714.0	4,882.2	58,440.5	3,014.9	3,084.2	2,829.8	3,299.8	-	6,129.7
May 1993	-	15,035.6	-	-	-	56,712.3	-	W	-	-	-	W
Illinois												
May 1994	1,818.9	1,846.7	1,914.4	4,361.3	386.6	6,662.3	442.0	442.4	765.3	300.5	-	1,065.8
April 1994	1,716.7	1,745.4	1,891.9	W	W	7,095.2	419.4	420.2	756.1	283.6	-	1,039.7
May 1993	-	1,764.5	-	-	-	6,898.0	-	418.0	-	-	-	W
Indiana												
May 1994	1,223.8	1,234.8	972.7	W	W	4,227.1	278.9	279.5	281.2	317.8	-	599.1
April 1994	1,167.5	1,179.8	962.9	2,795.0	525.1	4,283.1	268.6	269.6	279.1	308.9	-	587.9
May 1993	-	1,186.4	-	-	-	3,776.8	-	251.0	-	-	-	W
Iowa												
May 1994	W	237.8	W	W	-	3,363.8	W	W	W	W	-	25.9
April 1994	228.1	234.3	W	W	-	3,332.3	W	W	W	W	-	25.0
May 1993	-	268.2	-	-	-	3,028.2	-	14.1	-	-	-	30.4
Kansas												
May 1994	565.4	592.2	120.9	W	W	3,255.2	55.4	56.8	W	W	-	55.9
April 1994	541.6	563.4	119.4	W	W	3,266.9	53.4	54.3	W	W	-	53.8
May 1993	-	516.4	-	-	-	3,147.5	-	52.0	-	-	-	W
Kentucky												
May 1994	485.2	541.7	371.1	2,291.3	-	2,662.4	133.5	141.8	101.9	451.4	-	553.2
April 1994	489.3	548.6	372.0	2,286.9	-	2,658.9	132.5	139.9	101.4	454.6	-	558.0
May 1993	-	658.3	-	-	-	2,482.8	-	W	-	-	-	W
Michigan												
May 1994	2,095.0	2,225.8	2,421.5	4,667.2	-	7,088.7	377.3	379.0	603.8	336.7	-	940.5
April 1994	1,967.1	2,080.0	2,329.5	4,344.9	-	6,674.5	366.9	369.7	595.8	339.7	-	935.5
May 1993	-	2,332.1	-	-	-	6,976.2	-	372.3	-	-	-	851.6
Minnesota												
May 1994	1,029.5	1,049.7	W	3,132.2	W	3,739.4	162.9	163.9	W	W	-	237.1
April 1994	1,010.5	1,026.3	W	2,902.9	W	3,575.2	160.9	161.4	W	W	-	208.3
May 1993	-	1,123.1	-	-	-	3,411.3	-	168.8	-	-	-	202.7
Missouri												
May 1994	711.8	749.5	536.5	3,578.3	350.5	4,465.3	131.5	132.3	169.9	111.6	-	281.5
April 1994	700.7	739.8	W	3,687.3	W	4,437.7	129.2	130.1	W	W	-	269.6
May 1993	-	937.5	-	-	-	3,763.1	-	185.0	-	-	-	308.5

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Subdistrict IC												
May 1994	1,881.1	1,984.6	W	7,499.4	W	11,035.8	7,931.4	8,420.6	10,201.8	32,204.3	684.4	43,090.5
April 1994	1,921.1	2,013.7	3,598.5	7,436.0	103.0	11,137.5	8,184.0	8,683.5	10,668.0	32,444.7	1,052.8	44,165.3
May 1993	-	2,015.0	-	-	-	9,696.1	8,621.1	-	-	-	-	40,092.2
Florida												
May 1994	953.8	1,007.5	2,162.2	W	W	3,914.8	3,358.9	3,569.3	5,763.0	7,360.3	210.5	13,353.7
April 1994	984.9	1,026.1	2,245.8	W	W	4,018.1	3,547.3	3,765.4	W	7,680.4	W	14,109.0
May 1993	-	1,074.4	-	-	-	3,621.7	3,744.0	-	-	-	-	12,711.0
Georgia												
May 1994	340.9	357.1	W	W	-	2,001.8	1,587.6	1,674.8	W	7,024.8	W	8,152.0
April 1994	348.0	364.2	W	1,686.3	W	2,053.8	1,624.1	1,709.3	W	7,184.1	W	8,484.3
May 1993	-	343.6	-	-	-	1,691.3	1,617.7	-	-	-	-	7,373.7
North Carolina												
May 1994	134.1	144.1	97.4	1,844.0	-	1,941.4	708.4	768.5	W	7,997.0	W	8,609.5
April 1994	138.3	148.3	W	1,833.5	W	1,943.6	741.6	804.8	W	7,943.1	W	8,641.8
May 1993	-	129.5	-	-	-	1,682.5	771.2	-	-	-	-	8,119.0
South Carolina												
May 1994	153.2	160.0	W	W	-	892.5	863.5	899.9	W	3,940.6	W	4,161.6
April 1994	154.6	160.8	W	875.6	W	945.8	879.8	915.1	W	4,037.0	W	4,277.0
May 1993	-	162.5	-	-	-	719.1	982.9	-	-	-	-	3,786.5
Virginia												
May 1994	224.0	234.2	823.8	W	W	2,102.3	917.5	977.6	W	5,088.9	W	7,852.2
April 1994	221.3	232.0	W	1,161.7	W	2,016.2	896.8	960.7	W	4,859.5	W	7,764.8
May 1993	-	230.7	-	-	-	1,624.7	992.3	-	-	-	-	7,270.5
West Virginia												
May 1994	75.1	81.7	W	W	-	182.9	495.6	530.6	W	772.7	W	961.5
April 1994	76.1	82.4	W	W	-	160.1	494.6	528.2	W	740.6	W	908.5
May 1993	-	74.4	-	-	-	156.7	513.0	-	-	-	-	829.4
PAD District II												
May 1994	3,040.1	3,152.1	3,501.6	8,346.7	97.8	11,946.2	19,794.7	20,556.7	16,409.3	56,353.4	4,209.2	76,971.9
April 1994	3,058.5	3,172.8	3,483.3	8,089.1	283.5	11,835.9	19,403.0	20,140.6	16,137.5	55,102.9	5,165.7	76,406.1
May 1993	-	3,026.8	-	-	-	10,106.1	20,489.1	-	-	-	-	72,735.2
Illinois												
May 1994	496.4	497.0	929.6	910.6	-	1,840.2	2,757.4	2,786.1	3,609.2	5,572.4	386.6	9,568.3
April 1994	480.0	481.9	930.0	W	W	2,033.9	2,616.1	2,647.5	3,577.9	5,779.0	811.9	10,168.8
May 1993	-	462.2	-	-	-	1,553.4	2,599.5	-	-	-	-	9,457.6
Indiana												
May 1994	297.7	298.6	325.2	W	W	953.5	1,800.5	1,813.0	1,579.1	3,848.4	352.3	5,779.7
April 1994	290.5	291.3	327.2	658.2	-	985.4	1,726.8	1,740.7	1,569.2	3,762.1	525.1	5,856.4
May 1993	-	W	-	-	-	801.2	1,653.7	-	-	-	-	5,226.2
Iowa												
May 1994	27.0	W	W	W	-	268.3	273.4	280.1	W	W	-	3,658.0
April 1994	W	W	W	W	-	235.5	267.1	273.3	W	W	-	3,592.8
May 1993	-	26.9	-	-	-	225.9	306.5	-	-	-	-	3,284.5
Kansas												
May 1994	79.8	83.9	W	268.5	W	301.3	700.6	732.9	183.4	2,784.7	644.3	3,812.4
April 1994	74.7	79.3	W	257.0	W	288.9	689.7	697.0	178.7	2,702.8	728.1	3,609.6
May 1993	-	75.4	-	-	-	286.6	624.6	-	-	-	-	3,528.4
Kentucky												
May 1994	142.4	155.7	140.8	680.5	-	821.3	761.1	839.2	613.8	3,423.1	-	4,036.9
April 1994	139.2	153.4	139.0	694.3	-	833.3	761.0	841.9	612.4	3,435.8	-	4,048.2
May 1993	-	169.9	-	-	-	639.1	928.1	-	-	-	-	3,604.9
Michigan												
May 1994	399.1	436.3	736.9	865.1	-	1,602.0	2,871.4	3,041.1	3,762.2	5,869.0	-	9,631.2
April 1994	432.2	468.3	727.3	804.4	-	1,531.7	2,786.1	2,918.0	3,652.7	5,489.0	-	9,141.7
May 1993	-	382.6	-	-	-	1,366.3	2,941.0	-	-	-	-	9,238.2
Minnesota												
May 1994	145.0	145.5	W	W	W	399.4	1,337.5	1,359.1	W	3,608.8	W	4,375.9
April 1994	137.2	137.3	W	W	W	363.2	1,308.6	1,325.0	W	3,317.8	W	4,146.7
May 1993	-	W	-	-	-	324.7	1,428.2	-	-	-	-	3,938.7
Missouri												
May 1994	129.2	133.4	178.3	703.2	-	881.5	972.5	1,015.2	884.7	4,393.1	350.5	5,628.3
April 1994	136.4	141.3	168.2	685.6	-	853.8	966.2	1,011.2	857.4	W	W	5,561.1
May 1993	-	194.4	-	-	-	717.2	1,272.8	-	-	-	-	4,788.8

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	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												
May 1994	142.6	147.2	135.0	1,717.3	—	1,852.2	9.1	9.1	—	—	—	—
April 1994	141.9	147.0	129.0	1,703.5	—	1,832.4	8.4	8.4	W	—	—	W
May 1993	—	171.8	—	—	—	1,718.0	—	10.2	—	—	—	W
North Dakota												
May 1994	9.1	9.9	W	W	—	893.1	1.7	1.7	W	W	—	W
April 1994	9.0	10.9	W	778.8	W	846.0	1.6	1.6	W	W	—	W
May 1993	—	14.4	—	—	—	835.0	—	W	—	—	—	W
Ohio												
May 1994	3,409.7	3,586.0	2,147.7	W	W	5,904.6	938.3	991.9	W	W	—	847.7
April 1994	3,377.3	3,550.8	2,092.7	W	W	5,892.5	939.8	990.3	W	W	—	823.3
May 1993	—	3,915.1	—	—	—	5,863.5	—	1,027.6	—	—	—	W
Oklahoma												
May 1994	565.0	603.4	W	W	1,747.4	4,678.5	128.3	128.5	W	W	—	67.7
April 1994	571.9	614.2	W	W	2,014.1	4,946.9	131.6	132.1	W	W	—	65.7
May 1993	—	616.3	—	—	—	5,447.8	—	122.7	—	—	—	111.2
South Dakota												
May 1994	W	24.4	37.3	W	W	1,023.6	W	W	W	W	—	W
April 1994	20.0	23.1	W	904.7	W	942.6	W	W	W	W	—	W
May 1993	—	23.1	—	—	—	929.7	—	W	—	—	—	W
Tennessee												
May 1994	758.4	784.6	W	4,335.3	W	4,775.5	287.1	290.6	W	W	—	1,205.7
April 1994	773.0	794.4	W	4,279.7	W	4,762.1	297.5	301.5	W	W	—	1,212.3
May 1993	—	857.9	—	—	—	4,439.4	—	296.6	—	—	—	1,027.5
Wisconsin												
May 1994	634.5	646.1	452.9	W	W	4,186.1	91.5	91.5	W	W	—	325.8
April 1994	615.0	625.5	440.3	3,454.1	—	3,894.4	91.3	91.3	104.6	204.9	—	309.5
May 1993	—	650.6	—	—	—	3,996.9	—	87.3	—	—	—	267.8
PAD District III												
May 1994	4,773.2	4,991.4	2,311.3	25,850.7	10,917.8	39,079.8	1,619.0	1,660.8	863.4	4,180.6	20.7	5,064.8
April 1994	4,536.7	4,772.4	2,399.1	W	W	39,517.6	1,547.6	1,590.4	875.3	W	W	5,007.1
May 1993	—	4,982.9	—	—	—	34,891.8	—	1,592.3	—	—	—	4,598.1
Alabama												
May 1994	235.3	257.7	128.7	W	W	3,211.5	87.3	96.1	54.4	W	W	718.4
April 1994	236.9	256.8	W	2,996.6	W	3,230.0	88.7	96.5	W	W	—	700.8
May 1993	—	287.8	—	—	—	3,169.8	—	101.4	—	—	—	646.5
Arkansas												
May 1994	219.6	223.7	W	2,752.8	W	2,809.5	61.5	61.9	W	W	—	360.7
April 1994	215.5	221.3	W	2,789.9	W	2,832.9	58.3	58.6	W	W	—	345.1
May 1993	—	253.2	—	—	—	2,603.5	—	64.7	—	—	—	W
Louisiana												
May 1994	396.5	417.5	284.5	2,681.3	1,309.4	4,275.2	160.5	167.2	129.7	556.6	—	686.3
April 1994	387.8	408.6	W	2,621.0	W	3,891.2	153.3	160.6	133.5	537.8	—	671.3
May 1993	—	458.2	—	—	—	3,912.3	—	174.5	—	—	—	687.2
Mississippi												
May 1994	68.2	84.5	W	2,156.9	W	3,854.2	W	W	7.7	448.7	—	456.5
April 1994	67.4	86.5	26.9	W	W	2,823.0	W	W	9.1	442.7	—	451.8
May 1993	—	103.4	—	—	—	2,933.7	—	28.7	—	—	—	411.9
New Mexico												
May 1994	296.0	302.9	W	W	—	1,440.5	W	W	W	W	—	73.8
April 1994	269.9	276.7	W	W	—	1,483.4	W	W	W	W	—	64.8
May 1993	—	252.4	—	—	—	1,316.5	—	13.8	—	—	—	49.4
Texas												
May 1994	3,557.6	3,705.0	1,633.1	14,013.0	7,842.7	23,488.9	1,274.1	1,296.0	W	2,105.1	W	2,769.1
April 1994	3,359.1	3,522.5	1,697.5	14,357.1	9,202.5	25,257.1	1,211.7	1,234.9	W	2,114.1	W	2,773.3
May 1993	—	3,628.0	—	—	—	20,955.9	—	1,209.2	—	—	—	W
PAD District IV												
May 1994	1,452.9	1,483.5	761.9	W	W	5,756.0	424.6	424.7	W	W	—	391.7
April 1994	1,379.2	1,423.0	740.8	W	W	5,552.6	408.6	408.6	W	W	—	375.7
May 1993	—	1,450.4	—	—	—	5,618.7	—	344.2	—	—	—	293.2
Colorado												
May 1994	1,181.5	1,187.4	391.7	1,650.2	—	2,041.9	343.7	343.7	110.4	153.3	—	263.6
April 1994	1,108.8	1,114.6	378.7	1,519.1	—	1,997.8	326.3	326.3	103.4	134.6	—	238.0
May 1993	—	1,151.4	—	—	—	2,059.6	—	W	—	—	—	221.0

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	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Nebraska												
May 1994	17.5	17.9	28.7	95.1	—	123.8	169.2	174.2	163.7	1,812.4	—	1,976.1
April 1994	16.9	17.2	W	88.6	—	W	167.2	172.6	156.0	1,792.0	—	1,948.0
May 1993	—	W	—	—	—	98.8	189.1	—	—	—	—	1,817.5
North Dakota												
May 1994	0.9	0.9	W	43.8	—	W	11.6	12.5	W	W	—	979.3
April 1994	1.0	1.0	W	W	—	W	11.6	13.4	W	829.9	W	924.8
May 1993	—	1.4	—	—	—	45.0	14.7	—	—	—	—	928.3
Ohio												
May 1994	755.8	787.8	682.6	679.5	—	1,362.1	5,103.8	5,365.7	W	4,569.4	W	8,114.4
April 1994	777.7	811.3	673.5	645.0	—	1,318.5	5,094.8	5,352.4	W	4,453.6	W	8,034.3
May 1993	—	W	—	—	—	1,137.1	5,452.8	—	—	—	—	7,768.2
Oklahoma												
May 1994	129.1	139.2	W	587.9	W	663.0	822.4	871.1	W	3,524.5	W	5,409.2
April 1994	131.4	142.8	W	586.1	W	621.6	834.9	889.1	W	3,524.7	W	5,634.2
May 1993	—	130.8	—	—	—	697.5	806.9	—	—	—	—	6,258.1
South Dakota												
May 1994	0.9	W	W	69.6	—	W	22.7	26.5	50.3	W	W	1,111.1
April 1994	W	W	5.9	W	—	W	21.2	25.2	W	968.9	W	1,018.7
May 1993	—	W	—	—	—	65.9	23.0	—	—	—	—	1,016.4
Tennessee												
May 1994	315.0	322.0	W	W	—	1,861.6	1,360.5	1,397.2	W	7,058.4	W	7,842.8
April 1994	312.1	316.8	W	W	—	1,864.9	1,382.6	1,412.7	W	6,999.8	W	7,839.3
May 1993	—	294.6	—	—	—	1,522.4	1,417.9	—	—	—	—	6,989.4
Wisconsin												
May 1994	104.1	105.2	125.8	610.7	—	736.5	830.2	842.8	W	4,539.5	W	5,248.4
April 1994	102.8	103.8	120.6	557.1	—	677.7	809.1	820.6	665.5	4,216.0	—	4,881.5
May 1993	—	102.7	—	—	—	623.1	830.3	—	—	—	—	4,887.7
PAD District III												
May 1994	1,706.5	1,763.0	1,221.0	6,722.2	1,635.6	9,578.8	8,098.7	8,415.1	4,395.7	36,753.5	12,574.1	53,723.3
April 1994	1,659.5	1,719.5	1,258.6	6,497.1	724.6	8,480.2	7,743.8	8,082.3	4,533.0	36,786.4	11,685.6	53,004.9
May 1993	—	1,740.3	—	—	—	8,188.6	8,077.0	—	—	—	—	48,002.3
Alabama												
May 1994	91.9	95.4	69.3	1,124.1	—	1,193.4	414.5	453.2	252.5	W	W	5,123.4
April 1994	94.9	103.5	W	W	—	1,183.0	420.5	456.9	W	4,734.1	W	5,113.8
May 1993	—	103.3	—	—	—	987.6	458.7	—	—	—	—	4,803.9
Arkansas												
May 1994	46.2	46.2	W	W	—	838.5	327.3	331.8	W	3,934.0	W	4,008.7
April 1994	45.4	45.5	W	W	—	725.3	319.2	325.3	W	3,840.7	W	3,903.3
May 1993	—	W	—	—	—	624.1	338.7	—	—	—	—	3,524.2
Louisiana												
May 1994	174.6	182.3	231.3	959.5	384.2	1,575.0	731.5	767.0	645.5	4,197.4	1,693.6	6,536.5
April 1994	171.2	179.8	W	930.2	W	1,234.4	712.3	749.0	660.2	4,089.0	1,047.7	5,796.9
May 1993	—	206.5	—	—	—	1,236.5	800.6	—	—	—	—	5,836.0
Mississippi												
May 1994	W	W	W	688.2	W	865.4	110.6	135.7	40.5	3,293.8	1,841.7	5,176.0
April 1994	W	W	9.5	W	W	725.8	109.4	138.8	45.5	3,260.5	694.7	4,000.6
May 1993	—	W	—	—	—	688.7	150.1	—	—	—	—	4,034.3
New Mexico												
May 1994	W	W	W	W	—	186.1	353.4	360.6	W	W	—	1,700.4
April 1994	W	W	26.0	162.1	—	188.1	324.1	330.9	251.5	1,484.9	—	1,736.3
May 1993	—	34.2	—	—	—	153.3	316.9	—	—	—	—	1,722.3
Texas												
May 1994	1,329.6	1,365.7	W	2,961.8	W	4,920.4	6,161.4	6,366.7	3,154.3	19,080.0	8,944.0	31,178.4
April 1994	1,287.4	1,324.0	W	2,906.2	W	4,423.7	5,858.3	6,081.4	3,234.9	19,377.3	9,841.8	32,454.0
May 1993	—	1,319.9	—	—	—	4,498.4	6,012.0	—	—	—	—	28,081.5
PAD District IV												
May 1994	369.8	378.3	237.9	1,066.5	—	1,304.5	2,247.3	2,286.6	W	6,273.3	W	7,452.2
April 1994	364.4	373.7	227.7	1,021.8	—	1,249.4	2,152.2	2,205.3	W	6,043.8	W	7,177.7
May 1993	—	339.4	—	—	—	1,124.4	2,138.0	—	—	—	—	7,825.5
Colorado												
May 1994	260.0	260.3	101.5	304.2	—	405.7	1,785.2	1,791.5	603.6	2,107.6	—	2,711.2
April 1994	247.4	248.0	91.0	283.5	—	374.5	1,682.5	1,688.9	573.1	1,937.2	—	2,510.3
May 1993	—	223.7	—	—	—	364.3	1,669.1	—	—	—	—	2,692.3

See footnotes at end of table.

