Petroleum Marketing Monthly

January 1996

With Data for October 1995

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

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the Department of Energy. The information contained herein should not be construed as advocating or reflecting any policy position of the Department of Energy or of any other organization.

MASTER

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

60

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
Internet E-Mail: criner@eia.doe.gov

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

- Charles W. Riner (202) 586-6610
Internet E-Mail: criner@eia.doe.gov

- Kenneth Platto (202) 586-6364
Internet E-Mail: kplatto@eia.doe.gov

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

- Lamar Gowland (202) 586-6608
Internet E-Mail: lgowland@eia.doe.gov
- Elizabeth Scott (202) 586-1258
Internet E-Mail: escott@eia.doe.gov

For tables referencing the EIA-182:

- Alan Griffith (202) 586-7225
Internet E-Mail: agriffit@eia.doe.gov

DISCLAIMER

Portions of this document may be illegible in electronic image products. Images are produced from the best available original document.

Electronic Publishing System (EPUB)

User Instructions

EPUB is an electronic publishing system maintained by the Energy Information Administration (EIA) of the U.S. Department of Energy. EPUB allows the general public to electronically access selected energy data from many of EIA's statistical reports. The system is a menu-driven, bulletin board type system with extensive online help capabilities that can be accessed free-of-charge 24 hours a day by using a terminal or PC with an asynchronous modem. (EPUB will be taken down briefly at midnight for backup.)

PC users must provide the following information to their communications software in order to successfully access the EPUB system.

Communications Parameters:

Baud Rate: Up to 28,800 bps
Data Bits: 8; Stop Bits: 1
Parity: None; Duplex: Full
Terminal Type: ANSI, ANSI-BBS, VT100, etc.

Once your communications software and/or hardware has been configured, EPUB can be accessed by dialing (202) 586-2557. When a connection to the system has been made, some users may find that the menu-driven instructions and the online help capabilities will provide enough information to effectively use EPUB. More extensive information may be obtained from:

National Energy Information Center, EI-231
Energy Information Administration
Forrestal Building, Room 1F-048
Washington, DC 20585
(202) 586-8800
Internet E-Mail: INFOCTR@EIA.DOE.GOV
TTY: For people who are deaf or hard of hearing:
(202) 586-1181
Hours: 9 a.m. to 5 p.m., M-F, eastern time

For **communications** or **technical assistance**, call (202) 586-8959, 8 a.m. to 5 p.m. eastern time, Monday through Friday.

For **questions about the content of EPUB reports and/or data**, call (202) 586-8800, 9 a.m. to 5 p.m. eastern time, Monday through Friday.

Following is a list of some of the data and reports that are provided on EPUB:

- Heating fuel data (April through September)
Updated the 2nd week of the month.
- Oxygenate data
Updated approximately the 25th of the month.
- *Weekly Petroleum Status Report*
Updated on Wednesdays (Thursdays in the event of a holiday) at 9 a.m.
- *Petroleum Supply Monthly*
Updated between the 23rd and 26th of the month.
- *Petroleum Marketing Monthly*
Updated on the 20th of the month.
- *Natural Gas Monthly*
Updated on the 20th of the month.
- *Weekly Coal Production*
Updated on Fridays by noon.
- *Quarterly Coal Report*
Updated 40 days after the end of the quarter.
- *Electric Power Monthly*
Updated during the first week of the month.
- *Monthly Energy Review*
Updated the last week of the month.
- *Short-Term Energy Outlook*
Updated 60 days after the end of the quarter.
- *Winter Fuels Report* (October through April)
Propane inventory data updated Wednesdays at 5 p.m. All other data updated Thursdays (Friday in event of a holiday) at 5 p.m.

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.
- Led gasoline is a component of averages and totals prior to October 1993.
- 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).

Contents

Feature Article	xi
<i>1995 RFG Market Affected Refiners Differently</i>	xiii
Highlights	xxxiii
Summary Statistics	1
Crude Oil Prices	39
Prices of Petroleum Products	55
Volumes of Petroleum Products	113
Prime Supplier Sales Volumes of Petroleum Products for Local Consumption	139
Explanatory Notes	157
Product Guide	175
Glossary	179
List of Articles	187

Tables

Summary Statistics

1.	Crude Oil Prices	2
2.	U.S. Refiner Prices of Petroleum Products to End Users	4
3.	U.S. Refiner Volumes of Petroleum Products to End Users	6
4.	U.S. Refiner Prices of Petroleum Products for Resale	8
5.	U.S. Refiner Volumes of Petroleum Products for Resale	10
6.	U.S. Refiner Motor Gasoline Prices by Grade and Sales Type	12
7.	U.S. Refiner Motor Gasoline Volumes by Grade and Sales Type	14
8.	U.S. Refiner Conventional Motor Gasoline Prices by Grade and Sales Type	16
9.	U.S. Refiner Conventional Motor Gasoline Volumes by Grade and Sales Type	18
10.	U.S. Refiner Oxygenated Motor Gasoline Prices by Grade and Sales Type	20
11.	U.S. Refiner Oxygenated Motor Gasoline Volumes by Grade and Sales Type	22
12.	U.S. Refiner Reformulated Motor Gasoline Prices by Grade and Sales Type	24
13.	U.S. Refiner Reformulated Motor Gasoline Volumes by Grade and Sales Type	26
14.	U.S. Propane (Consumer Grade) Prices by Sales Type	28
15.	U.S. No. 2 Distillate Prices by Sales Type	29
16.	U.S. No. 2 Diesel Fuel Prices by Sales Type	30
17.	U.S. No. 2 Diesel Fuel Prices by Sulfur Content and Sales Type	31
18.	Prices of No. 2 Distillate to Residences by PAD District and Selected States	32
19.	U.S. Refiner Residual Fuel Oil Prices.	36
20.	U.S. Refiner Residual Fuel Oil Volumes	38

Crude Oil Prices

21.	Domestic Crude Oil First Purchase Prices.	41
22.	Domestic Crude Oil First Purchase Prices for Selected Crude Streams	44
23.	Domestic Crude Oil First Purchase Prices by API Gravity	45
24.	F.O.B. Costs of Imported Crude Oil by Selected Country	46
25.	Landed Costs of Imported Crude Oil by Selected Country	47
26.	F.O.B. Costs of Imported Crude Oil by API Gravity	48
27.	Landed Costs of Imported Crude Oil by API Gravity	49
28.	Percentages of Total Imported Crude Oil by API Gravity	50
29.	F.O.B. Costs of Imported Crude Oil for Selected Crude Streams	51
30.	Landed Costs of Imported Crude Oil for Selected Crude Streams	53

Prices of Petroleum Products

31.	Motor Gasoline Prices by Grade, Sales Type, PAD District, and State	56
32.	Conventional Motor Gasoline Prices by Grade, Sales Type, PAD District, and State	64
33.	Oxygenated Motor Gasoline Prices by Grade, Sales Type, PAD District, and State	72
34.	Reformulated Motor Gasoline Prices by Grade, Sales Type, PAD District, and State	80
35.	Refiner Motor Gasoline Prices by Grade, Sales Type, PAD District and State	88
36.	Refiner Prices of Aviation Fuels and Kerosene by PAD District and State	92
37.	Refiner Prices of Distillate Fuels by PAD District and State	96
38.	Propane (Consumer Grade) Prices by Sales Type and PAD District	100
39.	No. 2 Distillate Prices by Sales Type, PAD District, and Selected States	101
40.	No. 2 Diesel Fuel Prices by Sales Type, PAD District, and Selected States	104
41.	No. 2 Diesel Fuel Prices by Sulfur Content, Sales Type, and PAD District	107
42.	Residual Fuel Oil Prices by PAD District and State	108

Volumes of Petroleum Products

43.	Refiner Motor Gasoline Volumes by Grade, Sales Type, PAD District, and State	114
44.	Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State	122
45.	Refiner Volumes of Aviation Fuels, Kerosene, No. 1 Distillate, and Propane by PAD District and State	130
46.	Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes by PAD District and State	134
47.	Refiner Residual Fuel Oil and No. 4 Fuel Volumes by PAD District	138

Prime Supplier Sales Volumes of Petroleum Products for Local Consumption

48.	Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State	140
49.	Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State	148
50.	Prime Supplier Sales Volumes of Distillate Fuel Oils and Kerosene by PAD District and State	152

Figures

1.	Crude Oil Prices	3
2.	U.S. Refiner Retail Petroleum Product Prices	5
3.	U.S. Refiner Retail Petroleum Product Volumes	7
4.	U.S. Refiner Wholesale Petroleum Product Prices	9
5.	U.S. Refiner Wholesale Petroleum Product Volumes	11
6.	U.S. No. 2 Distillate Prices to Residences by PAD District	35
7.	U.S. Refiner Residual Fuel Oil Prices and Volumes	37

Feature Article

- ***1995 Reformulated Gasoline
Market Affected Refiners
Differently***

1995 Reformulated Gasoline Market Affected Refiners Differently

by John Zyren, Charles Dale and Charles Riner

Introduction

The United States has completed its first summer driving season using reformulated gasoline (RFG). Motorists noticed price increases at the retail level, resulting from the increased cost to produce and deliver the product, as well as from the tight supply/demand balance during the summer. This article focuses on the costs of producing RFG as experienced by different types of refiners and on how these refiners fared this past summer, given the prices for RFG at the refinery gate.

RFG Regulatory Requirements

The use of RFG is a result of the Clean Air Act Amendments of 1990 (CAAA). The CAAA cover a wide range of programs aimed at improving air quality, including a program to reduce emissions from automobiles, through the use of (a) oxygenated fuels targeting carbon monoxide emissions and (b) RFG targeting ozone and toxic pollutants. Use of RFG was required in 9 areas rated as being in severe or extreme non-attainment. Other less severe areas were allowed to choose to be in (opt into) the program. The major areas using RFG this past year were in the Northeast, the Midwest (around Chicago and Milwaukee), and Southern California.

The RFG program is being implemented in two phases, each of which contains both *prescriptive* and *performance* standards. Industry preferred performance standards, where possible, to allow some flexibility in how companies could meet the standard. The two phases target different levels of emissions reduction.

As shown in Figure FE1, Phase I targets reducing hydrocarbon emissions¹ by 15 percent during the high ozone season (summer), and reducing toxic emissions by 15 percent, or requiring fuel performance to meet the standards of a formula fuel, whichever produces the greatest reduction. In addition, Phase I requires that nitrogen oxides (NOx) not increase. Phase II has a more aggressive goal than Phase I, targeting 20 to 25 percent volatile organic compound (VOC) and toxic emission reductions. The non-performance or prescriptive requirements under both Phase I and II are shown in Figure FE2.

Phase I began in December of 1994 at the wholesale level of distribution, and was in place by January 1995 at the retail level. Within Phase I, there are two means of compliance: the simple model and the complex model. Currently, refiners are complying under what is called the "simple model," which EPA established at the end of 1991 to meet the requirements of the legislation. This "simple model" formed the guidelines for refiners from data available at that time relating fuel parameters (oxygen content, Reid vapor pressure (RVP), benzene, aromatics²) to emissions.

¹ Total car volatile organic compound emissions include evaporative emissions, exhaust emissions, and refueling emissions. EPA estimated that in 1990, evaporative emissions accounted for about 32 percent of the VOC emissions, exhaust emissions made up 64 percent, and refueling produced the remaining 4 percent. (Reference 1)

² The impact of aromatics on NOx and VOC emissions was not well understood when the simple model was developed. It was believed that aromatics would be adequately controlled through the role they play in toxic emissions. Thus, no separate maximum or cap was established for aromatics. Data is now available to quantify the effects of RVP, oxygen, benzene, aromatics, sulfur, T90, olefins, and T50. These effects have been incorporated into the complex model.

Figure FE1. Summary of RFG Performance Standards, Phase I

CAAA Legislation 1995 RFG Performance Standards
Phase I <ul style="list-style-type: none"> • No increase in NOx emissions <i>and whichever is more stringent:</i> <ul style="list-style-type: none"> • 15 percent reduction in total car VOC emissions • 15 percent reduction in toxic emissions <i>or</i> <ul style="list-style-type: none"> • Performance of formula fuel (described in legislation)
Phase II <ul style="list-style-type: none"> • No increase in NOx emissions <i>and whichever is more stringent:</i> <ul style="list-style-type: none"> • 25 percent reduction in total car VOC emissions • 25 percent reduction in toxic emissions • EPA granted latitude to consider <ul style="list-style-type: none"> - technological feasibility - cost • 20 percent minimum for both VOC and toxics <i>or</i> <ul style="list-style-type: none"> • Performance of formula fuel (described in legislation)

Other parameters such as sulfur, T90,³ and olefins were capped at a refiner's 1990 baseline level to keep from having these parameters undercut achievements in emissions reduction from parameters being controlled in the simple model. The simple model can be used by refiners until January 1998, when the "complex model" must then be used to meet Phase I standards. (EPA issued the complex model performance standard early in 1994.)

³ The T90 point is the temperature at which 90 percent of the material is vaporized or distilled. Similarly, T50 is the temperature at which 50 percent of the material is distilled.

Figure FE2. Summary of RFG Prescriptive Standards, Phases I and II

CAAA Legislation 1995 RFG Performance Standards, Phases I and II
<ul style="list-style-type: none"> • 2.0 weight percent oxygen minimum • 1.0 volume percent benzene maximum • No heavy metals • Detergents

Phase II begins in the year 2000. During Phase II, refiners will certify RFG according to the Phase II standards using the complex model.

This article concentrates on the economics of complying with the simple model under Phase I. Table FE1 shows the RFG compliance strategies under the simple model. Refiners were given a choice of meeting requirements on an individual barrel basis, or on an average basis. As shown in Table FE1, to comply with the VOC control requirements of the CAAA, oxygen content and RVP are controlled. The simple model formula for toxics emissions is a function of fuel benzene, fuel aromatics, RVP, type of oxygenate, and oxygen content.

In addition, the regulations stipulate that for conventional gasoline:

- benzene content cannot exceed the refinery's 1990 baseline level;
- sulfur, T90 and olefins must be capped at 1.25 times a refinery's 1990 level.