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

Geographic Area Month	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												
May 1994	W	10.0	137.1	853.1	-	990.2	-	-	W	W	-	W
April 1994	W	W	W	W	-	944.2	-	-	W	W	-	W
May 1993	-	9.4	-	-	-	945.4	-	-	-	-	-	W
Montana												
May 1994	W	W	W	W	W	W	W	W	-	-	-	-
April 1994	W	W	W	W	W	W	-	-	-	-	-	-
May 1993	-	13.6	-	-	-	838.6	-	-	-	-	-	-
Utah												
May 1994	203.4	218.2	W	1,081.9	W	1,301.8	77.2	77.3	W	W	-	118.8
April 1994	205.9	234.8	226.8	W	W	1,391.9	W	W	W	W	-	118.2
May 1993	-	226.1	-	-	-	1,285.4	-	W	-	-	-	W
Wyoming												
May 1994	52.1	W	W	W	-	W	W	W	W	-	-	W
April 1994	49.4	51.9	11.2	W	-	W	W	W	W	-	-	W
May 1993	-	50.0	-	-	-	489.7	-	-	-	-	-	W
PAD District V												
May 1994	6,575.4	6,796.3	18,241.4	10,758.9	3,791.0	32,791.3	733.8	764.3	W	925.2	W	4,177.9
April 1994	6,719.9	6,936.2	18,080.4	10,895.6	3,521.6	32,497.5	832.8	865.1	W	W	W	4,175.0
May 1993	-	6,924.0	-	-	-	31,533.5	-	1,199.0	-	-	-	4,257.1
Alaska												
May 1994	189.6	207.9	106.7	W	W	371.3	-	-	W	-	-	W
April 1994	176.0	191.2	W	184.4	W	286.3	-	-	W	-	-	W
May 1993	-	225.6	-	-	-	353.5	-	-	-	-	-	-
Arizona												
May 1994	793.2	812.9	W	910.9	W	2,499.6	W	W	W	W	-	9.4
April 1994	855.4	874.5	1,404.9	W	W	2,570.2	W	W	NA	W	-	NA
May 1993	-	794.0	-	-	-	2,103.1	-	5.7	-	-	-	17.3
California												
May 1994	4,363.8	4,459.4	13,329.4	6,341.6	3,244.9	22,916.0	702.5	719.5	3,009.6	W	W	3,931.0
April 1994	4,408.8	4,508.5	13,263.0	6,375.7	2,986.5	22,625.2	803.2	822.1	2,991.5	W	W	3,889.3
May 1993	-	4,349.3	-	-	-	21,311.0	-	W	-	-	-	4,001.1
Hawaii												
May 1994	105.9	155.0	326.6	74.8	-	401.4	22.1	35.4	88.1	3.6	-	91.8
April 1994	106.4	155.1	323.5	77.6	-	401.1	20.3	33.5	W	W	-	89.7
May 1993	-	172.3	-	-	-	374.0	-	W	-	-	-	78.3
Nevada												
May 1994	102.2	115.8	799.4	W	W	1,435.8	5.7	5.9	W	W	-	136.3
April 1994	108.3	120.4	W	470.3	W	1,395.6	5.1	5.3	W	W	-	132.5
May 1993	-	112.9	-	-	-	1,375.6	-	19.7	-	-	-	158.0
Oregon												
May 1994	262.0	275.8	W	839.8	W	1,825.0	W	W	-	W	-	W
April 1994	274.3	286.2	W	976.5	W	1,828.7	W	W	-	W	-	W
May 1993	-	322.8	-	-	-	2,307.4	-	W	-	-	-	-
Washington												
May 1994	758.7	769.5	W	1,834.4	W	3,542.2	W	W	W	-	-	W
April 1994	790.7	800.2	1,536.2	W	W	3,390.5	W	W	W	W	-	W
May 1993	-	947.1	-	-	-	3,709.0	-	W	-	-	-	2.5

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Idaho												
May 1994	W	W	W	W	—	W	W	W	180.0	1,006.6	—	1,186.6
April 1994	W	W	40.9	W	—	W	W	11.1	165.2	973.6	—	1,138.7
May 1993	—	W	—	—	—	W	W	—	—	—	—	1,375.5
Montana												
May 1994	W	W	—	W	—	W	W	W	W	1,101.5	W	1,104.7
April 1994	W	W	W	W	—	W	W	14.5	W	1,029.4	W	1,030.1
May 1993	—	W	—	—	—	170.9	W	—	—	—	—	1,225.9
Utah												
May 1994	95.2	102.0	W	W	—	419.2	375.8	397.5	W	1,467.2	W	1,839.6
April 1994	W	W	91.1	347.8	—	438.9	388.0	422.9	W	1,570.1	W	1,949.0
May 1993	—	100.2	—	—	—	346.3	381.2	—	—	—	—	1,871.1
Wyoming												
May 1994	W	11.7	5.2	W	—	W	67.0	71.0	19.8	590.2	—	610.0
April 1994	W	W	W	W	—	W	63.5	68.0	16.1	533.5	—	549.6
May 1993	—	12.1	—	—	—	W	65.2	—	—	—	—	660.7
PAD District V												
May 1994	1,503.9	1,550.3	6,727.6	2,101.1	341.5	9,170.3	8,813.1	9,110.8	W	13,735.2	W	46,139.5
April 1994	1,657.7	1,705.1	6,648.1	W	W	8,976.3	9,210.3	9,506.4	W	13,700.9	W	45,648.9
May 1993	—	1,772.6	—	—	—	8,918.7	9,889.4	—	—	—	—	46,699.0
Alaska												
May 1994	34.6	37.6	22.8	W	—	W	224.3	245.5	W	250.7	W	419.1
April 1994	31.9	34.8	W	20.0	—	W	207.9	226.0	W	204.4	W	329.2
May 1993	—	29.2	—	—	—	42.0	217.8	—	—	—	—	413.9
Arizona												
May 1994	W	W	W	W	W	580.0	998.8	1,020.2	1,746.4	1,109.5	233.2	3,089.0
April 1994	W	W	W	172.8	W	526.5	1,060.4	1,080.0	1,804.9	W	W	3,151.4
May 1993	—	196.5	—	—	—	449.1	1,101.0	—	—	—	—	3,011.6
California												
May 1994	1,002.4	1,020.8	5,374.4	W	W	6,968.8	6,068.7	6,199.6	21,713.4	8,497.1	3,605.3	33,815.8
April 1994	1,150.2	1,170.1	5,363.0	W	W	6,901.1	6,362.2	6,500.6	21,617.5	8,350.6	3,447.5	33,415.6
May 1993	—	1,191.2	—	—	—	6,581.7	6,449.1	—	—	—	—	31,893.7
Hawaii												
May 1994	48.3	71.1	216.1	34.6	—	250.6	176.3	261.4	630.8	113.0	—	743.8
April 1994	48.8	71.7	W	W	—	247.8	175.5	260.4	621.3	117.3	—	738.6
May 1993	—	75.8	—	—	—	243.7	183.3	—	—	—	—	696.0
Nevada												
May 1994	19.5	19.5	W	99.7	W	321.5	127.3	141.3	1,086.9	W	W	1,893.6
April 1994	19.7	19.7	195.0	W	W	288.1	133.0	145.4	1,045.2	W	W	1,816.2
May 1993	—	21.1	—	—	—	280.0	131.5	—	—	—	—	1,817.6
Oregon												
May 1994	W	W	W	W	W	W	317.2	331.3	876.8	973.8	59.8	1,910.5
April 1994	W	W	W	149.3	—	W	330.2	342.5	824.4	W	W	2,109.6
May 1993	—	60.6	—	—	—	369.9	440.3	—	—	—	—	3,268.8
Washington												
May 1994	W	W	W	W	—	W	900.8	911.5	1,975.6	W	W	4,267.5
April 1994	W	W	379.8	W	—	W	941.2	951.4	W	2,096.4	W	4,088.3
May 1993	—	198.2	—	—	—	952.3	1,366.3	—	—	—	—	5,597.4

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Notes: 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												
May 1994	51,764.1	54,053.6	W	165,316.4	W	275,753.9	945.3	949.1	W	749.7	W	1,828.2
April 1994	50,258.4	52,507.8	73,598.2	160,718.5	26,306.9	260,623.5	2,145.2	2,203.6	9,842.8	3,469.9	540.6	13,853.3
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District I												
May 1994	W	W	W	52,884.7	W	83,219.4	W	W	W	16.0	W	75.8
April 1994	12,381.1	13,207.4	25,029.2	49,879.6	5,456.5	80,365.4	1,513.2	1,569.5	8,658.4	2,674.7	540.6	11,873.7
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict 1A												
May 1994	640.2	719.7	W	W	1,150.9	W	-	-	W	W	-	W
April 1994	W	W	W	W	291.2	W	W	W	W	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut												
May 1994	W	141.8	1,316.2	W	W	W	-	-	W	W	-	W
April 1994	41.8	W	W	W	-	W	W	W	W	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
May 1994	-	W	W	998.0	W	1,256.0	-	-	-	-	-	-
April 1994	-	W	W	948.6	W	1,167.4	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
May 1994	353.9	399.3	2,494.1	W	W	5,379.3	-	-	-	-	-	-
April 1994	329.8	377.5	2,406.6	W	W	4,699.5	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire												
May 1994	81.1	88.7	290.8	121.6	-	412.5	-	-	-	-	-	-
April 1994	75.0	82.5	275.7	107.9	-	383.6	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
May 1994	W	82.4	439.4	488.5	-	927.9	-	-	-	-	-	-
April 1994	W	79.1	W	556.0	W	1,075.6	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
May 1994	-	W	W	W	-	169.1	-	-	-	-	-	-
April 1994	-	W	W	W	-	149.9	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict 1B												
May 1994	W	W	W	15,001.8	W	38,598.4	W	W	W	12.6	W	68.6
April 1994	W	W	10,355.0	12,233.2	4,112.7	26,700.9	W	W	8,122.6	2,398.6	540.6	11,061.9
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Delaware												
May 1994	W	W	343.4	492.5	W	W	-	-	-	W	-	W
April 1994	W	W	343.2	511.5	W	W	-	-	-	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
May 1994	-	W	W	W	-	422.9	-	-	-	-	-	-
April 1994	-	W	W	W	-	420.0	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
May 1994	W	64.8	3,443.8	W	W	W	-	-	W	W	-	W
April 1994	W	65.5	W	1,607.3	W	5,142.6	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey												
May 1994	W	W	W	W	2,311.1	9,425.7	W	W	W	W	-	50.8
April 1994	418.9	464.7	1,147.7	W	W	3,443.1	740.2	767.3	3,863.5	W	W	5,814.1
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New York												
May 1994	W	1,929.2	W	W	395.0	10,726.4	W	48.0	W	W	-	17.0
April 1994	1,272.7	1,322.2	1,444.3	W	W	5,120.9	568.1	596.5	4,259.1	W	W	5,247.3
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania												
May 1994	W	W	3,611.9	6,035.9	W	W	W	W	-	-	W	W
April 1994	W	W	3,582.9	W	1,982.1	W	W	W	-	W	-	W
May 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												
May 1994	-	-	-	-	-	-	52,709.4	55,002.8	83,730.8	166,066.2	27,785.2	277,582.1
April 1994	-	-	-	-	-	-	52,403.6	54,711.5	83,440.9	164,188.3	26,847.5	274,476.8
May 1993	-	-	-	-	-	-	55,163.7	57,556.5	-	-	-	264,045.6
PAD District I												
May 1994	-	-	-	-	-	-	13,755.6	14,833.5	33,587.9	52,900.8	6,806.6	93,295.2
April 1994	-	-	-	-	-	-	13,894.3	14,776.9	33,687.6	52,554.3	5,997.2	92,239.1
May 1993	-	-	-	-	-	-	14,570.2	-	-	-	-	88,783.5
Subdistrict IA												
May 1994	-	-	-	-	-	-	640.2	719.7	4,704.7	5,682.1	1,150.9	11,537.7
April 1994	-	-	-	-	-	-	596.7	677.9	4,542.0	5,477.7	291.2	10,311.0
May 1993	-	-	-	-	-	-	656.9	-	-	-	-	10,479.4
Connecticut												
May 1994	-	-	-	-	-	-	W	141.8	W	1,727.7	W	3,392.9
April 1994	-	-	-	-	-	-	W	133.2	1,273.8	1,561.2	-	2,835.0
May 1993	-	-	-	-	-	-	W	-	-	-	-	2,982.2
Maine												
May 1994	-	-	-	-	-	-	-	W	W	998.0	W	1,256.0
April 1994	-	-	-	-	-	-	-	W	W	948.6	W	1,167.4
May 1993	-	-	-	-	-	-	-	-	-	-	-	1,329.5
Massachusetts												
May 1994	-	-	-	-	-	-	353.9	399.3	2,494.1	W	W	5,379.3
April 1994	-	-	-	-	-	-	329.8	377.5	2,406.6	W	W	4,699.5
May 1993	-	-	-	-	-	-	347.6	-	-	-	-	4,334.2
New Hampshire												
May 1994	-	-	-	-	-	-	81.1	88.7	290.8	121.6	-	412.5
April 1994	-	-	-	-	-	-	75.0	82.5	275.7	107.9	-	383.6
May 1993	-	-	-	-	-	-	92.8	-	-	-	-	501.0
Rhode Island												
May 1994	-	-	-	-	-	-	W	82.4	439.4	488.5	-	927.9
April 1994	-	-	-	-	-	-	W	79.1	W	556.0	W	1,075.6
May 1993	-	-	-	-	-	-	W	-	-	-	-	1,181.7
Vermont												
May 1994	-	-	-	-	-	-	-	W	W	W	-	169.1
April 1994	-	-	-	-	-	-	-	W	W	W	-	149.9
May 1993	-	-	-	-	-	-	-	-	-	-	-	150.8
Subdistrict IB												
May 1994	-	-	-	-	-	-	5,184.1	5,493.2	18,681.3	15,014.4	4,971.3	38,666.9
April 1994	-	-	-	-	-	-	5,113.6	5,415.4	18,477.6	14,631.9	4,653.3	37,762.8
May 1993	-	-	-	-	-	-	5,292.2	-	-	-	-	38,212.0
Delaware												
May 1994	-	-	-	-	-	-	W	W	343.4	W	W	869.7
April 1994	-	-	-	-	-	-	W	W	343.2	W	W	982.4
May 1993	-	-	-	-	-	-	W	-	-	-	-	867.1
District of Columbia												
May 1994	-	-	-	-	-	-	-	W	W	W	-	422.9
April 1994	-	-	-	-	-	-	-	W	W	W	-	420.0
May 1993	-	-	-	-	-	-	-	-	-	-	-	428.5
Maryland												
May 1994	-	-	-	-	-	-	W	64.8	W	1,831.2	W	5,388.0
April 1994	-	-	-	-	-	-	W	65.5	W	1,607.3	W	5,142.6
May 1993	-	-	-	-	-	-	-	-	-	-	-	5,573.9
New Jersey												
May 1994	-	-	-	-	-	-	1,083.9	1,156.9	5,050.8	2,114.6	2,311.1	9,476.5
April 1994	-	-	-	-	-	-	1,159.1	1,232.0	5,011.2	2,183.1	2,062.8	9,257.2
May 1993	-	-	-	-	-	-	1,140.4	-	-	-	-	8,954.5
New York												
May 1994	-	-	-	-	-	-	1,892.7	1,975.2	5,821.9	4,526.4	395.0	10,743.3
April 1994	-	-	-	-	-	-	1,840.9	1,918.6	5,703.4	W	W	10,368.3
May 1993	-	-	-	-	-	-	W	-	-	-	-	11,315.6
Pennsylvania												
May 1994	-	-	-	-	-	-	2,176.7	2,250.9	3,611.9	6,035.9	2,118.7	11,766.5
April 1994	-	-	-	-	-	-	2,084.9	2,154.6	3,582.9	6,027.5	1,982.1	11,592.5
May 1993	-	-	-	-	-	-	2,153.4	-	-	-	-	11,072.3

See footnotes at end of table.

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

Geographic Area Month	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												
May 1994	7,931.4	8,420.6	10,201.8	W	684.4	W	-	-	-	W	-	W
April 1994	8,184.0	8,683.5	W	W	1,052.8	W	-	-	W	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Florida												
May 1994	3,358.9	3,569.3	5,763.0	7,380.3	210.5	13,353.7	-	-	-	-	-	-
April 1994	3,547.3	3,765.4	W	7,680.4	W	14,109.0	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Georgia												
May 1994	1,587.6	1,674.8	W	7,024.8	W	8,152.0	-	-	-	-	-	-
April 1994	1,624.1	1,709.3	W	7,184.1	W	8,464.3	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina												
May 1994	708.4	768.5	W	W	W	W	-	-	-	W	-	W
April 1994	741.6	804.8	W	W	W	W	-	-	-	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina												
May 1994	863.5	899.9	W	3,940.6	W	4,161.6	-	-	-	-	-	-
April 1994	879.8	915.1	W	4,037.0	W	4,277.0	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Virginia												
May 1994	917.5	977.6	W	W	W	W	-	-	-	W	-	W
April 1994	896.6	960.7	2,708.7	4,859.5	W	W	-	-	W	-	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
West Virginia												
May 1994	495.6	530.6	W	772.7	W	961.5	-	-	-	-	-	-
April 1994	494.6	528.2	W	740.6	W	908.5	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District II												
May 1994	W	W	16,409.3	55,935.3	4,209.2	76,553.8	W	W	-	418.1	-	418.1
April 1994	W	W	16,137.5	54,706.1	5,165.7	76,009.2	W	W	-	396.9	-	396.9
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Illinois												
May 1994	2,757.4	2,786.1	3,609.2	5,572.4	386.6	9,568.3	-	-	-	-	-	-
April 1994	2,616.1	2,647.5	3,577.9	5,779.0	811.9	10,168.8	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Indiana												
May 1994	1,800.5	1,813.0	1,579.1	3,848.4	352.3	5,779.7	-	-	-	-	-	-
April 1994	1,726.6	1,740.7	1,569.2	3,762.1	525.1	5,856.4	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Iowa												
May 1994	273.4	280.1	W	W	-	3,658.0	-	-	-	-	-	-
April 1994	267.1	273.3	W	W	-	3,592.8	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Kansas												
May 1994	700.6	732.9	183.4	2,784.7	644.3	3,612.4	-	-	-	-	-	-
April 1994	669.7	697.0	178.7	2,702.8	728.1	3,609.6	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Kentucky												
May 1994	761.1	839.2	613.8	3,423.1	-	4,036.9	-	-	-	-	-	-
April 1994	761.0	841.9	612.4	3,435.8	-	4,048.2	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Michigan												
May 1994	2,871.4	3,041.1	3,762.2	5,869.0	-	9,631.2	-	-	-	-	-	-
April 1994	2,766.1	2,918.0	3,652.7	5,489.0	-	9,141.7	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Minnesota												
May 1994	W	W	W	3,190.7	W	3,957.8	W	W	-	418.1	-	418.1
April 1994	W	W	W	2,920.9	W	3,749.8	W	W	-	396.9	-	396.9
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Missouri												
May 1994	972.5	1,015.2	884.7	4,393.1	350.5	5,628.3	-	-	-	-	-	-
April 1994	966.2	1,011.2	857.4	W	W	5,561.1	-	-	-	-	-	-
May 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												
May 1994	-	-	-	-	-	-	7,931.4	8,420.6	10,201.8	32,204.3	684.4	43,090.5
April 1994	-	-	-	-	-	-	8,184.0	8,683.5	10,668.0	32,444.7	1,052.6	44,165.3
May 1993	-	-	-	-	-	-	8,621.1	-	-	-	-	40,092.2
Florida												
May 1994	-	-	-	-	-	-	3,358.9	3,569.3	5,763.0	7,380.3	210.5	13,353.7
April 1994	-	-	-	-	-	-	3,547.3	3,765.4	W	7,680.4	W	14,109.0
May 1993	-	-	-	-	-	-	3,744.0	-	-	-	-	12,711.0
Georgia												
May 1994	-	-	-	-	-	-	1,587.6	1,674.8	W	7,024.8	W	8,152.0
April 1994	-	-	-	-	-	-	1,624.1	1,709.3	W	7,184.1	W	8,464.3
May 1993	-	-	-	-	-	-	1,617.7	-	-	-	-	7,373.7
North Carolina												
May 1994	-	-	-	-	-	-	708.4	768.5	W	7,997.0	W	8,609.5
April 1994	-	-	-	-	-	-	741.6	804.8	W	7,943.1	W	8,641.8
May 1993	-	-	-	-	-	-	771.2	-	-	-	-	8,119.0
South Carolina												
May 1994	-	-	-	-	-	-	663.5	899.9	W	3,940.6	W	4,161.6
April 1994	-	-	-	-	-	-	879.8	915.1	W	4,037.0	W	4,277.0
May 1993	-	-	-	-	-	-	982.9	-	-	-	-	3,788.5
Virginia												
May 1994	-	-	-	-	-	-	917.5	977.6	W	5,088.9	W	7,852.2
April 1994	-	-	-	-	-	-	896.6	980.7	W	4,859.5	W	7,764.8
May 1993	-	-	-	-	-	-	992.3	-	-	-	-	7,270.5
West Virginia												
May 1994	-	-	-	-	-	-	495.6	530.6	W	772.7	W	961.5
April 1994	-	-	-	-	-	-	494.6	528.2	W	740.6	W	908.5
May 1993	-	-	-	-	-	-	513.0	-	-	-	-	829.4
PAD District II												
May 1994	-	-	-	-	-	-	19,794.7	20,556.7	16,409.3	56,353.4	4,209.2	76,971.9
April 1994	-	-	-	-	-	-	19,403.0	20,140.6	16,137.5	55,102.9	5,165.7	76,406.1
May 1993	-	-	-	-	-	-	20,489.1	-	-	-	-	72,735.2
Illinois												
May 1994	-	-	-	-	-	-	2,757.4	2,786.1	3,609.2	5,572.4	386.6	9,568.3
April 1994	-	-	-	-	-	-	2,616.1	2,647.5	3,577.9	5,779.0	811.9	10,168.8
May 1993	-	-	-	-	-	-	2,599.5	-	-	-	-	9,457.6
Indiana												
May 1994	-	-	-	-	-	-	1,800.5	1,813.0	1,579.1	3,848.4	352.3	5,779.7
April 1994	-	-	-	-	-	-	1,726.6	1,740.7	1,569.2	3,762.1	525.1	5,856.4
May 1993	-	-	-	-	-	-	1,653.7	-	-	-	-	5,226.2
Iowa												
May 1994	-	-	-	-	-	-	273.4	280.1	W	W	-	3,658.0
April 1994	-	-	-	-	-	-	267.1	273.3	W	W	-	3,592.8
May 1993	-	-	-	-	-	-	306.5	-	-	-	-	3,284.5
Kansas												
May 1994	-	-	-	-	-	-	700.6	732.9	183.4	2,784.7	644.3	3,612.4
April 1994	-	-	-	-	-	-	669.7	697.0	178.7	2,702.8	728.1	3,609.6
May 1993	-	-	-	-	-	-	624.6	-	-	-	-	3,528.4
Kentucky												
May 1994	-	-	-	-	-	-	761.1	839.2	613.8	3,423.1	-	4,036.9
April 1994	-	-	-	-	-	-	761.0	841.9	612.4	3,435.8	-	4,048.2
May 1993	-	-	-	-	-	-	928.1	-	-	-	-	3,604.9
Michigan												
May 1994	-	-	-	-	-	-	2,871.4	3,041.1	3,762.2	5,869.0	-	9,631.2
April 1994	-	-	-	-	-	-	2,766.1	2,918.0	3,852.7	5,489.0	-	9,141.7
May 1993	-	-	-	-	-	-	2,941.0	-	-	-	-	9,238.2
Minnesota												
May 1994	-	-	-	-	-	-	1,337.5	1,359.1	W	3,608.8	W	4,375.9
April 1994	-	-	-	-	-	-	1,308.6	1,325.0	W	3,317.8	W	4,146.7
May 1993	-	-	-	-	-	-	1,428.2	-	-	-	-	3,938.7
Missouri												
May 1994	-	-	-	-	-	-	972.5	1,015.2	884.7	4,393.1	350.5	5,628.3
April 1994	-	-	-	-	-	-	966.2	1,011.2	857.4	W	W	5,581.1
May 1993	-	-	-	-	-	-	1,272.8	-	-	-	-	4,788.8

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												
May 1994	169.2	174.2	163.7	1,812.4	-	1,976.1	-	-	-	-	-	-
April 1994	167.2	172.6	156.0	1,792.0	-	1,948.0	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota												
May 1994	11.6	12.5	W	W	-	979.3	-	-	-	-	-	-
April 1994	11.6	13.4	W	829.9	W	924.8	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Ohio												
May 1994	5,103.8	5,365.7	W	4,569.4	W	8,114.4	-	-	-	-	-	-
April 1994	5,094.8	5,352.4	W	4,453.6	W	8,034.3	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Oklahoma												
May 1994	822.4	871.1	W	3,524.5	W	5,409.2	-	-	-	-	-	-
April 1994	834.9	889.1	W	3,524.7	W	5,634.2	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota												
May 1994	22.7	26.5	50.3	W	W	1,111.1	-	-	-	-	-	-
April 1994	21.2	25.2	W	968.9	W	1,018.7	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee												
May 1994	1,360.5	1,397.2	W	7,058.4	W	7,842.8	-	-	-	-	-	-
April 1994	1,382.6	1,412.7	W	6,999.8	W	7,839.3	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin												
May 1994	830.2	842.8	W	4,539.5	W	5,248.4	-	-	-	-	-	-
April 1994	809.1	820.6	665.5	4,216.0	-	4,881.5	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District III												
May 1994	W	W	W	W	12,574.1	W	W	W	W	W	-	W
April 1994	W	W	W	W	11,685.6	W	W	W	W	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Alabama												
May 1994	414.5	453.2	252.5	W	W	5,123.4	-	-	-	-	-	-
April 1994	420.5	456.9	W	4,734.1	W	5,113.8	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Arkansas												
May 1994	327.3	331.8	W	3,934.0	W	4,008.7	-	-	-	-	-	-
April 1994	319.2	325.3	W	3,840.7	W	3,903.3	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana												
May 1994	731.5	767.0	645.5	4,197.4	1,693.6	6,536.5	-	-	-	-	-	-
April 1994	712.3	749.0	680.2	4,089.0	1,047.7	5,796.9	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi												
May 1994	110.6	135.7	40.5	3,293.8	1,841.7	5,176.0	-	-	-	-	-	-
April 1994	109.4	138.8	45.5	3,260.5	694.7	4,000.6	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico												
May 1994	W	W	235.5	W	-	W	W	W	W	-	-	W
April 1994	W	W	W	W	-	W	W	W	W	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Texas												
May 1994	6,161.4	6,366.7	3,154.3	W	8,944.0	W	-	-	-	W	-	W
April 1994	5,858.3	W	3,234.9	W	9,841.8	W	-	W	-	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District IV												
May 1994	W	W	W	W	W	W	W	W	-	W	-	W
April 1994	W	W	W	W	W	W	W	W	-	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Colorado												
May 1994	W	W	603.6	W	-	W	W	W	-	W	-	W
April 1994	W	W	573.1	W	-	W	W	W	-	W	-	W
May 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												
May 1994	-	-	-	-	-	-	169.2	174.2	163.7	1,812.4	-	1,976.1
April 1994	-	-	-	-	-	-	167.2	172.6	156.0	1,792.0	-	1,948.0
May 1993	-	-	-	-	-	-	189.1	-	-	-	-	1,817.5
North Dakota												
May 1994	-	-	-	-	-	-	11.6	12.5	W	W	-	979.3
April 1994	-	-	-	-	-	-	11.6	13.4	W	829.9	W	924.8
May 1993	-	-	-	-	-	-	14.7	-	-	-	-	928.3
Ohio												
May 1994	-	-	-	-	-	-	5,103.8	5,365.7	W	4,569.4	W	8,114.4
April 1994	-	-	-	-	-	-	5,094.8	5,352.4	W	4,453.6	W	8,034.3
May 1993	-	-	-	-	-	-	5,452.8	-	-	-	-	7,768.2
Oklahoma												
May 1994	-	-	-	-	-	-	822.4	871.1	W	3,524.5	W	5,409.2
April 1994	-	-	-	-	-	-	834.9	889.1	W	3,524.7	W	5,634.2
May 1993	-	-	-	-	-	-	806.9	-	-	-	-	6,258.1
South Dakota												
May 1994	-	-	-	-	-	-	22.7	26.5	50.3	W	W	1,111.1
April 1994	-	-	-	-	-	-	21.2	25.2	W	968.9	W	1,018.7
May 1993	-	-	-	-	-	-	23.0	-	-	-	-	1,018.8
Tennessee												
May 1994	-	-	-	-	-	-	1,360.5	1,397.2	W	7,058.4	W	7,842.8
April 1994	-	-	-	-	-	-	1,382.6	1,412.7	W	6,999.8	W	7,839.3
May 1993	-	-	-	-	-	-	1,417.9	-	-	-	-	6,989.4
Wisconsin												
May 1994	-	-	-	-	-	-	830.2	842.8	W	4,539.5	W	5,248.4
April 1994	-	-	-	-	-	-	809.1	820.6	665.5	4,216.0	-	4,881.5
May 1993	-	-	-	-	-	-	830.3	-	-	-	-	4,887.7
PAD District III												
May 1994	-	-	-	-	-	-	8,098.7	8,415.1	4,395.7	36,753.5	12,574.1	53,723.3
April 1994	-	-	-	-	-	-	7,743.8	8,082.3	4,533.0	36,786.4	11,685.6	53,004.9
May 1993	-	-	-	-	-	-	8,077.0	-	-	-	-	48,002.3
Alabama												
May 1994	-	-	-	-	-	-	414.5	453.2	252.5	W	W	5,123.4
April 1994	-	-	-	-	-	-	420.5	456.9	W	4,734.1	W	5,113.8
May 1993	-	-	-	-	-	-	458.7	-	-	-	-	4,803.9
Arkansas												
May 1994	-	-	-	-	-	-	327.3	331.8	W	3,934.0	W	4,008.7
April 1994	-	-	-	-	-	-	319.2	325.3	W	3,840.7	W	3,903.3
May 1993	-	-	-	-	-	-	338.7	-	-	-	-	3,524.2
Louisiana												
May 1994	-	-	-	-	-	-	731.5	767.0	645.5	4,197.4	1,693.6	6,536.5
April 1994	-	-	-	-	-	-	712.3	749.0	660.2	4,089.0	1,047.7	5,796.9
May 1993	-	-	-	-	-	-	800.6	-	-	-	-	5,836.0
Mississippi												
May 1994	-	-	-	-	-	-	110.6	135.7	40.5	3,293.8	1,841.7	5,176.0
April 1994	-	-	-	-	-	-	109.4	138.8	45.5	3,260.5	694.7	4,000.6
May 1993	-	-	-	-	-	-	150.1	-	-	-	-	4,034.3
New Mexico												
May 1994	-	-	-	-	-	-	353.4	380.6	W	W	-	1,700.4
April 1994	-	-	-	-	-	-	324.1	330.9	251.5	1,484.9	-	1,736.3
May 1993	-	-	-	-	-	-	316.9	-	-	-	-	1,722.3
Texas												
May 1994	-	-	-	-	-	-	6,161.4	6,366.7	3,154.3	19,080.0	8,944.0	31,178.4
April 1994	-	-	-	-	-	-	5,858.3	6,081.4	3,234.9	19,377.3	9,841.8	32,454.0
May 1993	-	-	-	-	-	-	6,012.0	-	-	-	-	28,081.5
PAD District IV												
May 1994	-	-	-	-	-	-	2,247.3	2,286.6	W	6,273.3	W	7,452.2
April 1994	-	-	-	-	-	-	2,152.2	2,205.3	W	6,043.8	W	7,177.7
May 1993	-	-	-	-	-	-	2,138.0	-	-	-	-	7,825.5
Colorado												
May 1994	-	-	-	-	-	-	1,785.2	1,791.5	603.6	2,107.8	-	2,711.2
April 1994	-	-	-	-	-	-	1,682.5	1,688.9	573.1	1,937.2	-	2,510.3
May 1993	-	-	-	-	-	-	1,669.1	-	-	-	-	2,692.3

See footnotes at end of table.

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

Geographic Area Month	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												
May 1994	W	W	180.0	1,006.6	-	1,186.6	-	-	-	-	-	-
April 1994	W	11.1	165.2	973.8	-	1,138.7	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Montana												
May 1994	W	W	W	1,101.5	W	1,104.7	-	-	-	-	-	-
April 1994	W	14.5	W	1,029.4	W	1,030.1	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Utah												
May 1994	375.8	397.5	W	1,467.2	W	1,839.6	-	-	-	-	-	-
April 1994	388.0	422.9	W	W	W	W	-	-	-	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming												
May 1994	67.0	71.0	19.8	590.2	-	610.0	-	-	-	-	-	-
April 1994	63.5	68.0	16.1	533.5	-	549.6	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
PAD District V												
May 1994	W	W	27,171.0	13,735.9	W	W	W	W	W	49.4	-	W
April 1994	W	W	26,793.7	W	W	44,422.3	W	W	W	W	-	1,226.6
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Alaska												
May 1994	224.3	245.5	W	250.7	W	419.1	-	-	-	-	-	-
April 1994	207.9	226.0	W	204.4	W	329.2	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Arizona												
May 1994	W	W	W	W	233.2	W	W	W	W	W	-	W
April 1994	W	W	W	1,199.3	W	3,142.9	W	W	W	W	-	8.6
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
California												
May 1994	W	W	W	W	3,605.3	W	W	W	W	W	-	W
April 1994	W	W	W	W	3,447.5	W	W	W	W	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii												
May 1994	176.3	261.4	630.8	113.0	-	743.8	-	-	-	-	-	-
April 1994	175.5	260.4	621.3	117.3	-	738.6	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
May 1994	W	W	W	W	W	W	W	W	W	-	-	W
April 1994	W	W	W	W	W	W	W	W	W	-	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Oregon												
May 1994	317.2	331.3	876.8	973.8	59.8	1,910.5	-	-	-	-	-	-
April 1994	330.2	342.5	824.4	1,125.8	W	W	-	-	-	W	-	W
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
Washington												
May 1994	900.6	911.5	1,975.6	2,150.9	W	W	-	-	-	W	-	W
April 1994	941.2	W	1,748.4	W	W	W	-	W	W	W	-	W
May 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												
May 1994	-	-	-	-	-	-	W	W	180.0	1,006.6	-	1,186.6
April 1994	-	-	-	-	-	-	W	11.1	185.2	973.6	-	1,138.7
May 1993	-	-	-	-	-	-	W	-	-	-	-	1,375.5
Montana												
May 1994	-	-	-	-	-	-	W	W	W	1,101.5	W	1,104.7
April 1994	-	-	-	-	-	-	W	14.5	W	1,029.4	W	1,030.1
May 1993	-	-	-	-	-	-	W	-	-	-	-	1,225.9
Utah												
May 1994	-	-	-	-	-	-	375.8	397.5	W	1,467.2	W	1,839.6
April 1994	-	-	-	-	-	-	388.0	422.9	W	1,570.1	W	1,949.0
May 1993	-	-	-	-	-	-	381.2	-	-	-	-	1,871.1
Wyoming												
May 1994	-	-	-	-	-	-	67.0	71.0	19.8	590.2	-	610.0
April 1994	-	-	-	-	-	-	63.5	68.0	16.1	533.5	-	549.6
May 1993	-	-	-	-	-	-	65.2	-	-	-	-	660.7
PAD District V												
May 1994	-	-	-	-	-	-	8,813.1	9,110.8	W	13,785.2	W	46,139.5
April 1994	-	-	-	-	-	-	9,210.3	9,506.4	W	13,700.9	W	45,648.9
May 1993	-	-	-	-	-	-	9,889.4	-	-	-	-	46,699.0
Alaska												
May 1994	-	-	-	-	-	-	224.3	245.5	W	250.7	W	419.1
April 1994	-	-	-	-	-	-	207.9	226.0	W	204.4	W	329.2
May 1993	-	-	-	-	-	-	217.8	-	-	-	-	413.9
Arizona												
May 1994	-	-	-	-	-	-	998.8	1,020.2	1,746.4	1,109.5	233.2	3,089.0
April 1994	-	-	-	-	-	-	1,060.4	1,080.0	1,804.9	W	W	3,151.4
May 1993	-	-	-	-	-	-	1,101.0	-	-	-	-	3,011.6
California												
May 1994	-	-	-	-	-	-	6,068.7	6,199.6	21,713.4	8,497.1	3,605.3	33,815.8
April 1994	-	-	-	-	-	-	6,362.2	6,500.6	21,617.5	8,350.6	3,447.5	33,415.6
May 1993	-	-	-	-	-	-	6,449.1	-	-	-	-	31,893.7
Hawaii												
May 1994	-	-	-	-	-	-	176.3	261.4	630.8	113.0	-	743.8
April 1994	-	-	-	-	-	-	175.5	260.4	621.3	117.3	-	738.6
May 1993	-	-	-	-	-	-	183.3	-	-	-	-	696.0
Nevada												
May 1994	-	-	-	-	-	-	127.3	141.3	1,086.9	W	W	1,893.6
April 1994	-	-	-	-	-	-	133.0	145.4	1,045.2	W	W	1,816.2
May 1993	-	-	-	-	-	-	131.5	-	-	-	-	1,817.6
Oregon												
May 1994	-	-	-	-	-	-	317.2	331.3	876.8	973.8	59.8	1,910.5
April 1994	-	-	-	-	-	-	330.2	342.5	824.4	W	W	2,109.6
May 1993	-	-	-	-	-	-	440.3	-	-	-	-	3,268.8
Washington												
May 1994	-	-	-	-	-	-	900.6	911.5	1,975.6	W	W	4,267.5
April 1994	-	-	-	-	-	-	941.2	951.4	W	2,096.4	W	4,088.3
May 1993	-	-	-	-	-	-	1,366.3	-	-	-	-	5,597.4

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										
May 1994	245.4	763.8	45,243.1	9,060.5	451.0	880.3	196.5	588.5	1,943.6	19,227.0
April 1994	223.6	641.1	45,584.7	7,507.7	167.7	1,055.4	216.5	668.7	1,747.3	20,753.4
May 1993	222.5	722.1	41,525.2	7,159.6	78.1	856.3	233.4	646.7	1,951.2	19,046.9
PAD District I										
May 1994	95.4	137.8	13,030.5	1,134.4	211.4	435.8	6.1	7.0	38.1	2,475.3
April 1994	96.3	137.8	13,236.7	1,131.8	128.5	553.5	5.9	9.8	39.7	2,492.6
May 1993	96.6	101.7	11,840.5	1,288.1	50.6	216.1	27.2	53.5	382.1	2,162.2
Subdistrict IA										
May 1994	W	W	1,017.8	60.9	NA	69.3	4.8	W	W	49.5
April 1994	W	14.5	1,020.8	88.3	1.7	66.8	W	2.8	W	62.3
May 1993	W	W	1,039.5	74.1	0.6	20.0	9.1	11.4	W	123.4
Connecticut										
May 1994	W	W	231.9	W	W	W	-	W	W	15.8
April 1994	W	2.1	179.6	W	W	W	W	W	W	22.2
May 1993	W	W	229.5	9.5	W	W	-	W	W	20.5
Maine										
May 1994	W	-	W	W	W	29.5	W	W	-	4.4
April 1994	W	W	W	W	-	24.5	-	1.6	-	W
May 1993	W	-	W	W	W	7.3	W	2.2	W	3.6
Massachusetts										
May 1994	W	1.4	646.7	44.4	W	26.6	W	W	-	12.3
April 1994	W	2.5	697.1	64.5	W	15.3	-	-	-	9.8
May 1993	W	W	643.3	W	W	W	W	W	W	47.6
New Hampshire										
May 1994	W	W	24.7	W	W	W	W	-	W	W
April 1994	W	W	22.5	W	W	W	W	-	W	W
May 1993	W	W	24.5	W	-	W	W	W	W	34.5
Rhode Island										
May 1994	W	W	43.9	W	-	3.6	-	W	-	W
April 1994	W	W	47.1	W	-	W	-	W	-	W
May 1993	W	W	44.7	W	-	W	W	W	-	4.5
Vermont										
May 1994	W	W	W	0.6	-	W	-	W	-	8.5
April 1994	W	W	W	1.6	-	W	-	W	-	14.9
May 1993	W	W	W	W	-	W	-	W	W	12.8
Subdistrict IB										
May 1994	W	W	5,997.0	742.7	199.2	242.9	W	W	W	1,128.1
April 1994	W	37.9	5,841.3	688.6	113.9	307.6	W	5.9	W	1,060.0
May 1993	W	W	5,721.6	887.6	46.9	111.4	1.9	26.3	W	946.9
Delaware										
May 1994	W	W	2.2	-	-	-	-	-	-	W
April 1994	W	W	2.5	W	-	-	-	-	-	W
May 1993	W	-	3.4	W	-	W	-	W	-	W
District of Columbia										
May 1994	W	-	-	-	-	-	-	-	-	-
April 1994	-	-	-	-	-	-	-	-	-	-
May 1993	W	-	-	-	-	-	-	-	-	-
Maryland										
May 1994	W	W	252.3	9.4	W	36.1	-	-	-	W
April 1994	W	W	345.7	W	W	28.5	-	W	-	W
May 1993	W	W	214.7	W	W	W	-	W	W	W
New Jersey										
May 1994	W	16.5	4,331.1	420.6	W	62.5	-	-	W	211.3
April 1994	5.8	W	4,237.8	418.0	W	63.7	W	-	W	115.3
May 1993	8.6	W	4,301.4	479.6	W	47.7	W	W	W	199.1
New York										
May 1994	W	8.6	367.6	135.8	60.8	58.7	W	W	-	202.1
April 1994	W	8.4	357.1	74.7	38.9	89.3	W	W	-	240.7
May 1993	W	5.8	284.7	218.4	W	23.2	W	W	W	119.8
Pennsylvania										
May 1994	W	11.6	1,043.8	176.9	6.5	85.6	W	0.9	W	619.5
April 1994	W	15.2	898.3	179.8	7.5	126.2	W	3.9	-	586.6
May 1993	W	3.7	917.4	177.4	1.1	34.5	W	14.5	W	583.7