The intention of these requirements is to prevent "dumping" undesirable products, such as benzene and aromatics that will be removed from RFG, into conventional gasoline.

With these guidelines, refiners determined what needed to be done to their refineries and/or crude charges to meet the specifications.

Table FE1. Simple Model Compliance

Objective	Approach	Averaging Standards	Per-Gallon Standards
Oxygen content	Minimum oxygen content	2.1 weight % minimum	2.0 weight % minimum
Benzene content	Maximum benzene	0.95 volume % maximum	1.0 volume % maximum
VOC	Maximum RVP specification	PSI cap Control region 1 7.1 Control region 2 8.0	PSI cap Control region 1 7.2 Control region 2 8.1
	Minimum oxygen content	2.1 weight % minimum	2.0 weight % minimum
NOx	Limit oxygen content	Cap 4.0 weight % winter 2.7 weight % summer	Cap 4.0 weight % winter 2.7 weight % summer
Toxics	Model	16.5% reduction	15.0% reduction
Sulfur		less than or equal to 1990 baseline level	less than or equal to 1990 baseline level
Olefins		less than or equal to 1990 baseline level	less than or equal to 1990 baseline level
T-90 specification		less than or equal to 1990 baseline level	less than or equal to 1990 baseline level

Source: Environmental Protection Agency, Regulation of Fuels and Fuel Additives; Standards for Reformulated and Conventional Gasoline; Final and Direct Rules, 40 CFR Part 80.

Refinery Process and Cost Impacts to Produce RFG

Refinery Processing Impacts of RFG Production

The processing patterns of U.S. refineries had to be changed to meet the "simple formula" gasoline product requirement of RFG in 1995 and the anti-dumping requirements for conventional gasoline as outlined in the prior section. The refinery operating and processing changes were made to meet three key specification changes:

- adding oxygenates to meet oxygen content requirement
- reducing RVP by removing butane from gasoline blends
- reducing benzene by a variety of process routes.

The oxygenate requirement is met by refinery production of the oxygenates methyl tertiary-butyl ether (MTBE), ethyl tertiary-butyl ether (ETBE) or tertiary amyl methyl ether (TAME) and by purchasing oxygenates, including ethanol, from merchant producers. Oxygenate addition represents a significant part of RFG's higher production cost since spot-market oxygenates have been priced 15 to 45 cents per gallon above regular gasoline at the refinery gate during 1995, and contract oxygenate prices have run considerably higher.

Reducing benzene to meet both the 1 percent maximum benzene content and the toxic standard of 15-percent reduction in exhaust benzene has been the most challenging processing problem for many refiners. Alternative processing routes to reducing benzene have been well described in a number of technical articles (References 2 through 5).

Benzene in the gasoline blending pool comes almost entirely from two components: reformat (product

output from the reforming unit⁴) and fluid catalytic cracking⁵ (FCC) gasoline. The FCC gasoline generally contains 0.5 to 0.8 volume percent benzene, which is within the 1 percent constraint. If a problem exists, the source of the high benzene will be the reformate component. Reformate historically represented about 35 percent of the gasoline pool (References 6,7), and when a refinery runs a moderately high benzene crude and includes the C6's⁶ in the reformer charge, as was customary in pre-RFG days, the benzene content of the reformate would be 7 to 8 percent.

The refiner has two means of reducing reformate benzene. The first is to reduce reformate benzene production by eliminating the C6 cyclics (benzene and the benzene precursors methylcyclopentane and cyclohexane) from the reformer feed (naphtha). This is accomplished by pre-fractionating the naphtha (Figure FE3a). This pre-fractionated, light-straight-run stream that contains C5's and C6's can be blended directly into gasoline or can be isomerized. Isomerization⁷ will both increase the stream's octane value and eliminate the benzene. The benzene and benzene precursors can also be reduced by switching to a crude oil that contains lower levels of C6 cyclics. Crude switching, however, is not always practical for refiners because of the limitation of their processing facilities.

The alternative route to meeting the benzene limit is either to remove or to convert the benzene in the reformate product. As shown in Figure FE3b, a light reformate containing benzene is separated by fractionation and then extracted to produce a salable chemical feedstock, or converted by hydrogen saturation or alkylation⁸ to a gasoline blending component or petrochemical product.

Perspectives on Cost to Produce RFG⁹

There is no single cost per gallon for producing RFG, either on an absolute basis or relative to producing conventional gasoline. The cost per gallon varies for a number of reasons. The first is that the RFG cost per gallon increases as the percent of RFG in a refinery's total gasoline production increases. When RFG production is only 20 percent of total, a refiner has much greater latitude to shift components between RFG and conventional gasoline to meet the stricter RFG specifications and also to meet the anti-dumping requirements for conventional gasoline. At 50 percent RFG production, the refiner running a moderately high benzene crude will not be able to just shift components, but will need to be operating with one of the options of Figure FE3. Some refiners had to invest in additional processing facilities to accommodate this requirement.

Switching to a crude with lower C6 cyclics content may seem an easier and lower-cost solution than investment for a refiner faced with producing RFG, but refiners have limitations on the range of crudes they can process. For example, many refiners located in and serving the East Coast (PADD I refiners) have historically run West African and North Sea crudes with low sulfur and low bottoms contents.¹⁰ These crudes also have fairly high C6 cyclics content. Large volume crudes with low C6 cyclic contents are Middle Eastern crudes, but Middle Eastern crudes have high sulfur and intermediate to high bottoms content. The high sulfur, high bottoms crudes cannot be run by the PADD I refiners having equipment sized to run West African/North Sea sweet crudes. PADD III refiners (i.e., Gulf Coast refiners), on the other hand, tend to run high sulfur, higher bottoms crudes.¹¹ They potentially have more flexibility to

⁴ Catalytic reforming is a refining process using controlled heat and pressure with catalysts to rearrange certain hydrocarbon molecules, thereby converting paraffinic and naphthenic type hydrocarbons into a product having higher aromatic content and a higher octane number. The output is suitable for blending into finished gasoline or for use as a petrochemical feedstock.

⁵ Catalytic cracking is the refining process of breaking down the larger, heavier, and more complex hydrocarbon molecules into simpler and lighter molecules. Since much of the output falls in the boiling range of gasoline, it is an effective process to increase gasoline yields.

⁶ The short-hand abbreviation of C5 or C6 means any hydrocarbon molecule containing 5 carbon atoms or 6 carbon atoms respectively.

⁷ Isomerization is a process that alters the fundamental arrangement of atoms in a molecule.

⁸ Alkylation is a process that combines light olefins from catalytic cracking that are too low in boiling point to add to gasoline blends into larger, branched, paraffin molecules. The final product, alkylate, is blended into gasoline.

⁹ Unless stated otherwise, all costs are in current dollars.

¹⁰ Bottoms content refers to the heavy material in crude oil that boils above 1000 degrees F. The amount of this material in a barrel of crude varies across different crude types, and it is difficult to upgrade into gasoline or distillate.

¹¹ A Gulf Coast refinery running high-sulfur, high-bottoms crudes would be configured differently than an East Coast refiner running light sweet crudes. For example, it would probably have more hydrotreating and coking capability than would be required by an East Coast refinery running light, sweet crudes.

Figure FE3. Reformate Benzene Reduction

a) Options For Treating Reformer Input

b) Options For Treating Reformer Output

Source: Ragsdale (Reference 2); Keeson, et al. (Reference 3).

Model Used For Cost Analysis

The analysis used a new single-refinery linear programming model. This PC model was created to analyze changes that are impacting the industry in the 1990's due to requirements to produce new reformulated fuels. The model represents crude-specific quality and yield variations of the unit streams. These stream properties are required to adequately gauge yield and cost impacts of reformulated fuels. The data base for this model contains:

- information to simulate both simple and complex refineries
- crude data for 6 crudes chosen to cover the range of crude types used by U.S. refineries
- updated cost information
- additional narrow "swing" cuts on the atmospheric vacuum unit (AVU) to reflect AVU distillation variations.

switch than the PADD I refiners, but they still have some limitations. The refiners who can move to a crude slate with lower C6 cyclic content will experience higher costs due to lower reformate yields and lower gasoline production per barrel of crude charge. Also, for refiners that can switch, moving to a lower C6 cyclic crude slate will probably not be adequate to solve the benzene problem if they are producing a high percentage of RFG.

In summary, the specifications for RFG, the anti-dumping requirements for conventional gasoline, and the crude choice limitations posed by sulfur handling and downstream unit capacities have combined to leave no practical options for some refiners other than to make additional process equipment investment.

Over the past few years, many estimates of the additional cost to produce RFG have been developed that vary considerably. The most frequently cited cost for RFG production is the 1993 National Petroleum Council (NPC) study, which estimated a range of 3.0 to 7.0 cents per gallon for the increased cost to pro-

duce, deliver, and use RFG (Reference 8). In addition to the refining cost, the NPC estimated that the consumer would be impacted by increases for RFG over conventional gasoline of 2.6 cents per gallon for the cost of stationary source control, 2.5 cents per gallon for added logistics and marketing costs, and 2.5 cents per gallon for lower fuel economy. In 1994, the Energy Information Administration (EIA) combined market estimation techniques with production cost information from other sources to show a 3.9 cents-per-gallon cost increase for RFG in the summer and a 3.5 cents-per-gallon premium in the winter (Reference 9). The EIA's *Annual Energy Outlook* for 1995 estimated an RFG price premium of 4 to 6 cents per gallon over conventional gasoline sold in the Northeast (Reference 10). A "National Petroleum News" article (Reference 11) cited a Cambridge Energy Research Associates estimate that refiners' average, increased cost for producing RFG would be 11.4 cents per gallon. That 11.4 cents per gallon was broken down as 5.7 cents per gallon increased production cost plus 3.2 cents per gallon representing a 15 percent return on new facility investment plus 2.5 cents per gallon for purchased oxygenate in excess of refinery production. Seymour (Reference 12) developed an estimate based on both a review of other estimates and his own analysis and produced an estimated range of 8.2 to 11 cents per gallon for RFG production.

There are several reasons for the variation in estimates. One reason is that the cost impact of RFG production increases with the percent RFG produced. Also, cost impacts depend on the types of crudes the refinery can run and the types of process facilities in the refinery before RFG production preparations began around 1990. Another reason for variation in cost estimates is that the bases against which RFG production costs are compared are not always the same. The 1993 NPC study based its 1995 RFG production cost comparison against the cost to produce only conventional gasoline. This seems an appropriate basis, but is not the basis used in other comparisons. Differences in RFG cost estimates also occur because of the variation among analyses in the data used for process yields and qualities, and more particularly, for operating and investment costs.

Variations in cost estimates also can result from the refinery modeling methodology used. Some estimates are made using regional aggregate refineries that represent the sum of the individual units in all refineries in the region as one composite refinery. It

Figure FE4. 1995 Cost of Producing Reformulated Gasoline vs. Conventional-PADD III Sour Crude Refinery (MTBE @ \$1.07)

Source: Estimates derived from EIA Refinery Model analysis.

is well known by experienced refinery modelers that these aggregate refineries result in some level of *overoptimization* compared to summing together the cost effects on the collection of individual refineries, each of which has less equipment flexibility and greater crude usage limitations than the composite refinery. The concern about overoptimization (or cost underestimation) is heightened when analyzing RFG production because the increase in number of products and addition of more rigid and more numerous gasoline product specifications can produce obstacles an individual refinery must rectify, often with added equipment investment. By contrast, an aggregate refinery with some isomerization capacity, some aromatic extraction capacity, an ability to handle both the sour crudes with low C6 cyclic content as well as the sweet crudes with high C6 cyclic content may well be able to meet the stricter specifications at lower to mid-RFG production levels with no investment requirements, indicating a deceptively low cost for RFG production.

Comparison of Prices and Estimated Production Cost

This study analyzed the added cost of producing RFG gasoline in 1995 for East Coast and Gulf Coast refiners over their costs to produce only conventional gasoline (see Model sidebar). The analysis demonstrates how producing RFG impacts refiners in these areas differently. Refinery-related factors that affect RFG production costs are the:

- volume percent of RFG the refinery must produce to meet its market demand
- type of crudes the refinery can run and to which it has access
- type of processing facilities available in the refinery.

Figure FE5. 1995 Cost of Producing Reformulated Gasoline vs. Conventional-PADD I Sweet Crude Refinery (MTBE @ \$1.07)

Source: Estimates derived from EIA Refinery Model analysis.

The key RFG product specifications that drive a refiner's costs are:

- adding the required oxygenate to increase oxygen content
- removing butane to meet reduced RVP requirements
- meeting the benzene specification on RFG.

The anti-dumping part of the regulation also requires that the benzene and aromatics in conventional gasoline (as defined by EXHAUST BENZENE equation in the simple model) do not increase over that produced by a refinery in its base year.

Some RFG-producing PADD III refiners using crudes low in C6 cyclics only experienced cost increases resulting from the increase in oxygenate and the decrease in RVP requirements. (The benzene requirement did not affect their costs.) That is, while some operational changes were made, these refiners did not have to invest in new processing equipment.

Figure FE4 shows 1995 costs for a typical PADD III refinery running moderate to heavy high-sulfur crude with C6 cyclic contents in the lower range. The refinery was equipped like many PADD III refineries that run sour crudes, including: reforming, FCC, alkylation, coking, and hydrotreating for all distillation streams except the vacuum tower bottoms. When this refinery is producing only conventional gasoline, its gasoline pool is below 1-percent benzene, and a small amount of MTBE is added to enhance the octane value. Across the whole range of RFG production, meeting the 15-percent toxics reduction and the consequent benzene and aromatic content limits requires no additional changes in reformer pre-fractionation or in post-reformer, reformat fractionation processing.