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										
May 1994	61.9	81.8	6,015.7	330.8	9.3	123.6	W	3.3	35.2	1,297.7
April 1994	66.6	85.4	6,374.6	354.9	12.9	179.1	W	1.1	37.0	1,370.3
May 1993	57.3	74.3	5,079.3	326.4	3.1	84.8	16.2	15.8	253.0	1,091.9
Florida										
May 1994	35.4	37.4	2,840.5	172.1	W	14.1	—	—	W	407.1
April 1994	45.3	41.0	3,150.1	188.5	W	13.3	—	—	W	448.6
May 1993	35.3	33.5	2,245.4	185.3	0.4	10.7	W	W	W	375.9
Georgia										
May 1994	7.0	12.5	1,565.9	68.0	0.4	9.0	—	—	W	238.0
April 1994	6.7	14.7	1,582.8	75.3	1.3	12.8	—	—	—	252.4
May 1993	5.2	W	1,466.4	65.3	1.2	10.1	W	W	W	220.9
North Carolina										
May 1994	4.1	W	304.8	39.8	W	46.3	—	W	19.1	305.1
April 1994	W	W	341.8	37.3	W	61.9	—	—	15.6	295.0
May 1993	4.1	W	278.2	30.3	W	35.7	W	W	58.0	231.8
South Carolina										
May 1994	W	W	W	W	0.5	13.9	—	—	W	170.5
April 1994	4.1	W	W	W	1.1	23.1	—	—	W	174.1
May 1993	W	7.5	W	W	W	9.3	—	—	W	148.6
Virginia										
May 1994	6.9	7.8	1,196.4	33.3	W	33.9	W	W	W	W
April 1994	W	7.5	1,190.8	36.2	W	59.0	W	W	W	W
May 1993	W	W	1,015.7	29.3	0.5	17.3	W	2.4	20.3	W
West Virginia										
May 1994	W	1.4	W	W	W	6.5	—	—	—	W
April 1994	W	W	W	W	2.9	9.0	W	W	—	W
May 1993	W	W	W	W	0.6	1.6	W	W	W	W
PAD District II										
May 1994	65.6	183.7	8,343.2	945.5	32.9	114.2	154.2	351.4	549.7	5,589.8
April 1994	55.4	153.2	8,831.1	983.4	34.6	178.9	163.5	465.8	702.8	6,657.1
May 1993	51.9	182.1	8,293.6	1,167.4	W	49.7	130.1	350.6	518.0	5,714.3
Illinois										
May 1994	W	W	1,360.2	92.7	4.4	4.9	W	19.8	39.3	834.6
April 1994	NA	W	1,316.8	76.3	3.1	7.1	W	17.2	71.2	736.7
May 1993	W	W	1,255.0	79.2	2.3	1.9	W	12.4	81.1	744.3
Indiana										
May 1994	2.5	19.2	1,558.4	104.1	W	7.0	W	12.3	W	139.1
April 1994	2.6	17.4	1,620.1	95.7	W	17.1	W	16.7	W	248.9
May 1993	1.8	26.3	1,583.0	363.5	W	4.3	0.2	11.0	36.3	178.6
Iowa										
May 1994	W	12.0	48.6	16.9	—	0.9	W	9.9	W	139.3
April 1994	W	8.7	49.3	18.1	—	W	W	11.4	W	299.0
May 1993	W	10.8	35.9	16.1	—	W	W	10.6	W	111.1
Kansas										
May 1994	W	17.9	98.5	W	—	W	W	10.7	W	1,976.7
April 1994	W	16.9	89.2	54.7	—	W	—	63.9	W	2,415.6
May 1993	W	18.5	362.2	17.5	—	W	W	13.4	W	2,475.9
Kentucky										
May 1994	2.1	4.7	547.8	45.8	1.3	10.4	W	1.1	—	289.6
April 1994	2.2	W	551.6	96.7	3.1	21.9	W	2.6	W	242.5
May 1993	1.9	W	387.5	118.8	0.4	7.3	W	2.5	W	138.3
Michigan										
May 1994	W	W	1,047.9	73.6	0.9	22.6	W	W	W	360.8
April 1994	W	W	1,070.1	68.0	2.1	38.9	W	158.9	W	326.6
May 1993	W	W	922.3	48.0	0.9	7.9	W	152.5	170.1	195.9
Minnesota										
May 1994	W	21.6	892.4	68.3	W	1.8	W	12.5	W	378.3
April 1994	W	14.1	873.4	102.6	W	2.5	W	25.3	W	301.4
May 1993	W	19.1	884.1	48.4	W	W	W	11.1	W	295.6
Missouri										
May 1994	W	15.3	402.5	51.3	—	2.2	W	0.4	—	221.8
April 1994	W	13.6	384.2	58.1	—	2.7	W	W	—	432.1
May 1993	W	10.5	295.8	83.3	—	0.9	W	7.9	W	234.9

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										
May 1994	W	5.0	61.1	22.2	-	W	-	3.9	W	86.2
April 1994	W	W	57.9	20.4	-	W	W	4.3	W	117.9
May 1993	W	7.5	52.7	14.1	-	-	-	13.8	-	63.1
North Dakota										
May 1994	2.0	W	11.9	4.5	W	-	-	3.3	W	84.9
April 1994	2.7	W	14.6	W	-	W	W	5.3	W	101.7
May 1993	W	W	16.1	W	-	-	-	3.2	W	86.3
Ohio										
May 1994	W	15.1	917.5	128.5	21.5	36.8	0.6	W	W	292.7
April 1994	W	12.9	956.8	98.2	19.3	58.1	W	13.6	W	443.6
May 1993	W	14.0	952.1	86.6	20.2	21.5	0.5	7.9	38.7	466.7
Oklahoma										
May 1994	W	12.1	638.0	193.7	W	-	W	54.3	3.4	399.5
April 1994	W	9.8	1,017.2	165.9	W	W	W	86.5	6.0	450.6
May 1993	W	W	770.8	217.2	-	0.7	-	68.1	6.7	361.0
South Dakota										
May 1994	W	W	13.7	W	-	W	-	4.7	W	30.5
April 1994	W	W	14.8	W	-	W	-	7.4	W	59.3
May 1993	W	W	13.2	W	-	-	-	11.9	W	28.4
Tennessee										
May 1994	7.1	10.6	656.2	25.8	W	10.5	-	W	-	86.6
April 1994	6.9	13.8	712.1	60.7	4.0	28.2	-	W	-	104.2
May 1993	W	12.7	617.9	34.3	0.4	3.6	W	2.3	W	74.6
Wisconsin										
May 1994	-	13.8	88.5	87.6	W	W	W	29.2	W	269.0
April 1994	W	11.8	102.8	58.8	W	0.9	W	49.5	W	377.0
May 1993	-	13.9	125.0	28.4	W	0.1	W	22.0	61.5	257.6
PAD District III										
May 1994	29.8	150.7	9,571.7	4,630.3	W	311.3	W	132.2	1,151.4	8,897.7
April 1994	21.8	144.6	9,261.9	3,182.5	W	296.1	W	68.1	788.7	9,332.1
May 1993	18.3	154.8	8,853.0	2,595.6	W	W	W	38.6	715.1	9,212.1
Alabama										
May 1994	4.9	10.6	97.3	29.0	W	5.0	-	W	W	142.0
April 1994	W	11.1	95.4	28.0	W	8.4	-	-	W	207.7
May 1993	3.5	9.0	108.3	20.4	W	5.9	W	W	19.6	178.7
Arkansas										
May 1994	W	W	22.3	39.9	-	22.0	-	-	W	36.0
April 1994	W	W	18.5	30.1	-	W	-	W	W	72.6
May 1993	W	W	13.5	27.0	-	6.7	-	-	W	61.5
Louisiana										
May 1994	W	8.1	2,748.3	1,331.7	W	W	-	W	W	538.7
April 1994	W	4.4	2,951.2	975.0	W	236.7	W	W	191.2	532.3
May 1993	W	7.1	2,249.2	481.9	W	W	-	W	W	554.9
Mississippi										
May 1994	W	6.3	708.1	W	W	W	-	-	W	611.4
April 1994	W	5.9	516.9	W	W	0.9	-	-	W	460.2
May 1993	3.7	W	324.3	145.7	-	W	W	-	W	424.1
New Mexico										
May 1994	W	W	224.5	W	W	W	W	W	W	378.7
April 1994	W	W	304.1	W	-	W	W	3.6	W	328.2
May 1993	W	W	114.9	23.4	-	1.5	-	W	W	466.6
Texas										
May 1994	W	94.1	5,771.3	2,990.8	W	17.4	-	128.7	582.9	7,190.9
April 1994	7.2	102.9	5,375.7	2,050.2	W	15.6	W	64.1	527.9	7,731.1
May 1993	5.6	110.3	6,042.8	1,897.2	W	10.8	W	20.3	199.4	7,506.2
PAD District IV										
May 1994	12.9	42.4	1,178.5	97.9	-	5.0	W	31.4	W	844.0
April 1994	8.5	30.5	1,303.1	107.7	W	5.6	W	51.5	W	870.2
May 1993	10.8	35.6	1,275.5	114.8	-	W	W	39.5	62.4	607.2
Colorado										
May 1994	W	18.9	672.4	51.9	-	W	W	10.4	W	244.5
April 1994	W	13.0	765.0	60.0	-	W	W	21.4	W	270.0
May 1993	W	12.8	667.5	76.1	-	W	W	13.6	1.5	190.7

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										
May 1994	W	W	41.7	7.3	—	W	—	W	W	W
April 1994	—	W	41.4	6.6	—	W	—	3.1	W	W
May 1993	—	3.7	33.7	11.7	—	—	W	10.9	W	2.0
Montana										
May 1994	W	W	W	W	—	W	W	7.0	W	166.9
April 1994	W	W	40.7	W	—	W	—	12.2	W	181.4
May 1993	W	W	61.8	W	—	—	—	7.7	W	153.3
Utah										
May 1994	W	14.1	422.0	32.0	—	W	—	W	W	W
April 1994	W	11.5	452.1	33.3	—	W	W	4.6	W	W
May 1993	0.4	15.2	508.2	18.3	—	W	W	2.9	W	73.3
Wyoming										
May 1994	W	W	W	W	—	—	1.2	4.5	6.1	325.6
April 1994	W	W	3.9	W	W	—	1.9	10.1	W	286.0
May 1993	W	W	4.5	W	—	—	W	4.3	9.4	187.9
PAD District V										
May 1994	41.7	249.2	13,119.2	2,252.2	W	13.9	10.0	66.4	W	1,420.2
April 1994	41.6	174.9	12,951.9	2,102.3	—	21.3	20.9	73.5	W	1,401.4
May 1993	45.0	247.9	11,262.6	1,993.7	—	8.0	37.4	164.6	273.6	1,351.1
Alaska										
May 1994	W	37.2	1,388.9	170.7	—	—	9.5	57.4	W	W
April 1994	W	23.5	1,392.2	29.2	—	—	20.1	54.7	W	W
May 1993	W	43.8	1,080.2	67.3	—	—	15.0	111.9	W	W
Arizona										
May 1994	W	14.3	644.0	79.5	W	W	—	—	—	8.1
April 1994	W	13.9	596.5	84.6	—	W	—	W	—	28.6
May 1993	W	12.7	750.5	98.5	—	—	—	W	W	8.0
California										
May 1994	16.9	94.3	8,015.5	1,435.9	—	6.2	—	W	7.6	1,061.5
April 1994	20.6	87.8	7,938.2	1,286.0	—	12.5	W	W	W	987.1
May 1993	26.5	99.9	6,563.0	1,412.2	—	3.8	W	11.5	W	929.2
Hawaii										
May 1994	W	W	788.6	W	—	—	—	—	W	W
April 1994	W	W	850.9	W	—	—	—	—	W	W
May 1993	W	W	760.1	7.1	—	—	W	W	W	W
Nevada										
May 1994	W	W	639.9	84.7	—	—	—	W	—	43.0
April 1994	W	W	543.6	85.2	—	—	—	W	—	41.0
May 1993	W	W	448.5	98.7	—	—	—	1.3	W	15.5
Oregon										
May 1994	W	18.1	377.0	W	—	W	W	1.8	W	—
April 1994	W	16.2	347.0	W	—	NA	W	2.3	W	W
May 1993	W	17.5	366.2	32.5	—	W	W	6.7	W	9.4
Washington										
May 1994	W	W	1,265.4	350.9	—	5.8	W	3.5	—	216.7
April 1994	W	W	1,283.5	439.1	—	3.4	W	12.9	—	262.0
May 1993	W	66.5	1,294.1	277.5	—	W	—	32.7	W	308.3

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										
May 1994	13,375.6	59,334.8	9,080.5	14,918.4	22,456.1	74,253.1	2,331.0	27,259.0	24,787.1	101,512.1
April 1994	12,326.5	57,293.5	9,809.1	16,434.6	22,135.6	73,728.1	2,272.6	29,812.7	24,408.2	103,540.8
May 1993	-	-	-	-	-	-	-	-	22,296.1	90,753.5
PAD District I										
May 1994	4,516.7	14,570.5	1,650.0	1,471.4	6,166.7	16,041.8	1,238.8	11,676.6	7,405.5	27,718.4
April 1994	4,108.6	14,241.4	1,448.8	1,636.8	5,557.4	15,878.2	1,389.9	12,774.1	6,947.3	28,652.2
May 1993	-	-	-	-	-	-	-	-	6,626.4	23,935.7
Subdistrict 1A										
May 1994	243.4	W	62.5	W	305.9	1,410.6	143.3	1,636.8	449.2	3,047.4
April 1994	233.6	W	22.9	W	256.5	989.5	190.1	2,368.0	446.6	3,357.4
May 1993	-	-	-	-	-	-	-	-	333.2	2,323.7
Connecticut										
May 1994	W	W	W	W	91.4	336.9	8.2	417.3	99.6	754.2
April 1994	W	345.7	W	-	82.3	345.7	10.7	654.6	92.9	1,000.3
May 1993	-	-	-	-	-	-	-	-	87.9	809.0
Maine										
May 1994	W	W	W	W	W	172.8	2.2	323.2	17.8	496.0
April 1994	W	W	W	W	14.1	122.5	3.7	336.5	17.8	459.1
May 1993	-	-	-	-	-	-	-	-	28.0	261.0
Massachusetts										
May 1994	98.4	W	57.2	W	155.6	674.0	115.5	539.3	271.2	1,213.3
April 1994	98.6	W	18.3	W	116.9	330.5	140.9	702.4	257.8	1,032.9
May 1993	-	-	-	-	-	-	-	-	171.4	744.1
New Hampshire										
May 1994	W	46.9	W	-	11.5	46.9	W	W	22.7	85.7
April 1994	W	31.8	W	-	12.2	31.8	W	W	26.8	169.2
May 1993	-	-	-	-	-	-	-	-	8.7	W
Rhode Island										
May 1994	W	W	W	W	24.1	137.7	4.8	292.1	28.9	429.8
April 1994	W	120.1	W	-	24.6	120.1	18.2	493.9	42.8	614.0
May 1993	-	-	-	-	-	-	-	-	24.8	396.4
Vermont										
May 1994	5.8	W	W	W	W	42.3	W	W	8.9	68.5
April 1994	W	38.8	W	-	6.4	38.8	W	W	8.4	81.9
May 1993	-	-	-	-	-	-	-	-	12.4	W
Subdistrict 1B										
May 1994	1,622.5	W	396.6	W	2,019.1	6,460.0	611.7	7,059.6	2,630.8	13,519.6
April 1994	1,420.0	W	343.9	W	1,763.9	6,276.3	796.8	7,527.6	2,560.7	13,803.9
May 1993	-	-	-	-	-	-	-	-	2,372.9	11,712.9
Delaware										
May 1994	23.9	W	W	W	W	181.2	W	W	W	267.7
April 1994	24.1	W	W	W	W	179.0	W	W	W	301.7
May 1993	-	-	-	-	-	-	-	-	W	408.5
District of Columbia										
May 1994	W	7.3	-	-	W	7.3	W	W	W	9.6
April 1994	W	8.1	-	-	W	8.1	W	W	W	15.7
May 1993	-	-	-	-	-	-	-	-	W	13.1
Maryland										
May 1994	W	513.1	W	36.5	263.6	549.6	34.9	205.9	298.5	755.5
April 1994	W	467.6	W	48.9	307.3	516.5	81.2	399.7	388.5	916.2
May 1993	-	-	-	-	-	-	-	-	304.6	622.8
New Jersey										
May 1994	408.2	1,913.1	46.1	70.2	454.3	1,983.3	104.8	3,444.0	559.1	5,427.3
April 1994	356.1	1,783.8	35.0	127.2	391.1	1,911.0	170.4	3,358.7	561.5	5,269.8
May 1993	-	-	-	-	-	-	-	-	469.2	4,346.4
New York										
May 1994	352.5	W	19.4	W	371.9	1,019.7	156.7	1,994.3	528.6	3,014.0
April 1994	317.8	W	13.7	W	331.5	1,119.6	290.2	1,654.2	621.7	2,773.8
May 1993	-	-	-	-	-	-	-	-	583.1	2,285.8
Pennsylvania										
May 1994	660.1	W	241.5	W	901.5	2,718.9	263.5	1,326.5	1,165.0	4,045.4
April 1994	553.9	W	153.3	W	707.3	2,542.2	194.6	1,984.5	901.9	4,526.7
May 1993	-	-	-	-	-	-	-	-	933.5	4,036.2