In the lower RFG production percent portion of the cost curve shown in Figure FE4, the cost to produce a marginal barrel of RFG over conventional is below 5 cents per gallon. When operating in this portion of the curve, the addition of oxygenate to meet the oxygen content requirements also provides some ad-

Figure FE6. RFG Cost Sensitivity To MTBE-Sweet Crude PADD I Refinery Marginal Cost of Producing Reformulated Gasoline vs. Conventional

Source: Estimates derived from EIA Refinery Model analysis.

ditional octane to the gasoline pool, permitting reduction in reformer severity. Reducing reformer severity provides higher yields and lower reformate costs, thus canceling, to some degree, the increased cost of adding the oxygenate. When operating above 35 percent RFG, the cost to produce RFG can run over 5 cents per gallon for the *marginal barrel* of product. This cost increase results from limits placed on crude switching and on process unit constraints. Many PADD III refiners produced RFG this past year at an *average cost* of 4.0 to 4.5 cents per gallon over the cost of conventional gasoline (reflecting RFG volumes of from about 35 to 65 percent). However, some PADD III refiners faced the situation of the PADD I refiners who had to implement processing changes to meet the RFG specifications.

Areas with the highest RFG demands are California and the marketing regions of the northeast refineries

located in the Delaware River Basin and in New Jersey. This northeast region is also highly dependent on crude oil imports from the North Sea and West Africa—areas where many of the crudes have high C6 cyclic content. The example of Figure FE5 is a typical PADD I refinery running Nigerian and North Sea crudes.¹² It was found to be impossible (i.e., very costly) to produce even a low level of RFG in this refinery unless additional equipment was added to reduce the benzene content. The 1995 costs shown in Figure FE5 are for a refinery to which a reformate fuel pre-fractionator and C5/C6 isomerization unit have been added. For this refinery, producing from 50 to 90 percent RFG, the *marginal cost* to produce one more barrel of RFG over the cost of conventional will be in the 6.1 to 6.8 cents-per-gallon range, and *on average*, the cost to produce RFG will fall in the 5.7 to 6.1 cents-per-gallon range.

¹² For this analysis, the PADD I refinery contained the same units as a PADD III refinery, but with less hydrotreating and coking capability. In addition, C5/C6 isomerization was added to achieve RFG benzene specifications.

Thus, for a typical PADD III refiner (who generally produced a lower percentage of RFG than a PADD I refiner), the average cost of producing RFG over conventional gasoline is 4.0 to 4.5 cents per gallon versus 5.7 to 6.1 cents per gallon for a PADD I refiner (who generally produced high percentages of RFG). These are but two examples. Some PADD III refiners experienced higher costs, and some PADD I refiners experienced both higher and lower RFG production costs than the illustrations. For example, costs can vary due to differences in oxygenate cost. A change in MTBE price of 10 cents per gallon translates to a 1.1 cent-per-gallon change in RFG production cost.

The oxygenate cost used in Figures 4 and 5 was \$1.07 per gallon, which represents a blend of 50-percent contract formula price and 50 percent spot MTBE purchases over the first 8 months of 1995.¹³ Contract MTBE prices ran considerably higher than spot during 1995 due to the formula arrangements locked into place by refiners when many of these contracts were signed back in 1992. To demonstrate the sensitivity of the cost to MTBE price, Figure FE6 shows the variation in cost for a PADD I refiner who is able to use all spot MTBE, which averaged 87 cents per gallon over the first 8 months of 1995 versus the \$1.07 per gallon MTBE cost used in Figure FE5.

Small variations in refinery cost can represent a significant impact on refinery margins, assuming no change in product prices. For example, for a large PADD I refiner producing 200,000 barrels per day of RFG, an increase in cost of 3 cents per gallon represents a loss of over 90 million dollars per year in margin contributions.

Now we are ready to explore how these refiners fared this past year over the summer driving season. Did the resale price of RFG rise high enough over the price of resale conventional for refiners to make the same margins on RFG (or better) than on conventional?

Market Prices in the First Year

In order to explore how different types of refiners fared during 1995, the market behavior and resulting prices for gasoline are described. This section focuses on the summer driving season, which is when the price of gasoline is usually highest, and when the contribution to refiners' annual profit margin reaches its maximum.

Supply and Demand Last Spring and Summer

Price change is a reaction to crude price changes and the tightness between gasoline supply and demand, so the discussion begins by reviewing the market supply and demand for gasoline. As anticipated early in 1995, total gasoline demand during the spring and summer reached record levels, peaking at 8,243 thousand barrels per day in June (compared to the peak 8,007 thousand barrels per day in August 1994) due to continued strong economic growth (Figure FE7). RFG represented about 25 percent of that volume (close to 2,000 thousand barrels per day).

In response to the high demand, gasoline production reached record levels (Figure FE8). Had capacity reached limitations for any length of time, prices would have responded and imports would have increased.

Imports through the summer of 1995 were lower than last year, and lower than their 5 year average. This was due partially to low RFG imports (Figure FE9). Gasoline imports are mainly used in the Northeast,¹⁴ which is the largest RFG-consuming region. RFG prices were not attractive enough on a sustained basis to result in more imports. In addition, the trade press indicated that even when prices might have been attractive to importers for a short period, RFG importers were not able to hedge their cargoes on the futures market since RFG futures contracts had inadequate volumes to be viable (Reference 13). For

¹³ The formula used to estimate the contract price is based on the contract formula used by MTBE producers in 1992 when most contracts were established. It was based on n-butane, $0.34 \times$ contract methanol price, and an additional factor to represent operating costs and profits. This last factor today is about 57 cents per gallon. Some contracts today, however, have an adjustment for spot prices that keeps them lower in price than the formula just described. While probably 70 to 75 percent of MTBE purchased in 1995 was contract, not all of it was at the high formula price. Thus, a weighting factor of 50 percent for contract and for spot price was used to estimate refiners' MTBE costs. The weights chosen are a rough approximation. (William Ludlow of DeWitt & Company provided helpful input into developing this approach.)

¹⁴ In 1994, PADD I represented almost 94 percent of the finished gasoline and blending component imports in the total United States.

Figure FE7. Monthly Finished Motor Gasoline Demand, January 1991 Through November 1995

Source: Energy Information Administration, *Petroleum Supply Monthly*, various issues, Table S4; *Weekly Petroleum Status Report*, various issues, Table 14.

Figure FE8. Monthly Gasoline Production, January 1991 Through November 1995

Source: Energy Information Administration, *Petroleum Supply Monthly*, various issues, Table S4; *Weekly Petroleum Status Report*, various issues, Table 14.

Figure FE9. Monthly Gasoline and Blending Component Imports, January 1991 Through November 1995

Source: Energy Information Administration, Petroleum Supply Monthly, various issues, Table S4; Weekly Petroleum Status Report, various issues, Table 14.

conventional gasoline, importers historically would be able to use a brief price advantage by locking in their profits with a futures contract between the time when the cargo left port and when it arrived. Without that ability, some importers were unwilling to take the risk with RFG.

As driving increased during the summer, the balance between production, imports, and demand kept stocks very low (Figure FE10). Low stocks put upward pressure on prices (Reference 14). Normally gasoline stocks would build in January¹⁵ when gasoline demand is low, but production of gasoline continues as distillate demand is being met. This winter was warm, which resulted in more driving and thus relatively high gasoline demand in January, and correspondingly less distillate demand and production. In addition, the uncertainty over which regions

would potentially withdraw from the RFG program provided a large disincentive for marketers to maintain RFG stocks.¹⁶ Total gasoline stocks ended the winter at very low levels, raising concerns over adequacy of supply to accommodate refinery maintenance during the spring. Fortunately, no major production disruptions occurred, so the low stocks did not present any problems. RFG stocks began the year at 43 million barrels and declined to 34.5 million barrels by the end of June when driving demand had peaked. The stocks recovered to 38.0 million barrels in July, but dropped in August and September, ending September at 33.4 million barrels. Conventional stocks in April through June were at about 24 or 25 days of supply, but RFG represented only 18 or 19 days of supply, consistent with its lower days-supply pattern since its startup in December.

¹⁵ January demand is usually low, but refiners still produce gasoline as a co-product while meeting winter high distillate demands. Thus stocks normally build during this time.

¹⁶ A marketer with RFG stocks located in a region that withdraws from the program will likely end up selling the RFG stocks at lower conventional gasoline prices.

Figure FE10. Gasoline and Blending Component Stocks (End of Month), January 1991 Through November 1995

Source: Energy Information Administration, Petroleum Supply Monthly, various issues, Table S4; Weekly Petroleum Status Report, various issues, Table 14.

Gasoline Wholesale/Spot Prices

The prior discussion of RFG costs focused on the difference in cost to produce RFG over conventional gasoline. In the long term, one would expect prices on average to reflect these cost differences. However in the short term, other supply and demand factors can cause the margin between RFG and conventional prices to vary both above and below costs at any point in time. Before exploring the price difference between RFG and conventional gasoline, the absolute price behavior needs to be analyzed. If the underlying prices are showing much volatility, the differences between RFG and conventional may also be fluctuating significantly as the market seeks equilibrium.

Spot prices fluctuated considerably over the 1995 gasoline season. Figure FE11 shows both spot RFG and conventional regular gasoline prices since the start of the RFG program in 1994. Figure FE12 shows the spot price spreads of conventional and RFG regular gasolines over the spot price of West Texas Inter-

mediate Crude Oil. Price spreads highlight the variation in the product market prices apart from crude price variations. (Crude represents about 75 percent of the resale price of gasoline, and therefore, a 1 cent-per-gallon change in the price of crude oil normally results in about the same change in the price of gasoline.)

Going back to the introduction of RFG, the price spreads over crude price of both conventional gasoline and RFG fell in early December, 1994, as the market eased in light of opt-outs reducing the need for RFG, and of a smooth beginning to the RFG program at the wholesale level. Prices usually remain weak through the winter months due to low demand (relative to the summer months) and excess production of gasoline that results from refiners producing heating fuel for the cold weather. The expected spring gasoline price run up did not occur in 1995 until mid March, when refinery turnarounds and low stocks increased upward price pressure.

Figure FE11. RFG, Conventional Gasoline, and Crude Oil Daily Spot Prices, November 1994 Through November 1995

Source: Reuters Information Services.

Figure FE12. New York Harbor Regular Gasoline Spreads (Daily Spot Prices), November 1994 Through November 1995

Source: Reuters Information Services.

Oxygenates Impact on Gasoline Prices

The advent of RFG increased the role of oxygenate prices in the price of gasoline. Recall that RFG requires 2.0 weight percent oxygen during the summer for all ozone non-attainment areas, and 2.7 weight percent during the winter in carbon monoxide non-attainment areas. As discussed earlier, the addition of oxygenates to RFG produces a large part of the cost increase of RFG over conventional gasoline. Prior to the Clean Air Act Amendments of 1990, oxygenates were used primarily as octane enhancers. The use of oxygenated gasoline, which began nationally in the fall/winter of 1992, increased the need for oxygenates -- but on a highly seasonal basis. Oxygenated gasolines were only required during the winter months -- in most cases November through February. RFG has now increased the need for oxygenates year round; although, some seasonal increase during the winter is still required to control carbon monoxide emissions.

Spot MTBE prices showed dramatic swings since the beginning of the RFG program last fall (Figure FE13). Several production problems with methanol plants and uncertainty over the amount of MTBE needed for last winter caused both methanol and MTBE prices to increase considerably in October as refineries began producing oxygenated gasoline and RFG. MTBE peaked at \$1.10 in mid October, but began falling off as supplies appeared to be adequate. Shortly after the opt-outs were announced in early December, prices moved under \$1.00 per gallon, but stayed over 90 cents per gallon until the end of the oxygenated gasoline season in March, when prices plummeted to less than 70 cents per gallon. By that time, the market perceived not only a decrease in demand, but also an excess of production capacity. MTBE prices stopped their decline sooner than did methanol prices. MTBE prices were buoyed by MTBE's use in gasoline as gasoline prices started their spring increase. Spot MTBE prices peaked at over \$1.00 per gallon in conjunction with gasoline prices, and dropped back almost to 70 cents per gallon during September.

**Figure FE13. Oxygenate Spot Prices, Week Ending October 9, 1992
Through November 22, 1995**

Source: *Octane Week*, various issues.

Figure FE14. Regular RFG minus Conventional Gasoline Daily Spot Prices, November 1994 Through November 1995

Source: Reuters Information Services.

Prices and price spreads finally peaked in the second half of May and began to fall as refinery turnarounds were finished and demand for the season was better known. Prices fell through June until the second half of July. Continued low stocks and a variety of refinery problems had accumulated to tighten prices slightly as the peak vacation month of August got underway. Hurricane Erin also created some additional pressure as a number of refineries had to reduce production in preparation for the oncoming hurricane. By mid August, refinery recoveries and the return of output from those refineries that had pulled back as a result of the hurricane caused prices to relax relative to crude price. However, crude price increased strongly the second half of August, driving gasoline prices higher. As September unfolded and the peak driving season began to wind down, the gasoline price spread remained fairly constant.

RFG Premium Over Conventional Gasoline

The fluctuations in spot gasoline price spreads over crude were an indication of the fluctuations in RFG price over conventional prices. If the spot prices reflected only costs, one would have expected the New York Harbor RFG price premium over conventional to be in the 6.1 to 6.8 cents-per-gallon range. As discussed earlier, a large part of the RFG price premium is due to oxygenate costs. Thus, one might also expect to see some variation due to variation in prices of oxygenates. (See Oxygenates Sidebar)

Figure FE14 shows the difference between RFG and conventional regular gasoline prices. As the program began in early December, the announcement by Pennsylvania to withdraw from the program followed by selected counties in New York and Maine weakened RFG prices, bringing the New York Har-

bor spot differential down to about 3 cents per gallon by January. However, as low stocks and high demand persisted, the differential increased and hovered around the 5.5 cents per gallon through early February, consistent with the high oxygenated prices and marginal production cost estimates. As the oxygenated gasoline season came to an end, the markets relaxed, and both MTBE prices and RFG premium relative to conventional gasoline began to fall. But falling MTBE prices could not completely explain the drop in New York Harbor RFG premium to less than 1 cent per gallon by the second half of March. During this same time, both New Jersey and Wisconsin were considering suspending RFG until health effects of oxygenates, particularly MTBE, could be more fully understood. Continuing demand uncertainty along with falling MTBE prices seemed to be behind the plunge in the spot RFG premiums.