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										
May 1994	2,650.8	6,979.8	1,191.0	1,191.4	3,841.7	8,171.2	483.8	2,980.2	4,325.6	11,151.4
April 1994	2,455.0	7,329.7	1,082.1	1,282.7	3,537.0	8,612.4	403.0	2,878.5	3,940.1	11,490.9
May 1993	-	-	-	-	-	-	-	-	3,920.3	9,899.1
Florida										
May 1994	877.0	1,725.2	479.4	407.2	1,356.3	2,132.4	W	596.0	1,575.9	2,728.4
April 1994	821.9	1,849.2	366.9	419.8	1,188.8	2,269.0	84.4	671.6	1,273.2	2,940.5
May 1993	-	-	-	-	-	-	-	-	1,209.6	2,601.1
Georgia										
May 1994	678.0	1,482.9	179.9	253.5	857.9	1,736.4	35.0	433.6	892.9	2,170.0
April 1994	669.6	1,668.9	137.1	368.5	806.7	2,037.4	35.4	439.6	842.1	2,477.0
May 1993	-	-	-	-	-	-	-	-	845.9	1,915.7
North Carolina										
May 1994	422.7	1,393.6	157.3	230.6	580.1	1,624.2	70.2	558.4	650.3	2,182.6
April 1994	352.6	1,440.9	164.4	183.4	517.0	1,624.3	124.7	642.5	641.7	2,266.7
May 1993	-	-	-	-	-	-	-	-	609.9	2,057.5
South Carolina										
May 1994	285.0	W	31.4	W	316.3	742.0	37.5	244.3	353.8	986.3
April 1994	274.8	W	21.5	W	296.2	734.9	W	234.1	336.6	969.0
May 1993	-	-	-	-	-	-	-	-	361.0	869.8
Virginia										
May 1994	266.4	1,432.8	174.3	169.8	440.6	1,602.6	47.3	1,003.3	487.9	2,605.9
April 1994	215.0	1,442.0	238.3	191.8	453.4	1,633.8	73.5	780.0	526.8	2,413.8
May 1993	-	-	-	-	-	-	-	-	507.4	2,073.8
West Virginia										
May 1994	121.7	W	168.8	W	290.5	333.6	W	144.6	364.9	478.2
April 1994	121.1	W	153.9	W	274.9	313.0	W	110.8	319.7	423.8
May 1993	-	-	-	-	-	-	-	-	386.4	381.3
PAD District II										
May 1994	4,793.1	19,060.9	3,190.4	3,188.4	7,983.5	22,249.3	874.8	7,255.1	8,858.3	29,504.4
April 1994	4,517.9	18,305.9	3,345.0	2,930.9	7,862.9	21,236.7	723.5	8,539.2	8,586.4	29,775.9
May 1993	-	-	-	-	-	-	-	-	7,947.5	27,703.6
Illinois										
May 1994	456.5	1,543.8	213.3	162.3	669.9	1,706.1	W	1,506.4	742.8	3,212.5
April 1994	389.1	1,623.4	272.6	135.1	661.8	1,758.5	W	1,698.5	729.4	3,457.0
May 1993	-	-	-	-	-	-	-	-	719.8	3,260.8
Indiana										
May 1994	640.7	1,667.2	435.7	324.2	1,076.4	1,991.4	176.4	742.4	1,252.8	2,733.8
April 1994	622.6	1,565.6	484.2	316.7	1,106.8	1,882.3	73.9	791.6	1,180.6	2,673.8
May 1993	-	-	-	-	-	-	-	-	1,094.4	2,511.1
Iowa										
May 1994	W	1,315.1	W	103.4	268.6	1,418.5	W	247.2	271.0	1,665.7
April 1994	W	1,552.1	W	131.3	285.0	1,683.4	W	329.5	290.2	2,012.9
May 1993	-	-	-	-	-	-	-	-	280.8	1,738.6
Kansas										
May 1994	173.6	1,433.5	220.7	392.0	394.3	1,825.5	8.0	327.8	402.3	2,153.4
April 1994	183.1	1,384.5	258.0	382.3	441.1	1,766.8	3.5	347.0	444.6	2,113.8
May 1993	-	-	-	-	-	-	-	-	388.5	1,929.1
Kentucky										
May 1994	251.8	763.3	501.3	216.8	753.2	980.1	82.9	570.1	836.1	1,550.2
April 1994	238.0	676.4	411.0	224.6	649.0	901.1	81.9	511.6	730.9	1,412.7
May 1993	-	-	-	-	-	-	-	-	710.4	1,346.9
Michigan										
May 1994	422.3	1,319.0	77.2	124.2	499.5	1,443.2	76.0	675.0	575.6	2,118.2
April 1994	371.7	1,207.1	78.1	152.2	449.8	1,359.3	85.4	927.4	535.2	2,086.7
May 1993	-	-	-	-	-	-	-	-	559.2	2,059.6
Minnesota										
May 1994	206.1	1,167.5	264.0	273.9	470.1	1,441.4	33.8	265.9	503.9	1,707.3
April 1994	180.1	1,013.0	303.7	267.8	483.8	1,280.6	W	307.7	518.8	1,586.3
May 1993	-	-	-	-	-	-	-	-	327.3	1,770.1
Missouri										
May 1994	W	1,486.3	W	139.1	308.8	1,625.5	W	222.8	343.7	1,848.3
April 1994	W	1,419.6	W	109.5	271.7	1,529.1	W	227.0	277.9	1,756.1
May 1993	-	-	-	-	-	-	-	-	279.4	1,564.4

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										
May 1994	W	894.1	W	225.4	48.1	1,119.4	W	136.9	52.1	1,256.3
April 1994	W	816.7	W	148.7	29.2	965.4	W	155.8	29.5	1,121.1
May 1993	—	—	—	—	—	—	—	—	W	1,178.5
North Dakota										
May 1994	19.1	572.4	W	149.6	W	722.0	W	70.8	W	792.8
April 1994	16.5	391.1	W	88.4	W	479.5	W	62.8	W	542.3
May 1993	—	—	—	—	—	—	—	—	145.0	743.4
Ohio										
May 1994	1,190.5	1,329.5	368.2	223.5	1,558.7	1,552.9	258.8	941.7	1,817.5	2,494.7
April 1994	1,234.0	1,262.2	413.7	304.6	1,647.8	1,566.7	271.9	1,137.7	1,919.7	2,704.5
May 1993	—	—	—	—	—	—	—	—	1,794.0	2,423.2
Oklahoma										
May 1994	W	1,857.9	W	263.5	569.9	2,121.4	19.4	349.4	589.2	2,470.8
April 1994	W	1,717.9	W	178.7	566.6	1,896.6	W	746.3	606.4	2,643.0
May 1993	—	—	—	—	—	—	—	—	351.8	2,315.9
South Dakota										
May 1994	W	673.9	W	46.8	W	720.7	—	78.9	W	799.6
April 1994	7.0	558.5	W	33.6	W	592.1	—	75.3	W	667.5
May 1993	—	—	—	—	—	—	—	—	W	703.5
Tennessee										
May 1994	585.6	1,620.2	326.0	255.8	911.6	1,876.0	72.5	605.0	984.1	2,481.0
April 1994	524.1	1,804.4	365.6	209.6	889.7	2,014.0	30.9	648.9	920.6	2,662.9
May 1993	—	—	—	—	—	—	—	—	814.0	2,253.6
Wisconsin										
May 1994	W	1,417.2	W	287.9	252.9	1,705.1	25.0	514.7	277.9	2,219.9
April 1994	W	1,313.3	W	248.1	241.4	1,561.4	15.8	572.0	257.2	2,133.3
May 1993	—	—	—	—	—	—	—	—	280.0	1,904.9
PAD District III										
May 1994	1,812.9	13,498.3	2,295.3	5,892.0	4,108.2	19,390.3	139.8	7,904.6	4,248.0	27,294.9
April 1994	1,617.4	12,834.8	2,971.8	7,123.3	4,589.2	19,958.1	52.1	8,062.6	4,641.3	28,020.7
May 1993	—	—	—	—	—	—	—	—	3,863.5	21,583.2
Alabama										
May 1994	234.3	886.5	159.5	212.7	393.8	1,099.3	18.9	W	412.7	1,429.0
April 1994	219.7	883.1	186.3	184.2	406.1	1,067.3	37.3	W	443.3	1,424.2
May 1993	—	—	—	—	—	—	—	—	440.7	1,293.8
Arkansas										
May 1994	206.9	1,064.6	71.6	521.2	278.5	1,585.8	W	109.1	279.2	1,694.9
April 1994	200.1	927.9	39.0	423.7	239.1	1,351.6	W	182.1	239.6	1,533.7
May 1993	—	—	—	—	—	—	—	—	292.2	1,457.2
Louisiana										
May 1994	324.5	1,412.9	331.4	2,305.6	655.8	3,718.5	W	1,513.4	662.3	5,231.8
April 1994	200.8	1,775.1	943.7	2,583.7	1,144.6	4,358.8	W	1,941.3	1,150.1	6,300.1
May 1993	—	—	—	—	—	—	—	—	468.0	4,795.7
Mississippi										
May 1994	W	982.8	W	1,121.5	244.4	2,104.2	W	596.4	245.6	2,700.6
April 1994	133.5	905.4	70.8	1,917.0	204.3	2,822.5	W	216.6	205.8	3,039.1
May 1993	—	—	—	—	—	—	—	—	254.6	2,216.0
New Mexico										
May 1994	W	617.5	W	16.0	154.6	633.5	—	W	154.6	634.2
April 1994	151.3	604.4	—	15.7	151.3	620.1	—	W	151.3	621.1
May 1993	—	—	—	—	—	—	—	—	283.6	658.9
Texas										
May 1994	735.7	8,534.0	1,645.3	1,715.1	2,381.0	10,249.1	W	5,355.4	2,493.7	15,604.4
April 1994	712.0	7,738.8	1,732.0	1,999.0	2,444.0	9,737.8	W	5,364.7	2,451.2	15,102.5
May 1993	—	—	—	—	—	—	—	—	2,124.4	11,161.6
PAD District IV										
May 1994	544.4	2,833.9	582.5	410.7	1,127.0	3,244.6	W	94.9	1,131.4	3,339.5
April 1994	485.4	2,850.7	545.1	529.2	1,030.5	3,379.9	W	W	1,035.9	3,496.7
May 1993	—	—	—	—	—	—	—	—	971.8	3,590.6
Colorado										
May 1994	107.0	872.8	216.3	86.7	323.4	959.5	—	60.8	323.4	1,020.4
April 1994	89.8	795.1	219.7	93.9	309.5	889.0	—	80.5	309.5	969.5
May 1993	—	—	—	—	—	—	—	—	287.7	1,131.7

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										
May 1994	W	290.7	W	163.3	W	454.0	-	W	W	457.1
April 1994	W	314.3	W	200.7	W	515.0	-	W	W	519.2
May 1993	-	-	-	-	-	-	-	-	W	530.7
Montana										
May 1994	W	W	-	W	W	622.7	-	W	W	624.6
April 1994	163.9	W	W	W	W	622.5	-	W	W	623.0
May 1993	-	-	-	-	-	-	-	-	W	572.0
Utah										
May 1994	123.4	492.2	88.2	147.4	211.6	639.6	W	W	216.0	664.5
April 1994	92.4	532.7	80.4	215.2	172.8	747.8	W	W	178.2	775.4
May 1993	-	-	-	-	-	-	-	-	233.7	793.8
Wyoming										
May 1994	W	W	W	W	373.1	568.7	-	W	373.1	572.9
April 1994	W	W	W	W	295.5	605.6	-	W	295.5	609.6
May 1993	-	-	-	-	-	-	-	-	283.2	562.5
PAD District V										
May 1994	1,708.5	9,371.3	1,362.2	3,955.9	3,070.7	13,327.1	W	327.7	3,143.9	13,654.9
April 1994	1,597.2	9,060.8	1,498.4	4,214.4	3,095.6	13,275.2	W	NA	3,197.2	13,595.2
May 1993	-	-	-	-	-	-	-	-	2,886.8	13,940.3
Alaska										
May 1994	W	W	8.6	W	W	374.2	45.3	W	W	692.1
April 1994	W	W	W	W	102.9	436.4	56.9	NA	159.8	731.5
May 1993	-	-	-	-	-	-	-	-	121.1	514.6
Arizona										
May 1994	189.4	843.5	80.7	199.5	270.1	1,043.0	-	-	270.1	1,043.0
April 1994	W	1,004.3	W	164.9	281.2	1,169.2	-	-	281.2	1,169.2
May 1993	-	-	-	-	-	-	-	-	316.3	851.7
California										
May 1994	1,178.5	5,724.8	65.4	1,523.9	1,244.0	7,248.7	-	-	1,244.0	7,248.7
April 1994	1,066.0	5,347.1	79.5	1,701.8	1,145.5	7,048.9	-	-	1,145.5	7,048.9
May 1993	-	-	-	-	-	-	-	-	1,262.8	7,811.6
Hawaii										
May 1994	W	W	W	W	W	173.0	W	-	W	173.0
April 1994	W	W	W	W	W	168.5	W	-	W	168.5
May 1993	-	-	-	-	-	-	-	-	369.8	161.9
Nevada										
May 1994	W	562.7	W	42.5	134.3	605.2	-	-	134.3	605.2
April 1994	59.1	500.1	W	33.5	W	533.5	-	-	W	533.5
May 1993	-	-	-	-	-	-	-	-	91.4	574.3
Oregon										
May 1994	89.4	902.0	281.5	315.0	370.9	1,217.0	W	W	375.0	1,217.5
April 1994	97.0	927.0	308.4	500.6	405.4	1,427.5	W	W	413.6	1,429.2
May 1993	-	-	-	-	-	-	-	-	387.5	1,565.1
Washington										
May 1994	94.2	1,235.0	559.0	1,431.0	653.1	2,666.0	W	9.4	672.1	2,675.4
April 1994	W	1,187.5	W	1,303.6	764.5	2,491.1	32.1	23.3	796.6	2,514.3
May 1993	-	-	-	-	-	-	-	-	337.9	2,461.0

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

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

Geographic Area Month	Residual Fuel Oil						No. 4 Fuel ^a	
	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Total		Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale		
United States								
May 1994	3,880.4	6,463.7	6,728.6	6,103.1	10,608.9	12,566.8	467.8	121.8
April 1994	3,600.5	6,140.9	8,886.2	6,072.2	12,486.7	12,213.1	576.3	315.5
May 1993	5,312.9	6,416.6	9,857.5	7,343.6	15,170.4	13,760.3	359.9	224.5
PAD District I								
May 1994	2,608.7	3,511.9	3,950.8	888.5	6,559.5	4,400.3	229.7	103.0
April 1994	2,603.7	2,746.5	3,914.4	1,447.1	6,518.1	4,193.5	349.0	291.8
May 1993	4,408.8	2,831.4	3,667.9	398.0	8,076.7	3,229.4	151.6	101.7
Subdistrict 1A								
May 1994	W	W	W	W	W	W	W	W
April 1994	W	W	W	W	W	1,275.0	W	W
May 1993	W	W	W	W	537.4	W	W	W
Subdistrict 1B								
May 1994	W	1,976.4	W	604.0	W	2,580.4	196.9	81.8
April 1994	W	1,470.5	W	520.2	W	1,990.8	299.7	247.0
May 1993	W	865.2	W	240.5	3,345.0	1,105.6	119.0	87.6
Subdistrict 1C								
May 1994	1,241.9	W	2,560.7	W	3,802.6	W	W	W
April 1994	781.2	W	2,672.6	W	3,453.8	927.7	W	W
May 1993	1,551.5	W	2,642.9	W	4,194.4	W	W	W
PAD District II								
May 1994	13.7	38.5	W	336.7	W	375.2	W	-
April 1994	W	W	W	W	W	331.7	W	-
May 1993	W	W	W	W	122.5	337.9	W	W
PAD District III								
May 1994	W	2,634.2	W	2,807.4	1,176.3	5,441.5	W	W
April 1994	W	2,620.9	W	2,917.4	2,759.4	5,538.3	W	W
May 1993	-	2,975.5	3,105.5	4,965.7	3,105.5	7,941.2	W	-
PAD District IV								
May 1994	W	W	W	W	W	96.9	-	-
April 1994	W	W	W	W	W	392.3	-	-
May 1993	NA	W	W	W	10.5	104.2	-	-
PAD District V								
May 1994	1,256.2	W	1,512.7	W	2,768.9	2,252.9	W	W
April 1994	974.5	379.1	2,127.9	1,378.2	3,102.4	1,757.3	W	W
May 1993	W	498.5	W	1,649.1	3,855.2	2,147.5	W	NA

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

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

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

Geographic Area Month	Regular				Midgrade			
	Conventional ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
United States								
May 1994	221,711.5	1,821.5	-	223,333.1	39,770.5	184.9	-	39,955.5
April 1994	214,448.1	10,047.1	-	224,495.1	37,186.8	2,137.8	-	39,324.5
May 1993	-	-	-	218,404.2	-	-	-	38,797.8
PAD District I								
May 1994	68,920.8	223.5	-	69,144.2	17,481.2	70.3	-	17,551.5
April 1994	61,519.7	8,393.1	-	69,912.8	15,356.2	2,022.9	-	17,379.1
May 1993	-	-	-	68,690.2	-	-	-	16,971.3
Subdistrict IA								
May 1994	W	W	-	10,186.5	W	W	-	2,306.1
April 1994	9,056.7	684.6	-	9,721.2	W	W	-	2,217.1
May 1993	-	-	-	9,689.8	-	-	-	2,224.0
Connecticut								
May 1994	W	W	-	2,244.2	W	W	-	614.9
April 1994	W	W	-	2,199.3	431.7	171.3	-	603.0
May 1993	-	-	-	2,187.0	-	-	-	611.2
Maine								
May 1994	1,545.3	-	-	1,545.3	274.6	-	-	274.6
April 1994	1,391.8	-	-	1,391.8	245.2	-	-	245.2
May 1993	-	-	-	1,439.9	-	-	-	249.9
Massachusetts								
May 1994	4,425.3	-	-	4,425.3	998.8	-	-	998.8
April 1994	W	W	-	4,248.5	W	W	-	962.9
May 1993	-	-	-	3,932.5	-	-	-	912.9
New Hampshire								
May 1994	722.2	-	-	722.2	150.1	-	-	150.1
April 1994	685.2	-	-	685.2	140.4	-	-	140.4
May 1993	-	-	-	749.4	-	-	-	153.8
Rhode Island								
May 1994	834.3	-	-	834.3	188.7	-	-	188.7
April 1994	811.5	-	-	811.5	193.8	-	-	193.8
May 1993	-	-	-	974.5	-	-	-	222.4
Vermont								
May 1994	415.2	-	-	415.2	79.0	-	-	79.0
April 1994	385.0	-	-	385.0	71.8	-	-	71.8
May 1993	-	-	-	408.5	-	-	-	73.7
Subdistrict IB								
May 1994	26,951.9	218.5	-	27,170.4	6,324.3	69.4	-	6,393.6
April 1994	19,229.7	7,728.0	-	26,957.7	4,266.3	1,846.8	-	6,113.1
May 1993	-	-	-	27,525.4	-	-	-	W
Delaware								
May 1994	W	W	-	681.8	W	W	-	230.8
April 1994	708.6	2.3	-	710.9	W	W	-	234.7
May 1993	-	-	-	667.7	-	-	-	234.8
District of Columbia								
May 1994	W	W	-	127.9	W	W	-	87.5
April 1994	129.6	-	-	129.6	86.5	-	-	86.5
May 1993	-	-	-	157.2	-	-	-	91.3
Maryland								
May 1994	W	W	-	2,976.5	W	W	-	1,074.1
April 1994	W	W	-	2,913.9	1,019.5	-	-	1,019.5
May 1993	-	-	-	3,104.6	-	-	-	1,082.4
New Jersey								
May 1994	5,695.7	120.3	-	5,816.0	1,275.5	36.4	-	1,311.9
April 1994	1,983.0	3,886.1	-	5,869.1	402.0	895.1	-	1,297.0
May 1993	-	-	-	5,588.2	-	-	-	1,319.3
New York								
May 1994	8,726.8	35.9	-	8,762.7	1,664.9	11.5	-	1,676.4
April 1994	5,044.1	3,451.6	-	8,495.6	689.5	866.3	-	1,555.7
May 1993	-	-	-	9,090.3	-	-	-	1,649.9
Pennsylvania								
May 1994	W	W	-	8,805.4	W	W	-	2,012.9
April 1994	W	W	-	8,838.4	W	W	-	1,919.7
May 1993	-	-	-	8,917.4	-	-	-	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								
May 1994	67,027.9	1,141.2	—	68,169.1	328,510.0	2,947.8	—	331,457.7
April 1994	60,144.2	7,226.4	—	67,370.6	311,779.1	19,411.2	—	331,190.3
May 1993	—	—	—	63,198.3	—	—	—	324,316.2
PAD District I								
May 1994	30,467.1	139.8	—	30,607.0	116,869.1	433.5	—	117,302.6
April 1994	24,220.8	6,196.9	—	30,417.7	101,096.7	16,612.8	—	117,709.6
May 1993	—	—	—	28,725.9	—	—	—	114,393.9
Subdistrict IA								
May 1994	W	W	—	3,777.4	16,268.2	3.8	—	16,269.9
April 1994	W	W	—	3,676.6	14,445.4	1,169.5	—	15,614.9
May 1993	—	—	—	3,682.2	—	—	—	15,596.0
Connecticut								
May 1994	W	W	—	980.6	3,836.0	3.8	—	3,839.7
April 1994	W	W	—	951.4	W	W	—	3,753.6
May 1993	—	—	—	970.3	—	—	—	3,768.5
Maine								
May 1994	366.7	—	—	366.7	2,186.6	—	—	2,186.6
April 1994	333.0	—	—	333.0	1,970.0	—	—	1,970.0
May 1993	—	—	—	348.3	—	—	—	2,038.2
Massachusetts								
May 1994	1,736.8	—	—	1,736.8	7,160.9	—	—	7,160.9
April 1994	W	W	—	1,720.4	W	W	—	6,931.8
May 1993	—	—	—	1,633.1	—	—	—	6,478.5
New Hampshire								
May 1994	214.9	—	—	214.9	1,087.2	—	—	1,087.2
April 1994	199.9	—	—	199.9	1,025.5	—	—	1,025.5
May 1993	—	—	—	214.7	—	—	—	1,117.9
Rhode Island								
May 1994	349.9	—	—	349.9	1,372.9	—	—	1,372.9
April 1994	353.4	—	—	353.4	1,358.7	—	—	1,358.7
May 1993	—	—	—	399.4	—	—	—	1,596.3
Vermont								
May 1994	128.5	—	—	128.5	622.6	—	—	622.6
April 1994	118.5	—	—	118.5	575.3	—	—	575.3
May 1993	—	—	—	116.4	—	—	—	596.5
Subdistrict IB								
May 1994	13,190.6	136.4	—	13,327.0	46,466.8	424.2	—	46,891.0
April 1994	7,208.2	5,867.7	—	13,075.9	30,704.2	15,442.5	—	46,146.7
May 1993	—	—	—	12,767.5	—	—	—	46,597.3
Delaware								
May 1994	234.6	—	—	234.6	W	W	—	1,147.3
April 1994	W	W	—	241.0	W	W	—	1,186.7
May 1993	—	—	—	223.9	—	—	—	1,126.4
District of Columbia								
May 1994	W	W	—	220.5	W	W	—	435.9
April 1994	W	W	—	220.8	W	W	—	436.9
May 1993	—	—	—	209.1	—	—	—	457.6
Maryland								
May 1994	W	W	—	1,585.0	5,635.3	0.4	—	5,635.6
April 1994	W	W	—	1,551.4	W	W	—	5,484.8
May 1993	—	—	—	1,532.0	—	—	—	5,719.1
New Jersey								
May 1994	3,574.7	81.7	—	3,656.4	10,545.9	238.3	—	10,784.3
April 1994	896.4	2,732.0	—	3,628.5	3,281.4	7,513.2	—	10,794.6
May 1993	—	—	—	3,477.0	—	—	—	10,384.5
New York								
May 1994	4,409.9	23.9	—	4,433.8	14,801.6	71.3	—	14,872.9
April 1994	1,267.3	3,025.1	—	4,292.4	7,000.9	7,342.9	—	14,343.8
May 1993	—	—	—	4,292.3	—	—	—	15,036.2
Pennsylvania								
May 1994	W	W	—	3,196.7	W	W	—	14,015.0
April 1994	W	W	—	3,141.8	W	W	—	13,899.9
May 1993	—	—	—	3,033.0	—	—	—	13,873.5

See footnotes at end of table.

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

Geographic Area Month	Regular				Midgrade			
	Conventional ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Subdistrict IC								
May 1994	W	W	-	31,787.4	W	W	-	8,851.8
April 1994	33,233.4	0.5	-	33,233.9	W	W	-	9,048.8
May 1993	-	-	-	31,475.0	-	-	-	W
Florida								
May 1994	9,233.1	-	-	9,233.1	3,079.5	-	-	3,079.5
April 1994	10,221.2	-	-	10,221.2	3,267.4	-	-	3,267.4
May 1993	-	-	-	9,300.6	-	-	-	3,036.3
Georgia								
May 1994	6,407.5	-	-	6,407.5	1,634.8	-	-	1,634.8
April 1994	6,714.4	-	-	6,714.4	1,663.1	-	-	1,663.1
May 1993	-	-	-	6,213.6	-	-	-	W
North Carolina								
May 1994	W	W	-	6,216.5	1,490.3	-	-	1,490.3
April 1994	W	W	-	6,260.8	1,467.5	-	-	1,467.5
May 1993	-	-	-	6,315.5	-	-	-	1,371.0
South Carolina								
May 1994	3,516.0	-	-	3,516.0	790.1	-	-	790.1
April 1994	3,659.2	-	-	3,659.2	810.4	-	-	810.4
May 1993	-	-	-	3,477.5	-	-	-	793.7
Virginia								
May 1994	W	W	-	5,311.4	W	W	-	1,595.4
April 1994	W	W	-	5,307.1	W	W	-	1,573.4
May 1993	-	-	-	5,179.7	-	-	-	1,479.2
West Virginia								
May 1994	1,102.9	-	-	1,102.9	261.8	-	-	261.8
April 1994	1,071.2	-	-	1,071.2	266.9	-	-	266.9
May 1993	-	-	-	987.9	-	-	-	W
PAD District II								
May 1994	71,380.6	491.1	-	71,871.7	9,626.3	61.8	-	9,688.1
April 1994	70,723.5	468.7	-	71,192.2	9,428.2	58.8	-	9,487.0
May 1993	-	-	-	71,833.5	-	-	-	9,205.4
Illinois								
May 1994	8,175.2	-	-	8,175.2	1,615.5	-	-	1,615.5
April 1994	8,451.1	-	-	8,451.1	1,559.8	-	-	1,559.8
May 1993	-	-	-	8,511.6	-	-	-	W
Indiana								
May 1994	5,478.8	-	-	5,478.8	920.4	-	-	920.4
April 1994	5,607.5	-	-	5,607.5	899.9	-	-	899.9
May 1993	-	-	-	5,154.6	-	-	-	W
Iowa								
May 1994	3,787.9	-	-	3,787.9	46.8	-	-	46.8
April 1994	3,760.8	-	-	3,760.8	46.4	-	-	46.4
May 1993	-	-	-	3,485.7	-	-	-	W
Kansas								
May 1994	3,456.5	-	-	3,456.5	139.4	-	-	139.4
April 1994	3,410.2	-	-	3,410.2	133.4	-	-	133.4
May 1993	-	-	-	3,391.7	-	-	-	W
Kentucky								
May 1994	3,565.0	-	-	3,565.0	768.6	-	-	768.6
April 1994	3,622.0	-	-	3,622.0	777.9	-	-	777.9
May 1993	-	-	-	3,535.7	-	-	-	W
Michigan								
May 1994	9,347.6	-	-	9,347.6	1,332.0	-	-	1,332.0
April 1994	8,812.5	-	-	8,812.5	1,285.0	-	-	1,285.0
May 1993	-	-	-	9,499.2	-	-	-	1,223.0
Minnesota								
May 1994	4,492.0	491.1	-	4,983.1	337.6	61.8	-	399.4
April 1994	4,289.9	468.7	-	4,758.6	308.9	58.8	-	367.7
May 1993	-	-	-	4,634.8	-	-	-	370.3
Missouri								
May 1994	5,688.8	-	-	5,688.8	552.4	-	-	552.4
April 1994	5,575.4	-	-	5,575.4	539.1	-	-	539.1
May 1993	-	-	-	5,312.0	-	-	-	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								
May 1994	W	W	—	13,502.5	54,136.2	5.5	—	54,141.7
April 1994	W	W	—	13,865.3	55,947.2	0.8	—	55,948.0
May 1993	—	—	—	12,276.3	—	—	—	52,200.7
Florida								
May 1994	4,976.9	—	—	4,976.9	17,289.5	—	—	17,289.5
April 1994	5,136.3	—	—	5,136.3	18,626.9	—	—	18,626.9
May 1993	—	—	—	4,800.1	—	—	—	17,137.0
Georgia								
May 1994	2,493.6	—	—	2,493.6	10,535.9	—	—	10,535.9
April 1994	2,582.0	—	—	2,582.0	10,959.5	—	—	10,959.5
May 1993	—	—	—	2,204.9	—	—	—	9,940.2
North Carolina								
May 1994	2,209.4	—	—	2,209.4	W	W	—	9,916.2
April 1994	W	W	—	2,189.0	W	W	—	9,917.3
May 1993	—	—	—	1,930.3	—	—	—	9,616.8
South Carolina								
May 1994	1,121.1	—	—	1,121.1	5,427.2	—	—	5,427.2
April 1994	1,163.4	—	—	1,163.4	5,633.0	—	—	5,633.0
May 1993	—	—	—	945.4	—	—	—	5,216.5
Virginia								
May 1994	W	W	—	2,400.2	W	W	—	9,306.9
April 1994	W	W	—	2,317.1	W	W	—	9,197.6
May 1993	—	—	—	2,152.4	—	—	—	8,811.3
West Virginia								
May 1994	301.4	—	—	301.4	1,666.1	—	—	1,666.1
April 1994	275.5	—	—	275.5	1,613.6	—	—	1,613.6
May 1993	—	—	—	243.2	—	—	—	1,476.9
PAD District II								
May 1994	15,173.9	93.8	—	15,267.6	96,180.8	646.7	—	96,827.5
April 1994	14,913.7	73.2	—	14,986.9	95,065.4	600.7	—	95,666.1
May 1993	—	—	—	13,423.6	—	—	—	94,671.0
Illinois								
May 1994	2,303.7	—	—	2,303.7	12,094.4	—	—	12,094.4
April 1994	2,256.8	—	—	2,256.8	12,267.7	—	—	12,267.7
May 1993	—	—	—	2,103.3	—	—	—	12,139.2
Indiana								
May 1994	1,320.0	—	—	1,320.0	7,719.2	—	—	7,719.2
April 1994	1,331.9	—	—	1,331.9	7,839.3	—	—	7,839.3
May 1993	—	—	—	1,070.0	—	—	—	7,142.6
Iowa								
May 1994	294.3	—	—	294.3	4,129.1	—	—	4,129.1
April 1994	265.4	—	—	265.4	4,072.5	—	—	4,072.5
May 1993	—	—	—	263.8	—	—	—	3,801.0
Kansas								
May 1994	407.2	—	—	407.2	4,003.1	—	—	4,003.1
April 1994	390.1	—	—	390.1	3,933.7	—	—	3,933.7
May 1993	—	—	—	380.0	—	—	—	3,938.8
Kentucky								
May 1994	1,131.5	—	—	1,131.5	5,465.0	—	—	5,465.0
April 1994	1,157.9	—	—	1,157.9	5,557.8	—	—	5,557.8
May 1993	—	—	—	952.2	—	—	—	5,220.8
Michigan								
May 1994	2,032.1	—	—	2,032.1	12,711.7	—	—	12,711.7
April 1994	1,984.3	—	—	1,984.3	12,081.8	—	—	12,081.8
May 1993	—	—	—	1,770.4	—	—	—	12,536.1
Minnesota								
May 1994	473.6	93.8	—	567.4	5,303.3	646.7	—	5,949.9
April 1994	433.5	73.2	—	506.7	5,032.3	600.7	—	5,633.0
May 1993	—	—	—	490.0	—	—	—	5,500.2
Missouri								
May 1994	1,120.6	—	—	1,120.6	7,361.8	—	—	7,361.8
April 1994	1,108.5	—	—	1,108.5	7,223.0	—	—	7,223.0
May 1993	—	—	—	1,010.4	—	—	—	6,995.1

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
Nebraska								
May 1994	2,072.3	-	-	2,072.3	9.1	-	-	9.1
April 1994	2,061.6	-	-	2,061.6	8.4	-	-	8.4
May 1993	-	-	-	1,889.9	-	-	-	10.1
North Dakota								
May 1994	932.5	-	-	932.5	W	-	-	W
April 1994	869.9	-	-	869.9	W	-	-	W
May 1993	-	-	-	847.9	-	-	-	W
Ohio								
May 1994	9,405.1	-	-	9,405.1	1,855.1	-	-	1,855.1
April 1994	9,313.7	-	-	9,313.7	1,836.8	-	-	1,836.8
May 1993	-	-	-	9,675.7	-	-	-	W
Oklahoma								
May 1994	4,008.9	-	-	4,008.9	216.3	-	-	216.3
April 1994	4,146.0	-	-	4,146.0	216.5	-	-	216.5
May 1993	-	-	-	4,873.8	-	-	-	214.1
South Dakota								
May 1994	1,081.3	-	-	1,081.3	W	-	-	W
April 1994	987.4	-	-	987.4	W	-	-	W
May 1993	-	-	-	980.9	-	-	-	W
Tennessee								
May 1994	4,989.5	-	-	4,989.5	1,367.0	-	-	1,367.0
April 1994	5,177.6	-	-	5,177.6	1,389.9	-	-	1,389.9
May 1993	-	-	-	5,188.7	-	-	-	1,215.5
Wisconsin								
May 1994	4,899.2	-	-	4,899.2	421.8	-	-	421.8
April 1994	4,637.9	-	-	4,637.9	381.4	-	-	381.4
May 1993	-	-	-	4,871.5	-	-	-	W
PAD District III								
May 1994	W	W	-	32,839.3	W	W	-	6,846.5
April 1994	W	W	-	34,165.5	W	W	-	6,883.4
May 1993	-	-	-	32,906.7	-	-	-	6,262.1
Alabama								
May 1994	3,553.9	-	-	3,553.9	828.2	-	-	828.2
April 1994	3,583.2	-	-	3,583.2	828.3	-	-	828.3
May 1993	-	-	-	3,545.8	-	-	-	783.1
Arkansas								
May 1994	2,957.9	-	-	2,957.9	433.9	-	-	433.9
April 1994	3,010.9	-	-	3,010.9	423.3	-	-	423.3
May 1993	-	-	-	3,044.4	-	-	-	W
Louisiana								
May 1994	3,395.6	-	-	3,395.6	850.8	-	-	850.8
April 1994	3,348.8	-	-	3,348.8	828.8	-	-	828.8
May 1993	-	-	-	3,481.2	-	-	-	851.6
Mississippi								
May 1994	2,399.6	-	-	2,399.6	501.3	-	-	501.3
April 1994	2,445.4	-	-	2,445.4	502.9	-	-	502.9
May 1993	-	-	-	2,745.5	-	-	-	463.8
New Mexico								
May 1994	W	W	-	1,937.5	88.9	-	-	88.9
April 1994	W	W	-	1,956.7	W	W	-	80.6
May 1993	-	-	-	1,613.0	-	-	-	62.5
Texas								
May 1994	W	W	-	18,594.7	W	W	-	4,143.4
April 1994	W	W	-	19,820.4	W	W	-	4,019.5
May 1993	-	-	-	18,496.9	-	-	-	W
PAD District IV								
May 1994	W	W	-	7,931.2	W	W	-	835.5
April 1994	7,519.8	144.9	-	7,664.7	W	W	-	789.8
May 1993	-	-	-	7,137.4	-	-	-	638.0
Colorado								
May 1994	W	W	-	3,383.5	W	W	-	621.1
April 1994	W	W	-	3,189.5	W	W	-	585.1
May 1993	-	-	-	3,277.7	-	-	-	502.1

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	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Nebraska								
May 1994	140.2	-	-	140.2	2,221.7	-	-	2,221.7
April 1994	134.5	-	-	134.5	2,204.6	-	-	2,204.6
May 1993	-	-	-	114.8	-	-	-	2,019.3
North Dakota								
May 1994	W	-	-	W	1,027.5	-	-	1,027.5
April 1994	W	-	-	W	955.2	-	-	955.2
May 1993	-	-	-	46.5	-	-	-	944.0
Ohio								
May 1994	2,142.8	-	-	2,142.8	13,402.9	-	-	13,402.9
April 1994	2,134.8	-	-	2,134.8	13,285.3	-	-	13,285.3
May 1993	-	-	-	1,935.7	-	-	-	13,423.1
Oklahoma								
May 1994	808.8	-	-	808.8	5,034.0	-	-	5,034.0
April 1994	808.5	-	-	808.5	5,171.0	-	-	5,171.0
May 1993	-	-	-	739.4	-	-	-	5,829.0
South Dakota								
May 1994	W	-	-	W	1,170.9	-	-	1,170.9
April 1994	W	-	-	W	1,087.9	-	-	1,087.9
May 1993	-	-	-	67.2	-	-	-	1,051.5
Tennessee								
May 1994	2,005.2	-	-	2,005.2	8,381.8	-	-	8,381.8
April 1994	2,030.2	-	-	2,030.2	8,597.7	-	-	8,597.7
May 1993	-	-	-	1,751.1	-	-	-	8,135.3
Wisconsin								
May 1994	853.6	-	-	853.6	6,174.6	-	-	6,174.6
April 1994	756.4	-	-	756.4	5,775.6	-	-	5,775.6
May 1993	-	-	-	748.7	-	-	-	5,995.0
PAD District III								
May 1994	W	W	-	9,787.6	W	W	-	49,473.5
April 1994	W	W	-	9,602.3	W	W	-	50,451.1
May 1993	-	-	-	8,766.8	-	-	-	48,300.9
Alabama								
May 1994	1,321.6	-	-	1,321.6	5,703.7	-	-	5,703.7
April 1994	1,343.9	-	-	1,343.9	5,755.4	-	-	5,755.4
May 1993	-	-	-	1,117.8	-	-	-	5,426.7
Arkansas								
May 1994	804.6	-	-	804.6	4,196.4	-	-	4,196.4
April 1994	787.3	-	-	787.3	4,221.5	-	-	4,221.5
May 1993	-	-	-	708.7	-	-	-	4,130.8
Louisiana								
May 1994	1,396.1	-	-	1,396.1	5,642.5	-	-	5,642.5
April 1994	1,363.8	-	-	1,363.8	5,541.4	-	-	5,541.4
May 1993	-	-	-	1,360.9	-	-	-	5,673.7
Mississippi								
May 1994	764.2	-	-	764.2	3,665.1	-	-	3,665.1
April 1994	773.7	-	-	773.7	3,722.0	-	-	3,722.0
May 1993	-	-	-	620.7	-	-	-	3,830.0
New Mexico								
May 1994	W	W	-	240.7	W	W	-	2,267.1
April 1994	W	W	-	230.8	W	W	-	2,268.1
May 1993	-	-	-	196.4	-	-	-	2,119.5
Texas								
May 1994	W	W	-	5,260.4	W	W	-	27,998.5
April 1994	W	W	-	5,102.8	W	W	-	28,942.7
May 1993	-	-	-	4,762.2	-	-	-	27,120.1
PAD District IV								
May 1994	W	W	-	1,703.4	W	W	-	10,470.1
April 1994	1,628.6	13.1	-	1,641.6	W	W	-	10,096.1
May 1993	-	-	-	1,472.7	-	-	-	10,096.5
Colorado								
May 1994	W	W	-	677.5	W	W	-	4,682.0
April 1994	W	W	-	638.9	4,235.7	157.7	-	4,393.4
May 1993	-	-	-	605.1	-	-	-	4,464.7

See footnotes at end of table.

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

Geographic Area Month	Regular				Midgrade			
	Conventional ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Idaho								
May 1994	1,255.4	-	-	1,255.4	8.6	-	-	8.6
April 1994	1,185.6	-	-	1,185.6	18.3	-	-	18.3
May 1993	-	-	-	963.2	-	-	-	W
Montana								
May 1994	1,058.4	-	-	1,058.4	W	-	-	W
April 1994	991.1	-	-	991.1	-	-	-	-
May 1993	-	-	-	849.0	-	-	-	-
Utah								
May 1994	1,570.1	-	-	1,570.1	200.9	-	-	200.9
April 1994	W	W	-	1,703.9	202.1	-	-	202.1
May 1993	-	-	-	1,468.8	-	-	-	128.4
Wyoming								
May 1994	663.8	-	-	663.8	W	-	-	W
April 1994	594.6	-	-	594.6	4.3	-	-	4.3
May 1993	-	-	-	578.7	-	-	-	W
PAD District V								
May 1994	W	W	-	41,546.7	5,033.8	-	-	5,033.8
April 1994	W	W	-	41,560.0	4,984.8	0.5	-	4,985.3
May 1993	-	-	-	37,836.4	-	-	-	5,721.1
Alaska								
May 1994	606.5	-	-	606.5	W	-	-	W
April 1994	502.8	-	-	502.8	W	-	-	W
May 1993	-	-	-	579.8	-	-	-	-
Arizona								
May 1994	W	W	-	3,779.9	15.1	-	-	15.1
April 1994	3,918.7	54.2	-	3,972.9	14.8	-	-	14.8
May 1993	-	-	-	2,963.0	-	-	-	25.2
California								
May 1994	W	W	-	26,549.1	4,735.6	-	-	4,735.6
April 1994	W	W	-	26,551.0	W	W	-	4,697.6
May 1993	-	-	-	24,984.1	-	-	-	W
Hawaii								
May 1994	556.6	-	-	556.6	127.3	-	-	127.3
April 1994	554.7	-	-	554.7	122.1	-	-	122.1
May 1993	-	-	-	546.3	-	-	-	113.2
Nevada								
May 1994	W	W	-	1,546.5	143.6	-	-	143.6
April 1994	W	W	-	1,504.5	W	W	-	138.8
May 1993	-	-	-	1,487.1	-	-	-	195.6
Oregon								
May 1994	2,747.0	-	-	2,747.0	W	-	-	W
April 1994	W	W	-	2,848.5	2.6	-	-	2.6
May 1993	-	-	-	2,555.0	-	-	-	W
Washington								
May 1994	W	W	-	5,761.0	W	-	-	W
April 1994	W	W	-	5,625.6	W	-	-	W
May 1993	-	-	-	4,721.1	-	-	-	3.0

See footnotes at end of table.