With the exception of a few days in late March, from mid March to June, the New York Harbor spot RFG price premium hovered at 1 cent per gallon or lower. Gulf Coast premiums were slightly better, but varied more. Neither the Gulf Coast nor the Northeast saw spot premiums for RFG near the 4 cents per gallon

level until July. This premium fell again in the Northeast in August, but held in the Gulf Coast.

Neither oxygenate prices nor RFG supply, which remained relatively tight, could explain the low RFG premiums through early June, or the subsequent drop in premiums again in August. The answer lay on the other side of the difference equation -- conventional gasoline. Both during the March-June period and in the Northeast during August, the RFG-conventional price difference fell because concerns arose over the availability of conventional gasoline, thereby strengthening conventional prices relative to RFG. In particular, in the second half of April, the differential was lowest when refiners were forced to cut conventional output to make room for the summer grades. The trade press reported that many refiners purchased conventional on the spot market during this time, driving conventional prices higher. (Figure FE9 shows that imports picked up slightly in May and June in response to the higher prices, but dropped back as prices weakened.)

Table FE2. PADD IB Price Premiums for RFG (RFG Price - Conventional Price) vs. Refiners' RFG Cost Increase over Conventional Gasoline (Cents Per Gallon)

	New York Harbor Average Spot RFG minus Conventional Price Difference ⁽¹⁾	EIA PADD IB Average Rack RFG minus Conventional Price Difference	PADD 1 Refiners' Marginal RFG minus Conventional Cost Difference ⁽²⁾	PADD 1 Refiners' Average RFG minus Conventional Cost Difference	Estimated Refiners' MTBE Cost ⁽³⁾
January, February	5.6	6.6	7.8-8.6	7.4-7.8	122.3
March, April, May	1.3	3.3	5.7-6.4	5.3-5.7	103.5
June, July, August	2.9	2.8	5.5-6.2	5.1-5.5	101.7
8-Month Average	2.9	3.9	6.1-6.8	5.7-6.1	107.1

Notes: (1) Averages shown are simple averages of daily New York Harbor regular RFG minus regular conventional prices in the case of spot prices, and simple averages of the monthly RFG regular rack minus regular conventional rack prices in the case of the rack prices. (2) PADD 1 refiners costs are based on RFG production ranging from 50 to 90 percent RFG. (3) Refiners' MTBE cost is estimated as a combination of 50 percent formula contract MTBE price and 50 percent spot price. The formula contract price in cents per gallon was estimated as n-butane spot price + .34 x methanol contract price + 57. While probably 70 to 75 percent of the MTBE purchased in 1995 was contract, not all contracts were sold at the formula price used in the calculation. Some included an adjustment for spot prices, which would lower the contract price from the given formula. Thus, the 50-percent weight was used rather than 70-percent to reflect the lower contract prices.

Source: Spot Prices: Reuter Information Services. Rack Prices: Energy Information Administration, *Petroleum Marketing Monthly*, 1995, various issues, Tables 32 and 34.

Table FE3. PADD III Price Premiums for RFG (RFG Price - Conventional Price) vs. Refiners' RFG Cost Increase over Conventional Gasoline (Cents Per Gallon)

	Gulf Coast Average Spot RFG minus Conventional Price Difference ⁽¹⁾	EIA PADD III Rack RFG minus Conventional Price Difference	PADD III Refiners' Marginal RFG minus Conventional Cost Difference	PADD III Refiners' Average RFG minus Conventional Cost Difference ⁽²⁾	Estimated Refiners' MTBE Cost ⁽³⁾
January, February	5.8	4.8	6.8-7.0	5.7-6.2	122.3
March, April, May	2.5	1.6	4.5-4.9	3.6-4.1	103.5
June, July, August	4.5	2.3	4.3-4.7	3.4-3.9	101.7
8-Month Average	4.0	2.6	4.9-5.3	4.0-4.5	107.1

Notes: (1) Averages shown are simple averages of daily Gulf Coast RFG minus regular conventional prices in the case of spot prices, and simple averages of the monthly RFG regular rack minus regular conventional rack prices in the case of the rack prices. (2) PADD III refiners' costs are based on RFG production ranging from 35 to 65 percent RFG. (3) Refiners' MTBE cost is estimated as a combination of 50 percent formula contract MTBE price and 50 percent spot price. The formula contract price in cents per gallon was estimated as n-butane spot price + .34 x methanol contract price + 57. While probably 70 to 75 percent of the MTBE purchased in 1995 was contract, not all contracts were sold at the formula price used in the calculation. Some included an adjustment for spot prices, which would lower the contract price from the given formula. Thus, the 50-percent weight was used rather than 70-percent to reflect the lower contract prices.

Sources: Spot prices: Reuter Information Services; rack prices: Energy Information Administration, *Petroleum Marketing Monthly*, 1995, various issues, Tables 32 and 34.

Conclusion

To look at how well RFG refiners did versus conventional gasoline refiners, we compare the wholesale market price differences in different months to the additional costs needed to produce the product. Table FE2 summarizes the difference between RFG and conventional (regular grade) prices in the PADD IB areas this past summer season, and shows PADD I refiners' costs to produce a barrel of RFG over that of conventional. Table FE3 shows similar information for PADD III.

The tables show price premiums for RFG over conventional both in the spot market and from the rack prices reported to EIA. While spot prices tend to fluctuate more than the EIA prices, both price series present a measure of price premium in the wholesale markets. The tables also show the refiners' marginal cost to produce RFG over conventional and their average costs. Using either cost measure, refiners in PADDs I and III would have done better making conventional gasoline than RFG.

References

1. Mike Kulakowski, Texaco Refining and Marketing, "Reformulated Gasoline, Defining the Challenge," Proceedings Published from *Symposium and Tutorial on Impact of Reformulated Fuels*, 208th National Meeting, American Chemical Society (Washington, DC, August 21-26, 1994), pp 494-497.
2. Ralph Ragsdale, "U.S. Refiners Choosing Variety of Routes to Produce Clean Fuels," *Oil and Gas Journal* (Tulsa, OK, March 21, 1994), pp. 51-57.
3. William H. Keelson, et al, "Benzene Reduction Alternatives," Annual Meeting National Petroleum Refiners' Association, Paper: AM91-36 (San Francisco, CA, March 1991).
4. Jeffrey G. Grant and Richard A. Pourciau, Star Enterprise, "Gasoline Reformulation, Fractionate, Innovate, & Reformulate," *Fuel Reformulation* (Denver, CO, January/February 1992), pp. 18-25.
5. Alan R. Goelzer, et al, "Refiners Have Several Options for Reducing Gasoline Benzene," *Oil and Gas Journal* (Tulsa, OK, September 13, 1993), pp. 63-69.
6. George H. Unzelman, "Ethers Will Play Larger Role in Octane, Environmental Specs for Gasoline Blends," *Oil and Gas Journal* (Tulsa, OK, April 17, 1989), pp. 44-49.
7. UOP, *The Challenge of Reformulated Gasoline*, (Copyright 1994 by UOP).
8. National Petroleum Council, *U.S. Petroleum Refining*, Volume I (Washington, DC, August 1993), p. 34.
9. Tancred Lidderdale, "Demand, Supply, and Price Outlook for Reformulated Motor Gasoline 1995," *Monthly Energy Review*, Energy Information Administration (Washington, DC, July 1994), pp. 1-10.
10. *Annual Energy Outlook 1995*, Energy Information Administration (Washington, DC, January 1995), p. 47.
11. Mark Edmond, "Refinery Crisis: What It Means to Oil Marketers," *National Petroleum News*, (Arlington Heights, IL, April 1992) pp. 28-34.
12. Adam Seymour, Oxford Institute for Energy Studies, *Refining and Reformulation: The Challenge of Green Motor Fuels*, (Oxford, U.K., 1992) pp. 54-55.
13. "WTO To Review RFG Dispute," *Octane Week*, (Potomac, MD, April 17, 1995), p. 8.
14. John Zyren, "What Drives Motor Gasoline Prices?," *Petroleum Marketing Monthly*, Energy Information Administration (Washington, D.C., June, 1995), pp. xiii-xxv.

Highlights

Highlights

After losing ground during the first half of October, international crude oil prices began to stabilize during the second half of the month and make slight gains by month's end. Prices initially languished in the face of continued high wellhead production rates in Organization of Petroleum Exporting Countries (OPEC) and non-OPEC nations alike during the traditional refinery maintenance season. Preliminary data show the U.S. refinery utilization rate fell by approximately 5 percent and crude oil inputs fell 800,000 barrels per day from September levels. During the third week of the month, a significant drop in the production and export of crude oil from Mexico to the United States occurred in the aftermath of Hurricane Roxanne. Along with continued low U.S. crude oil stock levels, the interruption in production caused by the storm helped prop up West Texas Intermediate prices and tone down the disparity between U.S. product supply levels and regional demand. In other regions, European markets struggled under abundant supplies of crude oil, especially from North Sea fields, while Asian markets saw prices modestly bolstered by slight increases in overall demand.

U.S. gasoline spot market prices plummeted during the first week of October and continued to fall throughout the month with few interruptions. Although there was a reduction in refinery production of gasoline, preliminary data reflecting motor gasoline stock levels indicate an increase in stocks during October. Along with a lower rate of demand for gasoline, the stock build contributed to price drops in markets across the country. No. 2 distillate fared better than gasoline, with prices generally rising throughout October, the tra-

ditional start of the winter heating season. While preliminary estimates for production of all distillate fuel oils show almost no change from year-ago levels, demand grew by approximately 7.2 percent this month and stock levels were 11.2 percent lower than this time last year. Total refiner sales of the major petroleum products increased a scant 0.1 percent during October, with No. 2 distillate leading the increase with a 2.9 percent gain in sales.

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

Crude Oil

The daily spot price for West Texas Intermediate (WTI) crude oil at Cushing, Oklahoma, followed a

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					
	October 1995		September 1995		October 1994		October 1995		September 1995		October 1994	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor Gasoline	73.5	55.5	75.8	56.6	76.9	54.2	58.8	290.3	62.3	294.8	61.4	276.1
Conventional	71.2	35.7	74.8	41.0	75.4	43.6	55.0	194.5	60.1	216.7	58.5	224.5
Regular	66.7	23.7	70.6	27.4	70.3	28.1	52.6	143.4	57.7	159.4	55.5	161.2
Midgrade	76.3	5.9	79.3	6.8	80.6	7.5	58.5	17.5	63.9	19.6	62.6	22.1
Premium	84.0	6.1	87.4	6.8	88.3	8.0	63.2	33.6	68.6	37.7	68.0	41.1
Oxygenated	79.1	5.5	86.0	0.8	83.2	10.6	69.9	22.7	70.8	5.8	74.1	51.6
Regular	75.7	3.8	83.1	0.6	78.3	7.4	66.9	15.4	69.4	4.4	69.5	32.2
Midgrade	80.3	0.9	85.1	0.1	89.2	1.2	71.9	3.3	70.7	0.6	77.0	6.3
Premium	93.0	0.9	99.6	0.1	97.0	2.1	80.3	4.0	77.6	0.9	84.1	13.1
Reformulated	77.2	14.3	78.1	14.8	-	-	65.5	73.0	68.3	72.4	-	-
Regular	71.2	8.0	72.2	8.3	-	-	60.9	42.7	63.9	43.0	-	-
Midgrade	80.0	3.0	80.2	3.2	-	-	68.3	10.5	70.2	10.5	-	-
Premium	89.3	3.2	90.7	3.3	-	-	73.9	19.8	77.2	18.9	-	-
Aviation Gasoline	96.8	0.2	101.3	0.2	100.0	0.2	95.8	0.6	98.7	0.7	95.4	0.6
Kerosene-Type Jet Fuel	54.9	46.4	55.7	45.4	55.0	46.1	54.1	11.1	55.2	10.2	54.4	9.6
Propane (Consumer Grade)	49.2	2.9	45.7	3.0	49.4	2.3	34.4	29.9	33.8	28.0	33.5	32.6
Kerosene	56.5	0.7	57.3	0.5	61.5	0.5	57.0	2.0	58.0	1.8	59.1	2.2
No. 1 Distillate	62.7	0.2	64.5	0.2	65.5	0.3	64.1	1.6	68.3	1.0	64.1	1.7
No. 2 Distillate	56.2	25.1	57.3	25.0	56.8	24.2	53.6	110.2	54.8	106.6	54.0	103.9
No. 2 Fuel Oil	54.1	3.1	56.2	2.9	55.7	3.9	50.5	25.6	52.0	24.4	50.8	28.2
No. 2 Diesel Fuel	56.5	22.0	57.4	22.1	57.1	20.4	54.6	84.6	55.7	82.1	55.2	75.7
Low Sulfur	57.6	14.8	58.8	14.5	58.4	13.2	55.1	69.6	56.3	67.1	55.5	61.3
High Sulfur	54.1	7.2	54.9	7.5	54.6	7.2	52.5	14.9	53.0	15.1	53.8	14.4
No. 4 Fuel^a	48.9	0.2	49.9	0.2	49.0	0.6	46.1	0.1	43.5	0.3	43.1	0.2
Residual Fuel Oil	35.8	10.6	35.1	11.8	34.5	13.1	34.0	12.3	33.8	13.4	31.6	9.6
Sulfur Content not > 1 %	41.7	2.0	39.0	2.5	38.7	3.4	35.2	7.2	36.4	7.5	32.6	4.7
Sulfur Content > 1 %	34.5	8.6	34.0	9.3	33.0	9.7	32.5	5.2	30.5	5.9	30.6	4.8

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."

trend similar to international crude oil prices during October. The month's high of \$17.67 per barrel was reached for the first time on October 2. The price slid downward for the rest of the week, reaching the month's low of \$16.86 per barrel on October 5. After that initial week, the price inched its way upward and closed the month by striking the high of \$17.67 per barrel on the final two days of October.

- The average domestic crude oil first purchase price dropped 82 cents per barrel (5.7 percent), to \$13.67 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil fell 63 cents (4.1 percent), to \$14.59 per barrel. The average landed cost of foreign crude oil lost 62 cents (3.8 percent), to \$15.76 per barrel.

- The average refiner acquisition cost of domestic crude oil declined 37 cents (2.2 percent), to \$16.75 per barrel. The average cost of imported crude oil to U.S. refiners fell 48 cents (2.9 percent), to \$16.23 per barrel. The composite refiner acquisition cost of crude oil in the United States lost 42 cents (2.5 percent) moving down to \$16.49 per barrel.

Petroleum Products

Motor Gasoline

October was a rather weak month for unleaded regular gasoline at the New York Harbor spot market. The

month began at the high point of 54.7 cents per gallon. The price descended rapidly after that point, dropping more than 6.5 cents during the course of the week. Slight, short-term gains were made during the week of October 9, only to be counteracted by persistent losses leading to the month's low of 46.3 cents per gallon on the October 25. The month's closing price of 47.7 cents per gallon was more than 7 cents lower than September's closing price.

- Gasoline prices echoed the downward trend seen in spot markets across the country during October. All categories of sales showed decreases in price level. The average refiner motor gasoline retail price fell 2.3 cents to 73.5 cents per gallon, while the average wholesale price sank by 3.5 cents to 58.8 cents per gallon. Including data reported by the sample of motor gasoline marketers, the national average retail price dropped 2.3 cents, to 67.3 cents per gallon at company-operated retail outlets. The average wholesale price dropped by 3.5 cents, falling to 59.3 cents per gallon. The average dealer tank wagon (DTW) price for motor gasoline was 67.3 cents per gallon, a decrease of 2.3 cents from September's level. The average rack price showed the largest decrease, moving to 55.7 cents per gallon, reflecting a loss of 4.7 cents. Bulk sales in October averaged 50.9 cents per gallon, down 3.1 cents. The margin between reformulated and conventional gasoline prices widened this month to 4.2 cents at the retail level and 8.6 cents at the wholesale level.
- Total refiner sales of finished motor gasoline declined 5.6 million gallons per day (1.6 percent), to 345.8 million gallons per day in October. Retail sales lost 1.1 million gallons per day (1.9 percent), and wholesale sales dropped 4.5 million gallons per day (1.5 percent). Rack sales constituted 61.0 percent of refiner wholesale gasoline volumes in October, while DTW and bulk sales accounted for 26.8 percent and 12.2 percent, respectively. RFG composed 25.2 percent of total motor gasoline sales, while oxygenated gasoline defined 8.2 percent of sales.

No. 2 Distillate

The October spot price at New York Harbor for No. 2 heating oil generally gained strength during the month, averaging 48.7 cents per gallon. The low point occurred on October 5 with a price of 47.4 cents per

gallon. The price remained rather sluggish for the next two weeks, making no substantial changes in either direction. On October 20 a gradual rise in the price began and continued until the end of the month, netting a gain of just over 2 cents per gallon. The price at the close of October was 50.2 cents per gallon 1.5 cents higher than where it began.

- With the exception of Residential sales, retail prices for No. 2 distillate saw only marginal changes to their levels. The national average residential price rose 1.8 cents to 84.1 cents per gallon. The average wholesale price dropped 1.1 cents to 54.1 cents per gallon. The average price of No. 2 diesel fuel lost 0.4 cent per gallon at company-operated retail outlets, and fell 0.9 cent for wholesale sales. Low-sulfur diesel fuel prices averaged 2.5 cents per gallon more than high-sulfur diesel for retail sales and 2.9 cents higher for wholesale.
- Total refiner sales of No. 2 distillate accelerated to 135.3 million gallons per day (2.9 percent) in October. No. 2 fuel oil sales rose 1.4 million gallons per day (5.1 percent) while sales of No. 2 diesel fuel increased by 2.4 million gallons per day (2.3 percent). Low-sulfur diesel fuel explained 79.2 percent of all diesel fuel sales and 62.4 percent of all refiner No. 2 distillate sales in October.

Residual Fuel Oil

- Residual fuel oil prices were mixed during October. Refiner prices for low-sulfur residual fuel rose 2.7 cents to 41.7 cents per gallon for retail sales while the wholesale price dropped 1.2 cents to 35.2 cents per gallon. Refiner high-sulfur residual fuel prices increased 0.5 cent to 34.5 cents per gallon at the retail level and climbed 2.0 cents to 32.5 cents per gallon at wholesale. Including data reported by the sample of residual fuel oil marketers, the average low-sulfur price gained 3.2 cents for retail sales and fell 1.1 cents per gallon for wholesale. The average price for high-sulfur residual fuel showed only minuscule changes at both the retail and wholesale levels. Total refiner sales of residual fuel oil remained in the doldrums during October at 22.9 million gallons per day. Low-sulfur residual fuel sales lost 800,000 gallons per day (8.0 percent), while high-sulfur tumbled 1.4 million gallons per day (9.2 percent).

Other Products

- Prices for the majority of other petroleum products fell in October. Refiner propane prices rose 3.5 cents per gallon at retail and 0.6 cent at wholesale. Including the sample of propane marketers, the average residential propane price gained 2.6 cents per gallon, while the average end-user price increased 1.0 cent; the average wholesale price increased 0.4 cent per gallon. Refiner prices for kerosene-type jet fuel lost 0.8 cent and 1.1 cents per gallon for retail and wholesale, respectively. Prices for kerosene, No. 1 distillate, and aviation gasoline dropped at both levels while No. 4 fuel prices decreased at retail and rose at wholesale.
- Refiner sales of other products were varied in October. Sales of propane fell 100,000 gallons per day at the retail level and rose 1.9 million gallons per day at wholesale. Kerosene-type jet fuel sales increased 1.0 million gallons and 900,000 gallons per day for retail and wholesale, respectively. Kerosene and No. 1 distillate sales also rose at both levels while sales of aviation gasoline and No. 4 distillate showed very modest changes at both retail and wholesale levels.

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	15.99	16.77	17.75	18.63	18.20	18.43
1993						
January	14.70	15.24	16.36	17.40	16.80	17.11
February	15.53	16.09	17.12	17.84	17.41	17.64
March	15.94	16.60	17.56	18.31	17.82	18.08
April	16.15	16.30	17.55	18.49	18.35	18.42
May	16.03	16.19	17.30	18.44	17.89	18.16
June	15.06	15.10	16.32	17.70	16.80	17.26
July	13.83	14.23	15.45	16.39	15.81	16.10
August	13.75	14.19	15.26	16.01	15.64	15.83
September	13.39	14.09	14.95	15.82	15.32	15.59
October	13.72	14.12	15.01	16.04	15.59	15.81
November	12.45	12.90	13.83	14.99	14.05	14.51
December	10.38	11.63	12.33	12.46	12.56	12.51
1993	14.25	14.71	15.72	16.67	16.14	16.41
1994						
January	10.49	12.07	12.74	12.73	12.93	12.83
February	10.71	12.05	12.71	13.24	12.90	13.07
March	10.94	12.38	13.00	13.14	13.18	13.16
April	12.31	13.55	14.30	14.74	14.54	14.64
May	14.02	14.67	15.62	15.86	15.74	15.80
June	14.93	15.44	16.51	17.38	17.04	17.21
July	15.34	16.10	17.15	17.74	17.52	17.62
August	14.50	14.94	16.07	17.22	16.66	16.92
September	13.62	14.32	15.47	16.46	15.91	16.18
October	13.84	14.74	15.66	16.35	16.27	16.31
November	14.14	14.88	15.98	16.63	16.46	16.54
December	13.43	14.46	15.61	16.22	15.78	16.03
1994	13.19	14.18	15.18	15.67	15.51	15.59
1995						
January	14.00	15.08	16.23	16.52	16.56	16.54
February	14.69	15.63	16.73	17.16	17.21	17.18
March	14.68	15.88	17.04	17.31	17.22	17.27
April	15.84	17.28	18.26	18.20	18.73	18.44
May	15.85	17.30	18.18	18.68	18.51	18.60
June	15.02	15.91	17.07	17.94	17.44	17.69
July	14.01	14.82	15.94	16.85	16.50	16.68
August	14.13	15.05	16.10	16.96	16.54	16.75
September	14.49	15.22	16.38	17.12	16.71	16.91
October	13.67	14.59	15.76	16.75	16.23	16.49

^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	88.0	78.9	84.9	79.9	77.3	61.0
1986	62.4	101.1	52.9	74.5	79.0	62.0	47.8	56.0	49.1	48.9	34.3
1987	66.9	90.7	54.3	70.1	77.0	60.4	55.1	58.1	55.6	51.3	42.3
1988	67.3	89.1	51.3	71.4	73.8	56.4	50.0	54.4	50.7	46.1	33.4
1989	75.6	99.5	59.2	61.5	70.9	66.1	58.5	58.7	58.5	51.2	38.5
1990	88.3	112.0	76.6	74.5	92.3	81.9	72.5	73.4	72.6	62.2	44.4
1991	79.7	104.7	65.2	73.0	83.8	74.0	64.8	66.5	65.0	58.0	34.0
1992	78.7	102.7	61.0	64.3	78.8	66.6	61.9	62.7	62.0	52.6	33.6
1993											
January	76.9	100.3	58.5	74.8	81.4	64.4	59.0	62.8	59.5	52.4	35.2
February	76.0	99.9	59.9	74.3	81.3	66.5	60.6	64.7	61.2	52.4	34.5
March	75.7	99.4	60.7	75.4	83.2	69.2	62.8	66.2	63.3	54.5	35.6
April	77.8	100.7	59.7	69.5	77.0	66.9	62.4	61.9	62.4	54.8	36.5
May	80.1	102.2	59.9	67.3	68.8	66.1	62.3	59.8	62.0	52.3	36.8
June	79.8	102.5	58.7	63.9	65.3	65.7	60.5	57.6	60.2	49.3	34.7
July	77.6	99.7	55.3	62.2	61.4	61.5	56.9	54.1	56.6	45.4	33.1
August	76.2	98.8	54.6	61.8	61.9	58.9	56.2	54.6	56.0	46.3	32.0
September	74.9	98.2	56.9	63.6	66.5	65.2	60.4	57.3	60.1	46.0	31.5
October	75.4	98.0	61.3	60.2	77.5	76.5	66.7	63.3	66.4	49.7	32.2
November	72.6	95.7	59.6	61.6	79.4	74.8	62.5	61.6	62.4	49.1	30.5
December	68.0	91.2	51.2	64.0	72.5	62.6	52.4	55.7	52.9	46.4	29.2
1993	75.9	99.0	58.0	67.3	75.4	66.6	60.2	60.2	60.2	50.1	33.7
1994											
January	66.8	88.6	51.5	61.8	79.5	61.7	52.5	59.5	53.9	49.5	32.5
February	67.6	88.4	55.7	63.5	84.1	67.5	55.4	63.9	56.8	55.4	36.8
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	51.0	46.4	55.2	61.4	54.3	53.5	54.2	47.6	32.6
June	74.1	95.6	51.9	45.5	54.5	61.8	54.9	54.0	54.8	47.4	35.6
July	77.0	97.4	53.5	46.4	60.4	65.0	55.8	54.9	55.7	49.2	38.4
August	81.5	101.7	54.4	48.3	57.8	63.9	56.7	55.0	56.4	50.1	39.6
September	79.6	101.1	53.9	47.1	58.3	64.7	56.6	54.4	56.3	49.7	34.4
October	76.9	100.0	55.0	49.4	61.5	65.5	57.1	55.7	56.8	49.0	34.5
November	77.5	100.0	57.2	51.0	64.0	66.5	57.2	56.7	57.1	49.2	36.9
December	75.1	99.2	53.9	51.9	64.7	61.3	54.5	56.4	54.8	49.4	38.3
1994	73.8	95.7	53.4	53.0	66.0	64.0	55.4	57.2	55.6	50.1	35.2
1995											
January	74.5	99.6	52.3	54.5	67.4	59.3	53.4	56.1	53.9	50.5	40.0
February	73.3	99.8	52.2	55.1	62.7	59.1	53.3	55.9	53.8	50.1	39.8
March	73.1	99.0	50.5	53.3	59.4	60.0	53.5	54.4	53.7	51.0	40.5
April	77.3	101.3	52.8	46.6	56.1	62.5	56.6	55.6	56.5	48.9	40.3
May	83.4	105.8	55.0	43.1	51.8	61.7	58.1	55.8	57.7	50.9	42.2
June	83.9	106.4	53.2	42.9	54.9	59.7	55.7	52.8	55.4	52.0	42.1
July	80.0	101.8	51.9	42.2	51.3	59.3	54.0	51.5	53.7	45.6	38.2
August	76.9	99.2	53.4	44.9	53.3	62.4	55.8	53.3	55.5	45.3	35.1
September	75.8	101.3	55.7	45.7	57.3	64.5	57.4	56.2	57.3	49.9	35.1
October	73.5	96.8	54.9	49.2	56.5	62.7	56.5	54.1	56.2	48.9	35.8