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

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Idaho								
May 1994	199.9	-	-	199.9	1,463.9	-	-	1,463.9
April 1994	185.6	-	-	185.6	1,389.5	-	-	1,389.5
May 1993	-	-	-	151.3	-	-	-	1,405.8
Montana								
May 1994	W	-	-	W	1,248.0	-	-	1,248.0
April 1994	172.2	-	-	172.2	1,163.3	-	-	1,163.3
May 1993	-	-	-	172.3	-	-	-	1,236.9
Utah								
May 1994	511.7	-	-	511.7	2,282.8	-	-	2,282.8
April 1994	W	W	-	537.7	W	W	-	2,443.7
May 1993	-	-	-	433.9	-	-	-	2,207.7
Wyoming								
May 1994	W	-	-	W	793.4	-	-	793.4
April 1994	107.3	-	-	107.3	706.2	-	-	706.2
May 1993	-	-	-	110.1	-	-	-	781.4
PAD District V								
May 1994	W	W	-	10,803.5	W	W	-	57,384.0
April 1994	W	W	-	10,722.1	55,548.4	1,719.0	-	57,267.4
May 1993	-	-	-	10,809.4	-	-	-	56,853.9
Alaska								
May 1994	W	-	-	W	691.9	-	-	691.9
April 1994	W	-	-	W	580.5	-	-	580.5
May 1993	-	-	-	73.3	-	-	-	685.5
Arizona								
May 1994	W	W	-	786.9	4,567.3	14.5	-	4,581.8
April 1994	725.8	14.4	-	740.2	4,659.3	68.6	-	4,727.9
May 1993	-	-	-	659.2	-	-	-	4,224.9
California								
May 1994	W	W	-	7,755.3	W	W	-	39,040.0
April 1994	W	W	-	7,779.5	W	W	-	39,028.0
May 1993	-	-	-	7,786.4	-	-	-	38,153.5
Hawaii								
May 1994	322.2	-	-	322.2	1,006.1	-	-	1,006.1
April 1994	318.3	-	-	318.3	995.1	-	-	995.1
May 1993	-	-	-	319.4	-	-	-	978.9
Nevada								
May 1994	338.9	-	-	338.9	W	W	-	2,029.0
April 1994	W	W	-	298.9	W	W	-	1,942.3
May 1993	-	-	-	376.9	-	-	-	2,065.2
Oregon								
May 1994	W	-	-	W	3,193.8	-	-	3,193.8
April 1994	W	W	-	452.0	W	W	-	3,303.1
May 1993	-	-	-	432.1	-	-	-	3,655.0
Washington								
May 1994	1,075.5	W	-	W	W	W	-	6,841.4
April 1994	1,012.5	W	-	W	W	W	-	6,690.6
May 1993	-	-	-	1,162.0	-	-	-	7,090.9

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							
May 1994	1,011.2	2,122.7	54,115.4	22,883.9	11,979.7	21,546.6	33,526.3
April 1994	845.1	1,861.0	55,038.2	25,080.0	13,111.5	21,326.7	34,438.2
May 1993	914.9	4,848.0	50,072.3	20,649.5	9,210.5	19,065.7	28,276.2
PAD District I							
May 1994	235.5	W	13,884.6	4,079.8	9,669.5	13,296.9	22,966.4
April 1994	233.5	W	14,276.0	4,592.9	10,841.5	13,006.1	23,847.7
May 1993	205.0	W	12,714.5	3,272.1	6,856.2	8,577.4	15,433.6
Subdistrict IA							
May 1994	27.0	W	1,080.0	368.7	1,765.1	1,630.5	3,395.6
April 1994	23.5	W	1,137.4	462.4	2,044.5	1,437.2	3,481.7
May 1993	25.6	-	1,120.7	359.8	2,039.5	1,335.3	3,374.7
Connecticut							
May 1994	2.4	W	241.1	60.0	W	W	412.9
April 1994	4.4	-	194.3	76.5	W	W	407.3
May 1993	3.9	-	240.5	54.9	373.6	-	373.6
Maine							
May 1994	W	-	69.1	51.9	209.4	669.1	878.4
April 1994	W	-	73.8	52.3	364.5	556.2	920.6
May 1993	W	-	W	39.5	210.7	526.6	737.3
Massachusetts							
May 1994	5.9	W	692.0	97.1	952.3	418.9	1,371.2
April 1994	5.9	W	762.2	104.9	1,075.8	720.0	1,795.8
May 1993	5.5	-	708.8	115.4	1,312.7	299.5	1,612.2
New Hampshire							
May 1994	2.4	-	25.9	82.7	23.0	522.3	545.4
April 1994	W	-	23.6	109.5	38.2	134.9	173.1
May 1993	W	-	24.8	86.1	W	W	504.7
Rhode Island							
May 1994	W	-	45.3	21.1	165.9	-	165.9
April 1994	W	-	48.7	25.8	155.9	-	155.9
May 1993	W	-	46.2	23.4	W	-	W
Vermont							
May 1994	1.5	-	6.7	56.0	W	W	21.8
April 1994	0.9	-	34.7	93.3	W	W	29.0
May 1993	1.6	-	W	40.5	W	W	W
Subdistrict IB							
May 1994	64.7	W	6,730.5	1,715.3	4,321.1	2,414.3	6,735.5
April 1994	58.0	W	6,733.1	1,884.6	5,863.7	2,771.0	8,634.7
May 1993	48.9	W	6,249.2	1,223.1	3,292.2	1,745.8	5,038.0
Delaware							
May 1994	W	-	6.9	95.2	153.6	W	W
April 1994	1.4	W	6.8	126.2	W	91.4	W
May 1993	W	-	9.5	W	W	W	449.1
District of Columbia							
May 1994	W	-	-	-	W	-	W
April 1994	-	-	-	-	W	-	W
May 1993	W	-	-	-	W	-	W
Maryland							
May 1994	6.7	W	261.9	74.3	W	W	484.0
April 1994	6.0	-	361.7	109.8	562.0	631.3	1,193.3
May 1993	6.4	W	220.8	W	W	W	W
New Jersey							
May 1994	24.3	W	4,788.7	317.7	NA	421.5	1,614.6
April 1994	15.2	W	4,837.3	284.2	NA	570.1	1,771.8
May 1993	11.8	W	4,554.7	198.5	622.1	385.5	1,007.6
New York							
May 1994	12.3	-	438.4	444.4	1,999.9	880.7	2,880.6
April 1994	12.0	-	430.8	570.6	3,003.4	804.7	3,808.2
May 1993	17.3	-	367.9	307.6	2,007.5	663.1	2,670.5
Pennsylvania							
May 1994	19.4	-	1,234.5	783.7	723.5	743.5	1,467.1
April 1994	23.4	-	1,096.4	793.8	891.6	673.5	1,565.1
May 1993	12.7	-	1,096.3	603.7	176.7	537.5	714.2

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
Subdistrict IC							
May 1994	143.9	—	6,074.0	1,995.8	3,583.3	9,252.1	12,835.4
April 1994	152.0	—	6,405.5	2,245.8	2,933.3	8,797.9	11,731.3
May 1993	130.5	—	5,344.6	1,689.2	1,524.5	5,496.3	7,020.8
Florida							
May 1994	72.7	—	2,715.9	658.8	3,504.5	6,903.7	10,408.3
April 1994	86.3	—	2,997.1	758.9	2,874.2	6,444.2	9,318.4
May 1993	67.6	—	2,347.8	629.3	1,483.9	3,664.8	5,148.7
Georgia							
May 1994	19.6	—	1,633.3	350.9	—	450.8	450.8
April 1994	21.5	—	1,656.8	402.0	—	403.7	403.7
May 1993	20.3	—	1,533.5	320.4	—	352.5	352.5
North Carolina							
May 1994	20.7	—	362.8	439.6	W	W	614.7
April 1994	17.3	—	394.3	474.5	W	W	660.6
May 1993	16.5	—	320.8	355.0	24.4	624.2	648.5
South Carolina							
May 1994	11.5	—	110.2	199.9	W	W	W
April 1994	11.8	—	109.5	210.9	W	W	W
May 1993	12.2	—	73.2	177.1	W	W	W
Virginia							
May 1994	14.7	—	1,234.8	303.2	14.0	1,049.1	1,063.1
April 1994	12.7	—	1,228.7	354.4	17.9	1,077.2	1,095.2
May 1993	9.9	—	1,051.9	180.3	8.6	526.1	534.7
West Virginia							
May 1994	4.6	—	17.0	43.4	W	W	W
April 1994	2.4	—	19.0	45.3	W	W	W
May 1993	4.0	—	17.4	27.1	W	W	W
PAD District II							
May 1994	254.4	723.4	9,256.4	6,214.2	W	W	658.7
April 1994	208.6	626.2	9,794.6	7,726.9	W	W	615.7
May 1993	234.3	1,081.7	9,142.5	5,792.5	70.2	586.7	657.0
Illinois							
May 1994	W	—	900.9	851.5	W	W	49.7
April 1994	W	—	897.4	816.4	W	W	W
May 1993	W	—	844.4	740.0	W	W	W
Indiana							
May 1994	21.7	W	1,622.6	379.0	W	W	W
April 1994	20.0	W	1,673.2	464.2	W	W	W
May 1993	28.4	291.9	1,829.9	299.1	W	W	77.3
Iowa							
May 1994	12.5	W	65.8	268.7	—	—	—
April 1994	8.9	W	67.5	455.7	—	—	—
May 1993	11.0	W	52.0	154.7	—	—	—
Kansas							
May 1994	18.1	W	119.5	1,149.5	—	—	—
April 1994	17.5	W	109.4	1,512.9	—	—	—
May 1993	19.3	W	399.6	1,858.2	—	—	—
Kentucky							
May 1994	6.8	—	598.6	299.8	—	W	W
April 1994	5.6	—	651.5	302.6	W	W	W
May 1993	6.1	—	437.7	180.3	W	W	14.5
Michigan							
May 1994	38.0	W	1,120.7	704.5	W	W	79.4
April 1994	25.6	—	1,135.5	762.1	W	W	91.6
May 1993	27.7	—	969.8	435.4	3.6	15.4	19.0
Minnesota							
May 1994	22.7	W	960.9	475.9	W	W	185.2
April 1994	14.7	W	973.9	501.7	W	W	162.3
May 1993	20.1	W	932.6	321.6	—	175.2	175.2
Missouri							
May 1994	20.6	W	993.0	441.9	W	W	22.8
April 1994	14.4	W	938.3	785.3	W	W	W
May 1993	11.2	W	869.4	393.8	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							
May 1994	6.5	W	83.3	149.6	-	-	-
April 1994	6.0	W	78.3	182.3	-	-	-
May 1993	8.3	-	66.9	75.5	-	W	W
North Dakota							
May 1994	4.2	W	16.4	86.6	-	-	-
April 1994	W	W	18.5	103.4	-	-	-
May 1993	W	W	19.6	88.4	-	-	-
Ohio							
May 1994	30.3	W	1,062.8	433.8	W	W	106.4
April 1994	27.4	W	1,108.2	592.0	W	W	101.2
May 1993	28.1	W	1,040.1	353.5	W	W	77.6
Oklahoma							
May 1994	12.3	W	762.0	381.0	-	-	-
April 1994	10.6	W	1,147.8	442.7	-	-	-
May 1993	W	289.6	791.1	372.2	W	-	W
South Dakota							
May 1994	W	W	24.3	73.7	-	W	W
April 1994	6.7	W	20.1	112.8	-	W	W
May 1993	W	W	21.7	47.1	W	W	W
Tennessee							
May 1994	18.5	-	749.1	83.2	W	W	20.3
April 1994	20.6	-	813.4	118.7	W	W	36.8
May 1993	17.8	W	716.5	159.8	W	W	39.2
Wisconsin							
May 1994	13.8	-	176.4	435.2	-	105.8	105.8
April 1994	12.1	-	161.6	593.9	W	W	104.4
May 1993	13.9	-	151.4	332.9	-	146.9	146.9
PAD District III							
May 1994	174.8	587.5	13,555.3	9,703.3	736.5	3,293.8	4,030.4
April 1994	152.6	535.8	13,484.3	9,841.7	805.9	3,954.3	4,760.2
May 1993	139.4	2,335.4	12,631.9	9,161.3	950.3	5,582.3	6,532.6
Alabama							
May 1994	15.5	W	126.6	196.8	W	W	221.3
April 1994	14.4	W	123.4	285.1	W	W	374.0
May 1993	12.5	W	132.5	212.1	-	W	W
Arkansas							
May 1994	28.1	W	66.6	173.6	-	-	-
April 1994	11.5	W	51.8	231.4	-	-	-
May 1993	W	W	41.5	155.3	-	-	-
Louisiana							
May 1994	12.7	W	3,726.8	1,008.1	-	1,831.1	1,831.1
April 1994	8.1	W	4,011.3	705.6	-	2,483.3	2,483.3
May 1993	10.5	976.6	2,779.8	743.8	W	W	2,738.2
Mississippi							
May 1994	10.3	W	684.1	467.7	W	W	W
April 1994	9.3	W	595.3	492.7	W	W	W
May 1993	9.6	199.2	673.5	407.6	W	W	234.5
New Mexico							
May 1994	11.0	W	250.3	456.8	W	-	W
April 1994	13.3	W	358.0	371.2	W	-	W
May 1993	W	W	138.3	573.5	W	-	W
Texas							
May 1994	97.1	W	8,700.8	7,400.3	533.7	1,222.5	1,756.1
April 1994	96.0	W	8,344.6	7,555.7	573.5	1,067.5	1,840.9
May 1993	82.1	876.8	8,866.3	7,069.2	719.9	2,613.1	3,333.0
PAD District IV							
May 1994	56.0	273.3	1,281.8	801.1	W	W	78.8
April 1994	39.0	381.5	1,411.5	905.1	W	W	94.7
May 1993	46.3	W	1,390.3	603.9	75.0	10.7	85.8
Colorado							
May 1994	22.8	W	724.3	230.8	W	-	W
April 1994	15.3	W	825.1	293.4	-	-	-
May 1993	14.0	W	743.6	186.5	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
Idaho							
May 1994	3.2	W	49.6	53.3	—	—	—
April 1994	W	W	48.3	71.8	—	W	W
May 1993	3.7	—	45.5	58.0	—	—	—
Montana							
May 1994	W	W	45.2	98.1	—	W	W
April 1994	W	W	46.1	112.3	—	W	W
May 1993	W	W	67.5	98.0	—	W	W
Utah							
May 1994	13.5	W	454.0	144.2	W	W	W
April 1994	11.8	199.1	485.4	189.0	W	W	W
May 1993	15.6	225.3	526.5	102.4	W	W	W
Wyoming							
May 1994	W	W	8.7	276.8	W	W	W
April 1994	2.3	W	6.6	238.6	W	W	53.1
May 1993	W	W	7.3	159.0	W	W	W
PAD District V							
May 1994	290.5	W	16,137.3	2,085.5	1,507.8	4,284.2	5,792.0
April 1994	211.4	W	16,071.9	2,213.4	1,356.6	3,763.4	5,120.0
May 1993	289.9	826.7	14,193.0	1,819.6	1,258.7	4,308.6	5,567.3
Alaska							
May 1994	49.0	W	1,559.5	W	—	—	—
April 1994	34.2	W	1,415.6	W	—	—	—
May 1993	52.1	W	1,199.1	W	—	W	W
Arizona							
May 1994	22.0	W	723.3	88.1	W	—	W
April 1994	19.8	W	680.6	111.4	W	—	W
May 1993	16.7	W	848.9	71.7	W	—	W
California							
May 1994	108.5	W	10,312.7	1,235.0	317.5	2,142.9	2,460.4
April 1994	103.3	W	9,863.5	1,238.6	408.9	1,949.3	2,358.2
May 1993	123.5	786.7	8,132.1	1,050.0	377.1	1,603.7	1,980.8
Hawaii							
May 1994	W	—	901.4	W	W	W	1,477.5
April 1994	W	—	1,012.0	W	W	W	1,224.4
May 1993	W	—	767.3	W	W	W	W
Nevada							
May 1994	W	—	718.7	83.7	W	—	W
April 1994	W	—	620.5	91.9	W	W	W
May 1993	W	W	533.9	51.7	W	W	W
Oregon							
May 1994	19.9	—	398.6	88.3	—	W	W
April 1994	17.1	—	384.2	118.9	—	W	W
May 1993	17.7	—	398.7	96.5	—	476.9	476.9
Washington							
May 1994	79.9	W	1,523.0	320.7	—	1,377.3	1,377.3
April 1994	27.5	W	2,115.6	374.1	—	1,097.3	1,097.3
May 1993	70.0	—	2,313.1	389.9	—	1,862.1	1,862.1

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate					No. 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									
May 1994	1,007.1	889.8	26,927.8	73,481.9	22,807.7	96,289.6	123,217.4	734.5	125,848.9
April 1994	1,371.5	1,049.7	32,479.4	71,997.5	23,285.8	95,283.3	127,762.7	1,204.5	131,388.4
May 1993	565.8	1,064.0	41,516.2	-	-	73,473.8	114,990.1	683.0	117,302.8
PAD District I									
May 1994	779.9	154.9	15,947.8	21,703.9	3,840.3	25,544.2	41,492.1	486.9	42,913.7
April 1994	1,014.9	157.4	21,262.1	21,077.9	3,365.9	24,443.7	45,705.8	967.3	47,845.5
May 1993	406.5	217.1	20,551.2	-	-	15,812.5	36,363.7	448.9	37,436.2
Subdistrict 1A									
May 1994	134.9	8.2	4,180.6	2,258.5	83.2	2,341.6	6,522.2	110.9	6,776.2
April 1994	169.8	W	6,121.8	2,126.2	42.3	2,168.5	8,290.3	W	8,708.6
May 1993	59.8	21.6	3,918.6	-	-	1,372.1	5,290.8	111.8	5,484.0
Connecticut									
May 1994	W	W	960.1	W	W	529.5	1,489.5	22.3	1,531.8
April 1994	W	W	1,435.4	W	W	541.4	1,976.8	39.5	2,043.9
May 1993	6.6	W	795.8	-	-	304.7	1,100.5	W	1,134.9
Maine									
May 1994	51.9	W	700.0	402.1	4.5	406.6	1,106.6	W	1,166.6
April 1994	60.2	W	927.1	346.4	6.5	352.9	1,280.0	W	1,358.2
May 1993	18.2	2.6	671.5	-	-	196.3	867.7	9.5	898.1
Massachusetts									
May 1994	W	W	1,655.3	734.8	65.1	799.9	2,455.2	53.0	2,553.5
April 1994	43.7	-	2,228.9	684.9	25.5	710.4	2,939.3	93.4	3,076.4
May 1993	28.8	1.6	1,438.3	-	-	468.8	1,907.1	48.9	1,986.5
New Hampshire									
May 1994	15.4	W	390.5	311.9	0.9	312.8	703.3	W	730.1
April 1994	28.5	W	600.9	284.4	1.1	285.5	866.4	W	934.0
May 1993	3.6	W	395.2	-	-	185.1	580.3	W	597.2
Rhode Island									
May 1994	W	W	391.8	W	W	196.3	587.9	14.8	609.1
April 1994	W	W	788.2	W	W	187.7	975.9	32.7	1,016.5
May 1993	1.4	W	553.1	-	-	150.2	703.3	W	728.5
Vermont									
May 1994	W	W	83.2	87.5	9.0	96.5	179.7	3.7	185.0
April 1994	W	W	141.3	84.0	6.6	90.6	231.9	42.7	279.7
May 1993	1.2	W	64.7	-	-	67.1	131.8	W	138.8
Subdistrict 1B									
May 1994	498.9	123.8	7,946.3	8,178.9	1,177.6	9,356.6	17,302.9	366.1	18,291.6
April 1994	603.8	124.8	11,331.9	7,967.7	867.0	8,854.7	20,186.6	710.0	21,625.2
May 1993	240.7	145.7	10,971.0	-	-	4,550.2	15,521.1	319.3	16,226.9
Delaware									
May 1994	W	-	148.3	W	W	262.5	410.7	W	417.8
April 1994	W	-	224.5	W	W	273.5	498.1	W	503.9
May 1993	1.4	W	250.1	-	-	233.5	483.6	W	485.5
District of Columbia									
May 1994	-	W	60.5	W	W	16.4	76.9	W	97.3
April 1994	W	W	107.1	W	W	18.2	125.3	W	149.9
May 1993	W	W	68.4	-	-	21.6	90.0	2.1	111.8
Maryland									
May 1994	17.1	W	384.2	900.3	140.4	1,040.6	1,424.8	W	1,461.5
April 1994	28.0	W	641.1	824.6	207.0	1,031.6	1,672.7	W	1,723.7
May 1993	8.2	W	809.4	-	-	630.4	1,439.8	W	1,465.7
New Jersey									
May 1994	215.9	W	2,586.3	2,057.6	143.5	2,201.1	4,787.4	W	5,073.4
April 1994	192.5	W	3,649.8	2,023.0	155.2	2,178.2	5,828.0	W	6,153.0
May 1993	87.8	46.4	3,445.5	-	-	817.2	4,262.7	54.3	4,451.2
New York									
May 1994	141.3	21.9	2,819.3	1,886.9	144.3	2,031.2	4,850.5	304.8	5,318.5
April 1994	211.1	9.5	4,422.8	1,785.5	116.9	1,902.3	6,325.2	519.4	7,065.1
May 1993	102.2	23.7	2,883.0	-	-	1,149.9	4,032.8	253.9	4,412.6
Pennsylvania									
May 1994	W	48.3	1,947.7	3,073.4	731.5	3,804.9	5,752.6	W	5,923.2
April 1994	166.3	W	2,286.6	3,056.4	384.5	3,450.9	5,737.4	W	6,029.6
May 1993	W	43.3	3,514.7	-	-	1,697.5	5,212.2	W	5,299.9