^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	59.0	0.2	39.8	3.8	0.2	0.5	21.5	3.1	24.6	0.6	22.4
1993											
January	53.8	0.1	39.3	4.9	0.3	0.8	19.8	3.4	23.2	0.8	20.8
February	57.3	0.2	39.2	5.2	0.3	0.9	20.5	3.7	24.2	0.9	21.4
March	57.6	0.2	40.6	4.4	0.2	0.6	21.1	3.4	24.5	0.8	19.4
April	58.1	0.2	40.4	3.1	0.1	0.3	21.3	3.0	24.3	0.5	19.9
May	57.5	0.2	41.4	2.0	0.1	0.2	19.9	2.4	22.3	0.4	15.2
June	60.4	0.2	41.8	2.3	0.1	0.3	21.1	2.7	23.9	0.4	17.1
July	58.8	0.2	43.0	2.1	0.1	0.3	20.6	2.6	23.1	0.5	16.1
August	58.5	0.2	42.4	2.3	0.1	0.2	20.8	2.6	23.4	0.4	17.3
September	57.5	0.2	42.5	2.9	0.2	0.3	20.7	2.8	23.5	0.5	17.2
October	55.4	0.2	42.4	3.7	0.2	0.3	21.7	2.4	24.1	0.6	13.6
November	55.7	0.2	43.4	4.8	0.2	0.4	21.1	2.8	23.9	0.7	13.0
December	56.1	0.2	43.5	4.9	0.4	0.6	21.3	3.4	24.7	0.9	16.1
1993	57.2	0.2	41.7	3.5	0.2	0.4	20.8	2.9	23.8	0.6	17.2
1994											
January	51.5	0.2	40.5	3.3	0.6	0.8	19.8	4.7	24.6	1.4	17.5
February	54.3	0.2	41.2	2.9	0.6	0.8	21.6	4.1	25.7	1.4	15.5
March	55.4	0.2	43.3	2.2	0.3	0.5	22.5	3.1	25.6	1.1	15.2
April	55.0	0.2	45.6	1.7	0.2	0.2	22.1	2.3	24.4	0.6	12.6
May	55.5	0.2	45.2	1.9	0.4	0.2	22.6	2.3	24.9	0.5	12.2
June	57.2	0.3	46.5	1.8	0.4	0.3	22.9	2.3	25.2	0.6	14.0
July	55.8	0.2	46.8	1.7	0.2	0.2	21.0	2.1	23.0	0.4	11.5
August	56.4	0.3	48.1	2.0	0.6	0.2	21.5	3.7	25.1	0.6	11.6
September	55.0	0.2	47.3	1.9	0.4	0.3	21.2	3.7	24.9	0.4	12.5
October	54.2	0.2	46.1	2.3	0.5	0.3	20.4	3.9	24.2	0.6	13.1
November	54.5	0.2	45.6	2.2	0.6	0.4	20.2	4.0	24.2	0.8	12.9
December	55.6	0.2	46.6	2.7	0.7	0.5	19.8	4.3	24.1	1.1	14.0
1994	55.0	0.2	45.2	2.2	0.4	0.4	21.3	3.4	24.6	0.8	13.5
1995											
January	51.2	0.2	45.4	3.9	0.6	0.6	19.4	4.3	23.6	0.9	13.0
February	54.1	0.2	44.6	4.1	0.9	0.6	20.5	4.9	25.3	0.9	13.9
March	55.6	0.2	44.5	3.1	0.6	0.4	20.9	4.0	24.9	0.7	12.0
April	55.5	0.2	44.4	3.3	0.6	0.2	20.5	3.6	24.1	0.4	11.0
May	56.2	0.2	45.9	3.3	0.4	0.1	21.2	3.5	24.6	0.2	10.5
June	58.5	0.2	47.2	2.8	0.6	0.1	22.9	2.9	25.8	0.2	10.2
July	56.9	0.2	46.3	2.7	0.8	0.1	20.6	2.6	23.1	0.3	10.1
August	58.3	0.3	48.0	2.6	0.7	0.2	22.8	3.3	26.1	0.4	11.4
September	56.6	0.2	45.4	3.0	0.5	0.2	22.1	2.9	25.0	0.2	11.8
October	55.5	0.2	46.4	2.9	0.7	0.2	22.0	3.1	25.1	0.2	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	67.7	99.1	60.5	32.8	63.2	65.2	59.1	57.9	58.5	49.5	30.8
1993											
January	63.8	96.9	57.7	40.2	61.4	63.2	54.9	54.4	54.6	50.3	31.5
February	63.8	96.5	60.4	36.7	63.7	65.7	57.4	56.9	57.1	49.9	30.9
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	59.8	36.2	60.8	65.4	59.8	57.5	58.7	52.4	33.3
May	69.1	99.4	60.1	34.0	58.3	66.4	59.6	56.9	58.4	51.3	31.1
June	66.2	99.1	58.5	33.8	56.9	63.2	57.2	55.0	56.2	46.9	30.2
July	62.7	97.9	55.1	33.3	53.6	59.0	53.2	51.0	52.2	45.4	27.5
August	62.9	96.9	55.1	33.3	55.6	57.9	53.2	51.0	52.2	46.7	27.2
September	61.5	96.3	56.6	34.1	58.7	66.1	58.9	54.8	57.3	47.5	27.1
October	61.7	95.0	60.5	34.7	65.5	75.7	65.8	58.1	63.6	45.2	28.7
November	57.0	92.7	58.7	33.6	62.4	69.8	58.9	53.1	57.1	45.2	26.2
December	50.3	87.4	51.0	30.9	53.6	56.7	46.8	45.1	46.1	43.4	24.8
1993	62.6	96.5	57.7	35.1	60.4	64.6	57.0	54.4	55.9	48.8	29.3
1994											
January	52.2	87.1	52.9	32.3	65.7	59.3	49.1	50.7	49.8	46.9	28.3
February	54.6	87.8	56.0	34.0	73.5	63.6	52.8	54.2	53.4	52.9	33.8
March	54.9	87.4	52.5	31.8	59.9	61.3	52.9	49.7	51.8	48.7	27.4
April	57.9	89.5	50.9	30.4	55.1	57.8	52.3	48.9	51.3	39.4	27.5
May	59.2	91.2	50.6	30.4	53.2	57.0	51.7	49.0	51.0	42.6	29.5
June	62.6	93.2	51.5	29.9	53.9	57.6	52.3	49.8	51.6	41.0	33.5
July	65.4	96.1	53.8	29.8	55.1	60.3	53.7	50.9	52.9	43.9	36.2
August	67.8	98.5	54.4	31.0	55.1	61.1	54.1	51.4	53.4	44.9	35.2
September	61.0	97.3	54.0	31.7	55.3	61.9	54.2	50.1	53.1	39.6	30.1
October	61.4	95.4	54.4	33.5	59.1	64.1	55.2	50.8	54.0	43.1	31.6
November	62.2	95.2	56.3	35.0	60.7	64.6	55.1	51.0	53.8	44.2	34.2
December	58.0	94.2	53.1	35.7	57.4	60.7	51.0	49.5	50.5	44.5	34.1
1994	59.9	93.3	53.4	32.4	61.8	61.5	52.9	50.6	52.2	46.2	31.7
1995											
January	60.1	92.9	52.3	35.6	56.7	58.9	50.1	49.4	49.8	45.9	35.9
February	60.3	93.2	52.1	34.5	55.2	57.9	50.6	49.1	50.0	46.6	35.4
March	60.0	93.1	50.1	34.3	52.8	59.1	51.2	48.1	50.2	42.5	37.0
April	66.5	96.6	52.6	33.0	56.0	57.7	54.8	50.4	53.5	45.6	36.5
May	71.8	102.2	54.7	33.2	57.7	62.7	55.9	52.4	55.1	48.7	38.8
June	68.2	101.6	53.1	32.6	53.2	58.7	52.6	49.3	51.8	46.6	38.7
July	62.9	100.1	51.3	32.1	52.3	57.8	51.4	48.1	50.6	41.8	35.3
August	62.0	98.9	53.1	33.2	54.9	60.6	54.2	51.0	53.5	45.2	33.1
September	62.3	98.7	55.2	33.8	58.0	68.3	55.7	52.0	54.8	43.5	33.8
October	58.8	95.8	54.1	34.4	57.0	64.1	54.6	50.5	53.6	46.1	34.0

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

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

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

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

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

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

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

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel ^a	Residual Fuel Oil
							No. 2 Diesel Fuel	No. 2 Fuel Oil	Total		
1983	242.5	0.7	5.4	26.0	2.5	2.4	38.1	47.3	85.5	0.9	20.2
1984	246.3	0.8	6.6	26.7	2.2	2.6	42.8	51.4	94.2	1.7	21.3
1985	256.9	0.7	7.6	29.2	2.4	2.7	43.3	53.9	97.3	1.2	19.9
1986	257.2	0.7	9.2	26.3	2.4	2.5	46.4	53.8	100.3	1.2	18.6
1987	257.2	0.8	10.1	27.0	2.3	2.0	44.3	49.3	93.6	1.5	16.9
1988	263.7	0.7	10.0	27.7	2.7	2.6	47.8	50.1	97.9	1.2	18.9
1989	260.7	0.7	8.6	25.9	2.7	2.7	50.7	46.7	97.5	1.2	21.0
1990	264.8	0.7	8.8	25.5	2.2	2.4	51.9	45.9	97.8	0.8	17.9
1991	261.3	0.7	8.7	25.4	2.1	2.4	51.5	46.9	98.3	0.4	17.8
1992	265.4	0.7	8.0	26.7	2.2	2.3	50.8	48.9	99.7	0.4	15.2
1993											
January	245.1	0.4	9.4	34.5	3.8	5.3	47.3	53.9	101.3	0.6	10.3
February	260.1	0.5	7.7	35.2	4.3	4.5	49.0	56.0	105.1	0.7	14.4
March	262.5	0.6	8.7	30.4	3.3	2.5	50.9	55.8	106.7	0.8	13.2
April	267.7	0.6	7.6	21.9	1.3	0.9	51.7	46.2	97.9	0.4	12.4
May	264.1	0.7	7.3	19.1	0.9	0.6	50.6	39.8	90.4	0.2	13.8
June	277.1	0.8	7.5	23.3	0.8	0.6	52.8	42.5	95.3	0.2	11.3
July	276.5	0.8	7.9	21.7	0.8	0.6	53.1	39.2	92.3	0.1	10.9
August	274.3	0.8	8.2	24.8	1.1	1.0	56.0	43.1	99.1	0.1	11.7
September	267.3	0.7	8.3	27.3	1.9	1.4	61.9	39.5	101.4	0.1	13.8
October	263.3	0.6	8.0	29.8	2.2	1.7	72.5	29.9	102.4	0.4	15.3
November	268.3	0.5	9.6	32.3	3.2	3.9	71.6	32.8	104.4	0.4	13.1
December	276.7	0.5	9.7	34.5	4.7	4.5	78.1	45.8	123.9	0.6	11.4
1993	266.9	0.6	8.3	27.9	2.3	2.3	58.0	43.6	101.7	0.4	12.6
1994											
January	254.5	0.4	8.2	40.0	7.0	5.1	63.4	46.5	109.9	0.9	14.0
February	261.2	0.5	8.0	33.7	4.9	3.7	65.3	47.2	112.5	0.9	16.0
March	269.0	0.6	7.1	26.1	2.7	1.2	71.8	38.6	110.4	0.6	16.0
April	276.2	0.6	7.5	21.0	1.1	0.7	74.3	29.8	104.1	0.3	12.8
May	279.4	0.8	9.1	19.4	0.9	0.6	74.9	26.6	101.5	0.1	13.4
June	287.7	0.9	9.2	22.6	0.7	0.6	79.6	29.3	108.9	0.2	12.7
July	279.2	0.9	10.0	24.0	0.7	0.5	69.9	25.0	94.9	0.2	11.6
August	288.4	0.9	11.0	26.3	1.7	0.7	77.2	26.4	103.5	0.2	13.8
September	282.0	0.8	9.7	27.2	2.0	1.3	78.6	28.6	107.2	0.2	10.5
October	276.1	0.6	9.6	32.6	2.2	1.7	75.7	28.2	103.9	0.2	9.6
November	275.9	0.5	9.8	31.1	2.5	3.4	69.0	31.0	100.0	0.3	11.6
December	290.0	0.4	10.4	36.8	3.9	3.9	68.9	38.7	107.5	0.6	11.7
1994	276.7	0.7	9.1	28.4	2.5	1.9	72.4	32.9	105.3	0.4	12.8
1995											
January	259.7	0.4	8.8	37.9	4.5	3.7	64.6	36.9	101.5	0.7	15.1
February	276.2	0.5	8.9	43.7	4.9	3.0	67.9	45.7	113.6	0.6	17.7
March	281.8	0.6	8.8	29.6	2.0	1.5	72.2	34.7	106.9	0.5	14.5
April	278.6	0.6	8.8	24.0	1.0	0.5	73.4	31.7	105.1	0.2	10.5
May	290.7	0.7	9.2	22.6	0.6	0.4	74.8	24.8	99.6	0.2	11.0
June	303.3	0.7	9.1	23.7	0.7	0.4	81.6	25.7	107.3	0.1	11.3
July	294.5	0.8	9.6	24.1	0.7	0.3	75.4	22.3	97.7	0.2	11.8
August	305.6	0.8	10.0	27.0	1.1	0.7	81.8	22.2	104.0	0.1	12.5
September	294.8	0.7	10.2	28.0	1.8	1.0	82.1	24.4	106.6	0.3	13.4
October	290.3	0.6	11.1	29.9	2.0	1.6	84.6	25.6	110.2	0.1	12.3

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

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

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

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

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

Percentages of Refiner Wholesale Volumes

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

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

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1983	98.0	97.0	-	-	-	89.5	-	-	-	-	-	-
1984	92.2	91.4	-	-	-	84.2	-	-	-	-	-	-
1985	92.5	91.7	-	-	-	84.3	-	-	-	-	-	-
1986	62.4	61.6	-	-	-	52.2	-	-	-	-	-	-
1987	65.9	65.0	-	-	-	56.9	-	-	-	-	-	-
1988	64.9	64.1	-	-	-	54.8	-	-	-	-	-	-
1989	72.0	71.4	-	-	-	61.8	79.6	79.3	-	-	-	68.6
1990	85.3	84.9	-	-	-	75.8	92.3	92.1	-	-	-	81.4
1991	76.4	76.1	-	-	-	67.2	84.7	84.3	-	-	-	73.3
1992	74.6	74.3	-	-	-	64.5	83.1	82.7	-	-	-	70.8
1993												
January	72.6	72.1	-	-	-	60.3	81.7	81.3	-	-	-	68.0
February	71.9	71.4	-	-	-	60.5	80.9	80.4	-	-	-	67.5
March	71.5	71.1	-	-	-	62.0	80.9	80.4	-	-	-	68.6
April	73.5	73.1	-	-	-	64.6	83.2	82.8	-	-	-	70.8
May	75.8	75.4	-	-	-	66.1	85.3	84.9	-	-	-	72.3
June	75.5	75.1	-	-	-	62.9	85.0	84.6	-	-	-	69.7
July	73.1	72.7	-	-	-	59.3	82.6	82.2	-	-	-	66.1
August	71.7	71.3	-	-	-	59.6	81.4	80.9	-	-	-	66.1
September	70.4	69.9	-	-	-	58.1	80.1	79.5	-	-	-	64.3
October	71.2	70.6	66.3	56.5	52.3	58.6	80.4	79.7	71.0	58.8	NA	64.5
November	68.3	67.7	63.2	50.8	46.5	53.6	77.4	76.7	68.5	54.0	NA	60.6
December	63.6	63.0	58.4	43.0	40.4	46.6	73.0	72.3	63.9	46.9	NA	54.6
1993	71.6	71.2	-	-	-	59.3	81.0	80.5	-	-	-	66.0
1994												
January	62.2	61.6	57.3	46.6	42.1	48.7	71.6	71.0	62.8	50.5	NA	56.2
February	63.3	62.8	58.4	49.5	45.2	51.3	72.6	72.0	64.0	53.6	NA	58.3
March	62.9	62.4	58.0	50.0	46.2	51.7	72.5	71.9	63.5	54.0	NA	58.3
April	65.0	64.5	60.2	53.5	49.3	54.6	74.8	74.3	66.1	57.6	NA	61.4
May	66.7	66.2	62.0	54.7	50.3	56.0	76.4	75.9	67.7	58.4	NA	62.5
June	69.7	69.3	65.3	58.2	53.1	59.4	79.5	79.0	71.2	61.8	NA	65.9
July	72.6	72.2	68.0	61.1	56.0	62.2	82.3	81.8	73.8	63.9	NA	68.3
August	77.4	76.9	71.1	63.7	57.9	64.8	86.9	86.3	77.0	66.4	NA	71.0
September	75.7	75.0	68.9	54.7	51.7	57.7	85.3	84.4	74.8	57.2	NA	64.9
October	72.7	72.0	68.4	55.2	50.7	57.9	82.5	81.7	74.0	59.2	NA	65.8
November	73.2	72.7	69.2	55.8	51.8	58.6	83.0	82.4	75.0	60.7	NA	67.1
December	70.8	70.1	67.4	50.7	47.8	54.2	80.7	80.0	73.1	55.4	NA	63.4
1994	69.5	68.9	64.6	54.7	50.2	56.6	79.1	78.5	70.4	58.4	NA	63.8
1995												
January	69.9	69.3	67.6	53.9	49.9	56.4	80.0	79.3	73.5	58.6	NA	65.2
February	68.9	68.3	66.6	54.6	51.1	56.8	78.7	78.1	72.3	59.2	W	65.0
March	68.8	68.2	65.6	54.9	51.3	56.7	78.1	77.5	71.5	58.9	W	64.3
April	72.9	72.5	68.9	62.4	57.5	63.2	82.1	81.6	74.9	66.9	NA	70.4
May	79.3	78.9	74.4	67.9	62.6	68.6	88.3	87.9	80.4	72.7	W	76.0
June	80.0	79.4	74.9	62.9	58.9	64.8	89.0	88.4	80.9	67.5	W	73.2
July	76.0	75.4	71.3	56.8	53.6	59.4	85.2	84.6	76.7	60.9	NA	67.7
August	72.8	72.2	67.9	57.2	53.2	58.8	81.7	81.1	72.8	61.2	NA	66.0
September	71.7	71.2	66.9	58.1	53.9	59.2	80.1	79.7	71.7	61.9	NA	66.2
October	69.3	68.7	65.6	53.3	50.2	55.4	78.3	77.8	70.7	57.5	NA	63.2

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	-	-	-	91.6	91.4	90.7	-	-	-	83.2
1985	103.0	102.3	-	-	-	92.2	92.1	91.2	-	-	-	83.5
1986	74.8	73.7	-	-	-	61.0	63.2	62.4	-	-	-	53.1
1987	79.0	78.4	-	-	-	67.1	67.8	66.9	-	-	-	58.9
1988	79.4	78.8	-	-	-	67.2	68.1	67.3	-	-	-	57.7
1989	87.4	86.8	-	-	-	74.9	76.3	75.6	-	-	-	65.4
1990	99.0	98.5	-	-	-	87.4	88.8	88.3	-	-	-	78.6
1991	91.2	90.7	-	-	-	79.2	80.0	79.7	-	-	-	69.9
1992	92.0	91.4	-	-	-	77.4	79.2	78.7	-	-	-	67.7
1993												
January	90.5	89.9	-	-	-	74.6	77.4	76.9	-	-	-	63.8
February	88.4	87.9	-	-	-	73.6	76.5	76.0	-	-	-	63.8
March	88.3	87.7	-	-	-	74.8	76.1	75.7	-	-	-	65.2
April	91.7	91.0	-	-	-	76.7	78.3	77.8	-	-	-	67.7
May	93.6	93.1	-	-	-	78.4	80.5	80.1	-	-	-	69.1
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	88.8	80.5	64.9	56.7	71.1	76.1	75.4	70.8	58.1	52.9	61.7
November	86.4	85.6	77.7	59.7	50.2	66.7	73.2	72.6	68.0	52.6	47.3	57.0
December	82.3	81.4	73.2	52.3	44.1	60.2	68.8	68.0	63.4	45.0	41.1	50.3
1993	89.6	88.9	-	-	-	72.2	76.5	75.9	-	-	-	62.6
1994												
January	80.8	80.0	71.4	55.8	47.4	61.7	67.5	66.8	62.1	48.6	42.9	52.2
February	79.5	78.8	72.3	58.7	49.9	63.7	68.3	67.6	63.0	51.6	45.9	54.6
March	81.5	80.7	71.9	59.3	50.7	64.2	68.0	67.3	62.7	52.1	46.8	54.9
April	83.4	82.7	74.2	62.8	55.5	67.2	70.1	69.5	65.0	55.6	49.9	57.9
May	84.9	84.2	75.7	64.0	56.9	68.3	71.7	71.1	66.7	56.8	51.2	59.2
June	87.6	86.9	79.3	67.6	59.8	71.8	74.7	74.1	70.0	60.3	54.1	62.6
July	90.4	89.7	82.0	70.2	62.8	74.5	77.5	77.0	72.7	63.0	56.9	65.4
August	95.1	94.3	85.0	72.9	64.2	77.1	82.1	81.5	75.7	65.5	58.7	67.8
September	93.7	92.6	83.4	63.6	55.9	71.1	80.4	79.6	73.7	56.5	52.2	61.0
October	91.0	90.1	82.9	65.1	55.5	71.9	77.7	76.9	73.1	57.3	51.2	61.4
November	91.7	90.8	83.7	65.8	57.1	72.6	78.2	77.5	74.0	58.0	52.4	62.2
December	89.6	88.6	82.3	60.7	52.2	68.6	75.9	75.1	72.3	53.0	48.3	58.0
1994	87.3	86.5	78.7	64.0	55.6	69.5	74.4	73.8	69.3	56.7	50.9	59.9
1995												
January	88.9	88.1	82.1	63.7	54.8	70.2	75.2	74.5	72.5	56.1	50.4	60.1
February	87.6	86.8	81.1	64.5	55.2	70.2	74.1	73.3	71.5	56.8	51.5	60.3
March	84.4	83.8	80.4	64.2	55.1	69.7	73.7	73.1	70.6	57.0	51.7	60.0
April	90.6	89.9	83.3	72.2	63.8	75.9	77.8	77.3	73.8	64.6	58.2	66.5
May	97.1	96.4	89.0	78.3	68.4	81.7	83.9	83.4	79.2	70.2	63.2	71.8
June	97.4	96.7	89.8	73.1	63.7	78.6	84.5	83.9	79.8	65.1	59.4	68.2
July	93.7	92.9	85.9	66.7	58.0	73.1	80.7	80.0	76.0	58.9	54.1	62.9
August	90.5	89.8	81.8	67.0	58.7	71.7	77.6	76.9	72.4	59.3	53.8	62.0
September	89.3	88.6	80.6	67.8	58.4	71.6	76.4	75.8	71.4	60.2	54.5	62.3
October	87.1	86.4	79.0	62.8	54.3	68.1	74.2	73.5	70.1	55.4	50.7	58.8

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: Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent.

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	36.5	38.4	-	-	-	182.2	8.9	9.2	-	-	-	27.5
1993												
January	33.5	35.0	-	-	-	170.6	8.2	8.4	-	-	-	25.2
February	35.3	37.0	-	-	-	179.9	8.6	8.8	-	-	-	27.0
March	35.6	37.4	-	-	-	182.3	8.5	8.8	-	-	-	26.8
April	36.5	38.3	-	-	-	184.4	8.6	8.9	-	-	-	27.6
May	36.1	37.7	-	-	-	182.2	8.6	8.9	-	-	-	27.1
June	38.0	39.7	-	-	-	191.9	8.9	9.2	-	-	-	28.2
July	36.5	38.0	-	-	-	189.3	9.0	9.3	-	-	-	28.9
August	36.1	37.7	-	-	-	187.0	9.0	9.2	-	-	-	28.4
September	35.5	37.1	-	-	-	181.9	8.6	8.9	-	-	-	27.9
October	34.5	36.2	47.9	116.5	18.2	182.6	8.7	9.0	13.1	14.9	0.2	28.1
November	34.7	36.2	47.7	121.0	16.9	185.6	8.6	8.9	12.8	15.0	0.5	28.4
December	34.6	36.3	47.9	122.0	20.7	190.5	8.6	8.9	13.1	15.6	0.0	28.6
1993	35.6	37.2	-	-	-	184.0	8.7	8.9	-	-	-	27.7
1994												
January	31.4	32.9	44.3	108.4	22.6	175.3	8.1	8.4	12.1	13.6	0.2	25.9
February	32.5	34.2	46.7	112.6	21.0	180.2	8.3	8.6	12.2	14.4	0.1	26.7
March	34.4	36.2	48.0	116.1	21.1	185.3	8.4	8.7	12.8	15.4	0.2	28.4
April	34.2	35.8	48.0	119.8	24.1	191.9	8.4	8.7	12.9	15.5	0.1	28.6
May	34.6	36.3	48.2	120.2	24.3	192.7	8.5	8.8	12.9	15.9	0.1	29.0
June	35.8	37.5	49.2	124.7	24.5	198.4	8.6	8.9	13.3	16.5	0.3	30.1
July	35.1	36.6	48.4	123.3	21.3	193.0	8.6	8.8	13.0	16.2	0.2	29.5
August	36.0	37.6	49.0	128.1	25.0	202.0	8.6	8.9	13.0	16.7	0.2	30.0
September	35.1	36.6	47.5	124.8	26.0	198.3	8.3	8.6	12.7	16.0	0.2	28.9
October	33.9	35.5	47.5	121.0	24.9	193.4	8.3	8.6	12.8	15.5	0.2	28.5
November	34.3	35.8	47.5	122.3	23.5	193.2	8.6	8.9	12.8	15.6	0.2	28.6
December	34.8	36.3	47.7	121.9	33.1	202.8	8.7	9.0	13.6	16.2	0.2	30.0
1994	34.3	35.9	47.7	120.3	24.3	192.3	8.5	8.7	12.8	15.7	0.2	28.7
1995												
January	31.3	32.8	41.4	112.2	26.5	180.1	8.7	9.0	12.2	15.2	0.1	27.5
February	33.1	34.8	43.4	120.4	28.4	192.2	9.2	9.5	W	16.1	W	29.1
March	32.6	34.3	43.3	123.0	30.5	196.8	9.4	9.7	W	16.6	W	29.4
April	34.0	35.7	43.9	123.1	26.7	193.8	9.4	9.7	12.9	16.6	0.1	29.6
May	35.5	37.0	45.0	130.3	29.8	205.1	9.4	9.7	W	17.4	W	30.8
June	36.9	38.5	46.0	136.0	33.6	215.6	9.8	10.1	13.7	18.0	W	31.7
July	35.6	37.1	44.4	131.6	31.7	207.6	9.5	9.8	13.5	17.8	0.1	31.4
August	36.2	37.8	45.0	135.4	34.0	214.4	9.8	10.1	13.7	18.5	0.4	32.6
September	34.8	36.3	43.4	127.3	36.0	206.7	9.8	10.0	13.4	17.1	0.2	30.7
October	34.0	35.6	43.2	127.7	30.7	201.5	9.5	9.8	13.5	17.6	0.2	31.3