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										
May 1994	146.1	22.9	3,821.0	11,266.5	2,579.5	13,846.0	17,667.0	9.9	17,845.9	
April 1994	241.3	W	3,808.4	10,984.0	2,436.5	13,420.5	17,228.9	W	17,511.6	
May 1993	106.0	49.7	5,661.6	—	—	9,890.2	15,551.8	17.8	15,725.3	
Florida										
May 1994	15.2	W	851.6	2,794.7	1,089.5	3,864.3	4,715.9	W	4,741.7	
April 1994	12.7	W	728.7	2,815.7	999.3	3,815.0	4,543.7	W	4,566.9	
May 1993	7.5	14.5	950.1	—	—	3,275.6	4,225.7	9.1	4,256.9	
Georgia										
May 1994	W	W	657.6	2,676.9	442.1	3,119.0	3,776.6	—	3,786.5	
April 1994	W	W	607.6	2,674.0	370.2	3,044.2	3,651.8	—	3,665.8	
May 1993	17.2	W	860.0	—	—	2,345.3	3,205.3	W	3,228.5	
North Carolina										
May 1994	50.3	W	726.1	2,132.2	392.4	2,524.6	3,250.7	W	3,303.7	
April 1994	67.4	W	825.4	2,034.9	342.9	2,377.8	3,203.3	W	3,278.5	
May 1993	W	W	1,423.0	—	—	1,550.7	2,973.6	1.3	3,035.7	
South Carolina										
May 1994	W	—	307.1	1,095.9	107.4	1,203.3	1,510.4	W	1,527.6	
April 1994	W	—	297.1	1,060.3	94.8	1,155.1	1,452.2	W	1,479.1	
May 1993	W	—	659.9	—	—	725.2	1,385.1	W	1,395.0	
Virginia										
May 1994	44.6	W	977.7	2,125.6	351.7	2,477.3	3,455.1	W	3,516.1	
April 1994	102.6	15.4	1,099.6	1,971.5	432.5	2,404.0	3,503.5	3.9	3,625.5	
May 1993	18.6	21.6	1,554.5	—	—	1,410.9	2,965.4	3.7	3,009.4	
West Virginia										
May 1994	10.3	W	300.7	441.2	216.4	657.6	958.4	W	970.3	
April 1994	19.5	NA	250.0	427.5	196.9	624.4	874.4	W	895.8	
May 1993	2.4	0.9	214.2	—	—	582.4	796.6	—	799.9	
PAD District II										
May 1994	W	524.1	7,637.3	24,845.8	6,873.1	31,718.9	39,356.2	W	40,265.9	
April 1994	221.0	W	8,168.5	24,166.3	6,698.8	30,865.1	39,033.6	W	40,101.9	
May 1993	108.9	W	15,768.7	—	—	21,904.5	37,673.1	W	38,485.0	
Illinois										
May 1994	W	92.6	1,370.4	2,210.5	582.3	2,792.8	4,163.2	W	4,357.7	
April 1994	W	99.1	1,514.1	2,135.7	586.0	2,721.7	4,235.9	W	4,417.9	
May 1993	8.2	W	2,052.3	—	—	2,774.6	4,826.9	W	4,991.5	
Indiana										
May 1994	W	14.5	985.6	2,578.7	875.1	3,453.8	4,439.4	W	4,537.5	
April 1994	19.6	W	907.8	2,485.1	903.1	3,388.2	4,296.0	W	4,386.0	
May 1993	19.2	W	1,446.8	—	—	2,179.7	3,626.5	W	3,748.9	
Iowa										
May 1994	0.9	11.9	249.2	1,617.2	243.8	1,861.0	2,110.1	—	2,123.0	
April 1994	0.6	12.8	355.1	1,900.1	295.8	2,195.9	2,551.0	—	2,564.4	
May 1993	0.6	11.7	906.5	—	—	1,311.5	2,217.9	—	2,230.3	
Kansas										
May 1994	W	W	224.3	1,418.5	611.8	2,030.3	2,254.6	—	2,265.8	
April 1994	W	W	260.3	1,252.3	609.5	1,861.7	2,122.0	—	2,185.9	
May 1993	W	W	923.8	—	—	984.0	1,907.8	—	1,921.4	
Kentucky										
May 1994	14.5	W	806.9	1,204.8	834.6	2,039.5	2,846.4	W	2,863.2	
April 1994	31.1	W	777.0	1,299.6	699.4	1,999.0	2,776.0	W	2,810.6	
May 1993	8.0	W	837.6	—	—	1,692.6	2,530.2	W	2,553.2	
Michigan										
May 1994	23.6	207.0	751.6	1,810.8	210.4	2,021.2	2,772.8	—	3,003.5	
April 1994	W	191.9	879.2	1,654.3	241.6	1,895.9	2,775.0	W	3,008.7	
May 1993	9.5	172.1	1,654.6	—	—	1,118.1	2,772.7	—	2,954.3	
Minnesota										
May 1994	2.1	46.7	297.9	1,369.1	623.9	1,992.9	2,290.8	—	2,339.6	
April 1994	W	54.4	346.0	1,242.8	649.4	1,892.2	2,238.2	W	2,295.7	
May 1993	W	73.7	1,031.5	—	—	1,171.7	2,203.2	W	2,283.9	
Missouri										
May 1994	4.4	9.3	296.5	2,120.5	236.1	2,356.5	2,653.1	—	2,666.8	
April 1994	4.3	7.3	252.8	2,022.3	203.6	2,225.9	2,478.7	—	2,490.3	
May 1993	2.7	10.8	709.6	—	—	1,707.1	2,416.7	—	2,430.2	

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										
May 1994	W	W	145.6	985.7	459.9	1,425.6	1,571.3	—	1,578.5	
April 1994	W	W	157.2	882.2	417.2	1,299.4	1,458.8	—	1,482.1	
May 1993	—	13.8	441.7	—	—	931.1	1,372.8	—	1,386.6	
North Dakota										
May 1994	W	W	79.6	592.3	332.3	924.6	1,004.2	—	1,007.5	
April 1994	W	W	69.1	422.4	211.2	633.6	702.7	—	708.2	
May 1993	—	2.9	510.7	—	—	369.7	880.4	—	883.3	
Ohio										
May 1994	58.3	W	1,175.5	2,637.7	620.0	3,257.7	4,433.2	W	4,508.5	
April 1994	77.2	W	1,363.2	2,642.6	724.4	3,367.0	4,730.2	W	4,828.3	
May 1993	45.3	W	1,668.6	—	—	2,755.1	4,423.7	W	4,480.5	
Oklahoma										
May 1994	W	W	257.8	1,501.5	379.9	1,881.4	2,139.2	—	2,216.2	
April 1994	W	W	248.2	1,584.8	336.5	1,921.3	2,169.5	—	2,280.6	
May 1993	0.7	68.1	984.1	—	—	1,322.4	2,306.5	—	2,375.4	
South Dakota										
May 1994	W	W	80.0	682.1	49.0	731.1	811.1	—	815.9	
April 1994	W	W	75.0	589.1	35.5	624.6	699.6	—	707.5	
May 1993	—	11.8	360.3	—	—	356.2	716.5	—	728.3	
Tennessee										
May 1994	11.7	W	441.2	2,400.3	583.2	2,983.4	3,424.6	W	3,438.8	
April 1994	W	—	393.9	2,457.7	579.3	3,037.0	3,430.9	W	3,466.5	
May 1993	5.8	W	819.4	—	—	2,397.0	3,216.4	W	3,234.8	
Wisconsin										
May 1994	W	24.1	475.2	1,736.2	230.9	1,967.1	2,442.3	W	2,545.4	
April 1994	W	40.1	569.5	1,595.2	206.6	1,801.8	2,371.3	W	2,489.2	
May 1993	W	W	1,421.2	—	—	833.6	2,254.8	—	2,282.4	
PAD District III										
May 1994	W	69.4	2,922.8	12,101.8	6,397.3	18,499.1	21,421.9	W	21,550.8	
April 1994	109.7	W	2,534.5	12,274.9	7,128.2	19,403.1	21,937.6	W	22,121.8	
May 1993	41.2	W	3,349.7	—	—	16,350.7	19,700.4	W	19,808.0	
Alabama										
May 1994	W	W	377.9	1,171.8	336.6	1,508.4	1,886.3	—	1,891.3	
April 1994	8.5	—	396.0	1,161.0	370.9	1,532.0	1,928.0	—	1,936.4	
May 1993	6.9	6.8	W	—	—	W	1,850.7	—	1,864.3	
Arkansas										
May 1994	W	W	116.9	1,295.9	758.8	2,054.7	2,171.6	—	2,194.8	
April 1994	W	W	133.8	1,234.2	958.5	2,192.7	2,326.5	—	2,360.9	
May 1993	W	W	162.7	—	—	1,814.4	1,977.1	—	1,985.8	
Louisiana										
May 1994	W	W	333.8	1,638.7	1,930.6	3,569.3	3,903.2	—	3,913.3	
April 1994	W	W	288.7	1,577.0	2,203.7	3,780.7	4,069.4	—	4,117.3	
May 1993	W	W	359.2	—	—	3,462.3	3,821.5	—	3,844.0	
Mississippi										
May 1994	W	—	W	1,086.0	586.0	1,672.0	1,783.9	W	1,786.5	
April 1994	W	—	W	992.1	654.0	1,646.0	1,748.2	W	1,751.5	
May 1993	1.9	W	644.8	—	—	1,226.1	1,870.9	W	1,877.8	
New Mexico										
May 1994	W	3.7	W	783.5	20.7	784.3	787.5	—	791.3	
April 1994	W	3.8	W	749.0	34.8	783.8	787.5	—	792.4	
May 1993	W	W	W	—	—	W	971.9	—	973.4	
Texas										
May 1994	18.7	65.4	1,979.1	6,145.8	2,764.6	8,910.4	10,889.5	—	10,973.5	
April 1994	16.0	69.2	1,610.2	6,561.6	2,906.3	9,467.9	11,078.1	—	11,163.2	
May 1993	12.2	42.2	1,717.5	—	—	7,490.8	9,208.3	—	9,262.7	
PAD District IV										
May 1994	5.5	63.4	99.5	3,476.9	1,003.9	4,480.7	4,580.3	—	4,649.1	
April 1994	7.3	81.7	122.7	3,493.0	1,079.2	4,572.2	4,694.8	—	4,783.8	
May 1993	1.0	W	959.0	—	—	3,683.5	4,642.6	W	4,701.9	
Colorado										
May 1994	W	W	60.9	981.3	324.1	1,305.4	1,366.3	—	1,406.0	
April 1994	W	W	80.9	996.4	318.5	1,314.9	1,395.8	—	1,448.9	
May 1993	W	W	489.4	—	—	926.5	1,415.9	—	1,444.0	

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate					No. 4 Fuel ^a	Total Distillate and Kerosene
			No. 2 Fuel Oil	No. 2 Diesel Fuel			No. 2 Distillate		
				Low-Sulfur	High-Sulfur	Total			
Idaho									
May 1994	W	10.3	W	331.3	247.3	578.6	581.7	—	592.4
April 1994	W	5.2	W	363.9	279.7	643.6	647.8	—	653.7
May 1993	—	11.3	W	—	—	W	624.1	—	635.5
Montana									
May 1994	W	7.3	W	W	W	724.0	725.8	—	733.9
April 1994	W	12.0	W	W	W	723.9	724.5	—	737.6
May 1993	—	7.6	W	—	—	W	644.4	—	651.9
Utah									
May 1994	W	2.4	W	638.9	225.1	864.0	893.4	—	896.5
April 1994	W	W	W	642.2	295.5	937.7	970.8	—	975.7
May 1993	W	3.6	124.8	—	—	887.3	1,012.1	W	1,019.2
Wyoming									
May 1994	—	W	W	W	W	1,008.8	1,013.0	—	1,020.4
April 1994	W	11.0	W	W	W	952.0	956.0	—	967.9
May 1993	—	5.3	50.0	—	—	896.1	946.1	—	951.3
PAD District V									
May 1994	13.8	78.1	320.4	11,353.5	4,693.1	16,046.6	16,367.0	10.5	16,469.4
April 1994	18.6	98.3	391.7	10,985.4	5,013.7	15,999.2	16,390.8	27.8	16,535.5
May 1993	8.1	W	887.6	—	—	15,722.6	16,610.2	W	16,871.7
Alaska									
May 1994	—	W	282.6	46.2	375.2	421.4	703.9	W	773.4
April 1994	—	W	323.6	33.8	517.5	551.3	874.8	W	970.0
May 1993	—	126.9	313.4	—	—	W	W	W	798.2
Arizona									
May 1994	W	—	W	1,077.1	280.3	1,357.4	1,357.6	—	1,357.8
April 1994	W	W	W	1,084.8	255.5	1,340.3	1,340.6	—	1,341.3
May 1993	—	W	W	—	—	1,232.5	W	—	1,232.9
California									
May 1994	6.2	W	—	6,927.6	1,575.2	8,502.9	8,502.9	W	8,517.2
April 1994	12.4	W	W	6,530.5	1,639.2	8,169.7	8,174.4	W	8,197.7
May 1993	3.8	W	W	—	—	W	8,888.3	W	8,927.6
Hawaii									
May 1994	—	—	W	128.5	411.2	539.8	544.5	—	544.5
April 1994	—	—	W	132.8	320.6	453.4	457.7	—	457.7
May 1993	—	W	W	—	—	518.5	W	—	546.5
Nevada									
May 1994	—	W	—	561.7	87.6	649.3	649.3	W	653.6
April 1994	—	W	—	558.1	85.6	643.7	643.7	W	646.5
May 1993	—	1.3	W	—	—	W	661.9	—	663.2
Oregon									
May 1994	W	1.8	W	1,140.2	648.8	1,789.0	1,793.1	—	1,796.2
April 1994	W	2.6	W	1,201.0	783.9	1,984.9	1,993.2	—	1,998.0
May 1993	W	W	203.9	—	—	1,733.2	1,937.1	—	1,945.6
Washington									
May 1994	6.2	W	28.7	1,472.3	1,314.7	2,787.0	2,815.8	W	2,826.8
April 1994	3.6	14.4	50.4	1,444.5	1,411.4	2,855.9	2,906.3	—	2,924.3
May 1993	W	32.9	344.0	—	—	2,378.1	2,722.1	W	2,757.8

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

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

Explanatory Notes

Explanatory Notes

The EIA-782 Survey

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*

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

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

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

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

and,

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

W_i = the weight for company i . For resellers/re-tailers 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:

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

where t = reference month.

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

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

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
				Montana ⁴	24.00	24.75	24.00
Alabama ⁴	18.00	19.00	18.00	Nebraska	26.60	26.20	26.60
Alaska	8.00	8.00	8.00	Nevada ⁴	23.60	27.60	23.60
Arizona	18.00	18.00	18.00	New Hampshire	18.80	18.80	18.80
Arkansas	18.70	18.70	18.70	New Jersey	14.50	17.50	14.50
California ^{3,4}	18.70	18.70	18.70	New Mexico ⁴	23.00	19.00	23.00
Colorado	27.00	20.50	22.00	New York ^{3,4}	22.89	24.89	22.89
Connecticut ³	30.00	18.00	29.00	North Carolina	22.75	22.75	22.75
Delaware	22.00	19.00	22.00	North Dakota	18.03	18.03	18.03
District of Columbia ³ . .	20.00	20.00	20.00	Ohio	22.00	22.00	22.00
Florida ⁴	12.10	12.10	12.10	Oklahoma	17.00	14.00	17.00
Georgia ^{3,4}	7.70	7.70	7.70	Oregon ⁴	24.00	24.00	24.00
Hawaii ^{3,4}	16.00	16.00	16.00	Pennsylvania	22.35	22.35	22.35
Idaho	22.00	22.00	22.00	Rhode Island	28.00	28.00	28.00
Illinois ^{3,4}	19.30	21.80	19.30	South Carolina ⁴	16.75	16.75	16.75
Indiana ³	15.80	16.80	15.80	South Dakota	20.00	20.00	18.00
Iowa ³	20.00	22.50	19.00	Tennessee	21.40	18.40	21.40
Kansas	18.02	20.02	18.02	Texas	20.00	20.00	20.00
Kentucky	15.40	12.40	15.40	Utah	19.50	19.50	19.50
Louisiana ³	20.03	20.03	20.03	Vermont	16.00	17.00	16.00
Maine	19.00	20.00	19.00	Virginia ³	17.70	16.20	17.70
Maryland	23.50	24.25	23.50	Washington ⁴	23.12	23.12	19.44
Massachusetts	21.00	21.00	21.00	West Virginia ³	20.50	20.50	20.50
Michigan ³	15.88	15.88	15.88	Wisconsin	26.20	26.20	26.20
Minnesota ³	20.00	20.00	20.00	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	.8	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	19.58	19.58	.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	16.03	16.00	.03
December	14.93	14.94	-.01

¹ "Domestic Crude Oil First Purchase Report"

Sources: Preliminary data are from Table 1 of the *Petroleum Marketing Monthly* for each respective month. Final data are from Table 1 of the *Petroleum Marketing Annual*, 1992.

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

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

¹ "Monthly Foreign Crude Oil Acquisition Report"

Sources: Preliminary data are from Table 1 of the *Petroleum Marketing Monthly* for each respective month. Final data are from Table 1 of the *Petroleum Marketing Annual*, 1992.

Product Guide

Product Guide

Category	Table	
	Prices	Volumes
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

AIM

Association for Information and Image Management

1100 Wayne Avenue, Suite 1100
Silver Spring, Maryland 20910
301/587-8202

Centimeter

Inches

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BY APPLIED IMAGE, INC.

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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 antiknock 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 antiknock 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

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.

Demand, Supply, and Price Outlook for Reformulated Motor Gasoline 1995	August 1994
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
Summer 1993 Motor Gasoline Outlook	May 1993
Economics of Energy Futures Markets	September 1991
Economics of Gasoline Pool Octane Growth	March 1990
A Comparison of Selected EIA-782 Data with Other Data Sources	August 1989
The Introduction of Unleaded Midgrade Gasoline	April 1989
A Review of <i>Valdez</i> Oil Spill Market Impacts	March 1989
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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