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	-	-	-	256.9
1986	9.0	9.8	-	-	-	45.1	54.2	61.2	-	-	-	257.2
1987	11.2	11.6	-	-	-	53.0	55.7	61.0	-	-	-	257.2
1988	13.8	14.5	-	-	-	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	10.3	10.7	-	-	-	51.7	56.4	59.0	-	-	-	265.4
1993	10.3	10.6	-	-	-	52.8	54.9	57.2	-	-	-	266.9
January	9.6	9.9	-	-	-	46.5	51.7	53.8	-	-	-	245.1
February	10.6	10.9	-	-	-	50.3	55.0	57.3	-	-	-	260.1
March	10.5	10.9	-	-	-	50.3	55.2	57.6	-	-	-	262.5
April	10.0	10.4	-	-	-	52.4	55.7	58.1	-	-	-	267.7
May	9.9	10.3	-	-	-	51.5	55.2	57.5	-	-	-	264.1
June	10.5	10.9	-	-	-	53.6	58.1	60.4	-	-	-	277.1
July	10.7	11.0	-	-	-	55.0	56.7	58.8	-	-	-	276.5
August	10.6	11.0	-	-	-	55.4	56.2	58.5	-	-	-	274.3
September	10.4	10.8	-	-	-	54.3	55.1	57.5	-	-	-	267.3
October	9.8	10.2	22.4	27.1	3.1	52.5	53.0	55.4	83.4	158.5	21.5	263.3
November	10.2	10.6	22.7	28.4	4.0	54.3	53.5	55.7	83.2	164.5	21.5	268.3
December	10.5	10.9	23.6	29.9	4.4	57.6	53.7	56.1	84.6	167.5	25.1	276.7
1993	10.3	10.6	-	-	-	52.8	54.9	57.2	-	-	-	266.9
1994	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
January	9.9	10.2	22.1	27.5	3.7	53.3	49.4	51.5	78.4	149.5	26.5	254.5
February	11.1	11.5	22.2	28.4	3.6	54.2	51.9	54.3	81.0	155.5	24.7	261.2
March	10.1	10.5	23.2	29.4	2.6	55.3	52.9	55.4	84.1	160.9	24.0	269.0
April	10.1	10.5	23.3	29.8	2.6	55.7	52.7	55.0	84.2	165.1	26.8	276.2
May	10.1	10.5	23.4	31.0	3.4	57.7	53.2	55.5	84.5	167.1	27.8	279.4
June	10.4	10.8	23.6	31.8	3.8	59.2	54.8	57.2	86.0	173.0	28.7	287.7
July	10.1	10.4	22.8	30.9	3.0	56.7	53.7	55.8	84.2	170.4	24.5	279.2
August	9.5	9.9	22.3	30.6	3.5	56.4	54.1	56.4	84.3	175.4	28.7	288.4
September	9.4	9.8	22.0	29.8	3.0	54.8	52.8	55.0	82.2	170.6	29.2	282.0
October	9.7	10.1	22.2	29.4	2.7	54.2	52.0	54.2	82.5	165.9	27.7	276.1
November	9.4	9.8	21.8	29.7	2.6	54.1	52.2	54.5	82.2	167.5	26.2	275.9
December	9.9	10.3	22.4	30.8	4.0	57.2	53.4	55.6	83.7	168.9	37.4	290.0
1994	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
1995	9.0	9.4	19.9	28.9	3.2	52.0	49.1	51.2	73.5	156.4	29.8	259.7
January	9.5	9.8	W	30.4	W	54.9	51.7	54.1	77.3	166.8	32.1	276.2
February	11.2	11.6	W	31.6	W	55.6	53.2	55.6	76.7	171.1	34.0	281.8
March	9.8	10.1	20.8	31.2	3.3	55.3	53.2	55.5	77.7	170.9	30.1	278.6
April	9.2	9.5	W	31.1	W	54.9	54.1	56.2	78.7	178.8	33.2	290.7
May	9.6	10.0	20.5	31.6	3.9	56.0	56.3	58.5	80.2	185.5	37.6	303.3
June	9.7	10.1	20.2	31.3	3.9	55.5	54.9	56.9	78.1	180.7	35.7	294.5
July	10.1	10.4	21.0	33.2	4.4	58.6	56.1	58.3	79.7	187.1	38.8	305.6
August	9.9	10.2	20.9	31.3	5.3	57.4	54.5	56.6	77.7	175.7	41.4	294.8
September	9.8	10.1	21.1	31.9	4.5	57.5	53.3	55.5	77.7	177.2	35.3	290.3
October												

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

Notes: Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system; while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent.

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.

^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.

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	69.2	68.7	62.8	56.0	52.1	56.8	79.4	78.8	68.4	58.1	NA	62.0
November	65.4	64.9	59.1	50.2	46.4	51.2	75.2	74.6	65.3	53.2	NA	57.3
December	60.4	59.8	54.0	42.3	40.1	43.8	70.8	70.1	60.2	46.0	NA	50.9
1993	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	59.4	58.8	54.2	46.0	41.8	46.6	69.8	69.2	60.4	49.8	NA	53.6
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	62.2	61.7	57.4	49.9	46.2	51.3	72.0	71.4	63.3	54.0	NA	58.0
April	64.9	64.5	60.1	53.5	49.3	54.5	74.6	74.1	66.0	57.6	NA	61.2
May	66.6	66.2	62.0	54.7	50.3	56.0	76.4	75.9	67.7	58.4	NA	62.6
June	69.7	69.2	65.3	58.2	53.1	59.3	79.5	78.9	71.2	61.8	NA	65.9
July	72.6	72.2	68.0	61.0	56.0	62.2	82.3	81.8	73.8	63.9	NA	68.3
August	77.4	76.9	71.2	63.6	57.9	64.7	86.9	86.3	77.0	66.4	NA	71.0
September	75.5	74.8	68.6	54.6	51.6	57.4	85.2	84.4	74.7	57.1	NA	64.6
October	71.1	70.3	64.6	54.4	50.1	55.5	81.4	80.6	70.4	58.2	W	62.6
November	70.6	70.0	64.2	54.7	50.5	55.5	80.6	79.9	70.7	59.3	W	63.0
December	66.6	65.8	58.3	48.8	46.4	49.4	76.6	75.8	65.7	52.9	NA	56.3
1994	68.7	68.1	63.6	54.5	50.0	55.8	78.4	77.8	69.4	NA	NA	62.7
1995												
January	65.7	65.0	59.5	52.3	48.3	52.4	75.7	75.0	66.3	56.8	W	59.2
February	65.7	65.0	60.4	53.4	49.6	53.6	75.3	74.7	67.4	57.9	W	60.6
March	66.8	66.3	60.9	54.3	50.7	54.6	76.1	75.4	67.4	58.1	W	60.7
April	72.2	71.7	66.3	62.1	57.2	62.0	81.2	80.7	72.9	66.6	W	68.4
May	78.8	78.3	72.5	67.6	62.1	67.4	88.0	87.4	79.2	72.4	W	74.3
June	79.3	78.7	72.5	62.3	58.5	63.1	88.4	87.7	79.5	66.7	W	70.3
July	74.9	74.2	68.4	56.3	52.7	57.4	84.0	83.3	74.7	60.0	W	64.2
August	71.9	71.3	65.5	56.8	52.1	57.3	80.8	80.2	71.1	60.6	NA	63.4
September	71.1	70.6	65.1	57.6	52.5	57.7	79.8	79.3	70.5	61.2	NA	63.9
October	67.3	66.7	60.6	52.2	49.2	52.6	77.0	76.3	66.6	56.1	W	58.5

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	87.7	86.9	76.7	64.4	56.5	67.7	74.4	73.7	67.4	57.6	52.8	59.4
November	83.5	82.7	73.6	58.9	49.7	62.0	70.5	69.9	63.9	51.9	47.1	53.8
December	79.3	78.4	68.9	51.5	43.7	55.4	65.9	65.2	59.0	44.3	40.7	46.7
1993	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	78.1	77.3	68.5	55.2	46.9	58.1	65.0	64.3	59.3	48.0	42.5	49.5
February	77.3	76.7	70.8	58.4	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	84.9	84.1	75.8	64.0	56.9	68.3	71.6	71.1	66.6	56.8	51.2	59.2
June	87.5	86.8	79.4	67.6	59.8	71.7	74.6	74.0	70.0	60.3	54.1	62.6
July	90.4	89.7	82.1	70.2	62.8	74.5	77.5	76.9	72.7	63.0	56.9	65.3
August	95.1	94.3	85.1	72.9	64.2	77.1	82.0	81.4	75.7	65.5	58.7	67.8
September	93.5	92.4	83.1	63.5	55.5	70.6	80.2	79.4	73.3	56.4	52.0	60.7
October	89.3	88.3	79.0	64.2	54.0	68.0	76.3	75.4	69.2	56.5	50.5	58.5
November	88.6	87.6	78.8	64.6	54.7	67.7	75.5	74.8	69.0	56.8	50.9	58.4
December	84.5	83.4	74.0	58.4	49.8	61.1	71.6	70.7	63.6	50.9	46.7	52.0
1994	86.3	85.5	77.8	63.8	55.5	68.2	73.6	72.9	68.3	56.5	50.7	58.9
1995												
January	84.0	83.0	74.5	62.1	51.7	63.9	70.7	69.9	64.5	54.5	48.6	55.1
February	83.5	82.6	75.2	63.2	53.8	65.2	70.4	69.7	65.2	55.5	50.0	56.4
March	81.7	81.0	75.6	63.6	53.7	65.8	71.3	70.7	65.5	56.3	50.9	57.2
April	89.2	88.5	80.7	71.9	62.8	73.4	76.5	76.0	70.7	64.3	57.8	64.6
May	96.3	95.5	87.2	77.8	66.2	79.3	83.0	82.5	76.8	69.8	62.5	70.1
June	96.3	95.4	87.5	72.4	62.7	75.0	83.4	82.7	76.9	64.4	58.9	65.7
July	91.9	91.0	83.0	66.0	56.9	69.1	79.1	78.4	72.7	58.3	53.1	60.0
August	89.0	88.2	79.4	66.5	57.2	68.7	76.2	75.5	69.6	58.8	52.6	59.8
September	88.2	87.4	78.7	67.0	56.6	68.6	75.4	74.8	69.1	59.5	53.0	60.1
October	84.8	84.0	74.2	61.6	52.0	63.2	71.9	71.2	64.9	54.2	49.5	55.0

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: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

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	27.2	28.7	26.9	105.7	16.1	148.6	7.3	7.5	8.0	W	W	21.2
November	25.0	26.3	22.1	105.9	14.6	142.6	6.7	7.0	6.7	W	W	20.0
December	24.6	25.9	22.2	107.5	18.0	147.6	6.6	6.9	7.0	W	W	20.4
1993	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	22.2	23.4	20.4	96.1	20.6	137.2	6.3	6.5	6.5	11.7	0.1	18.3
February	24.6	26.0	25.6	104.0	19.9	149.6	6.9	7.1	7.9	W	W	21.2
March	31.6	33.2	42.2	113.4	20.6	176.2	7.9	8.2	11.6	W	W	26.8
April	32.9	34.5	43.5	117.7	23.8	185.0	8.1	8.4	11.7	W	W	27.0
May	34.2	35.8	47.6	119.7	24.3	191.6	8.5	8.8	W	W	0.1	28.9
June	35.3	37.1	W	W	24.5	197.4	W	W	W	W	0.3	W
July	34.7	36.2	W	122.7	W	191.9	W	W	W	W	0.2	W
August	35.6	37.2	48.6	W	W	200.6	W	8.9	13.0	16.6	0.2	29.8
September	34.1	35.6	44.7	123.2	25.0	193.0	8.2	8.5	12.0	W	W	27.8
October	26.7	28.1	27.4	110.9	22.9	161.2	7.2	7.5	8.0	W	W	22.1
November	24.0	25.3	21.7	107.3	20.1	149.1	6.5	6.7	6.6	W	W	20.0
December	20.5	21.6	14.7	94.7	25.9	135.2	5.5	5.7	4.3	11.9	0.1	16.3
1994	29.7	31.2	36.1	113.5	22.8	172.4	7.6	7.8	10.1	14.6	0.1	24.8
1995												
January	18.6	19.7	13.2	88.4	21.0	122.6	4.9	5.1	W	11.3	W	15.1
February	21.7	23.0	18.1	98.2	23.1	139.4	5.7	5.9	W	12.7	W	18.0
March	23.5	24.9	21.1	104.0	24.7	149.8	6.2	6.5	5.4	W	W	19.0
April	25.9	27.2	22.5	104.9	23.0	150.4	6.4	6.6	W	13.5	W	19.1
May	27.0	28.3	23.1	111.4	24.9	159.4	6.4	6.6	5.7	W	W	20.0
June	28.1	29.5	23.6	116.2	29.3	169.1	6.6	6.9	5.9	14.6	W	20.6
July	27.1	28.3	22.8	112.7	26.2	161.7	6.5	6.7	W	14.5	W	20.4
August	27.5	28.8	23.2	116.2	27.4	166.7	6.7	6.9	6.0	15.1	0.4	21.5
September	26.2	27.4	21.8	108.4	29.2	159.4	6.6	6.8	5.7	13.8	0.1	19.6
October	22.5	23.7	14.9	103.9	24.5	143.4	5.7	5.9	W	13.5	W	17.5

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	7.9	8.2	12.2	W	W	39.1	42.3	44.3	47.1	143.0	18.8	208.9
November	7.5	7.8	10.0	W	W	37.7	39.2	41.1	38.9	143.1	18.3	200.3
December	7.7	8.0	10.5	W	W	40.2	39.0	40.8	39.7	146.9	21.5	208.2
1993	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	7.3	7.6	10.3	24.1	3.2	37.7	35.8	37.5	37.3	132.0	23.9	193.2
February	8.9	9.2	12.0	W	W	40.9	40.3	42.2	45.6	142.9	23.1	211.6
March	8.9	9.2	18.4	W	W	49.2	48.4	50.7	72.1	156.9	23.2	252.2
April	9.3	9.7	18.8	W	W	49.9	50.4	52.6	73.9	161.6	26.3	261.9
May	9.8	10.2	W	W	3.4	56.9	52.6	54.8	83.2	166.4	27.8	277.4
June	W	W	W	31.7	3.8	W	54.0	56.4	W	W	28.7	285.8
July	W	W	W	W	3.0	W	53.1	55.2	W	169.5	W	277.3
August	W	9.7	W	W	3.5	55.6	53.5	55.7	W	174.4	W	286.1
September	9.0	9.4	19.9	W	W	52.0	51.3	53.5	76.6	168.2	27.9	272.7
October	7.7	8.0	12.2	W	W	41.1	41.6	43.6	47.6	151.6	25.3	224.5
November	6.6	6.9	9.5	W	W	37.1	37.1	38.9	37.7	146.5	21.9	206.2
December	5.8	6.0	6.6	23.1	2.0	31.7	31.7	33.3	25.6	129.7	27.9	183.2
1994	8.5	8.9	16.5	28.0	2.8	47.2	45.8	47.9	62.7	156.0	25.8	244.5
1995												
January	5.1	5.4	W	22.3	W	30.0	28.6	30.2	22.9	122.0	22.9	167.8
February	5.7	6.0	W	24.0	W	34.1	33.1	34.9	30.9	135.0	25.7	191.5
March	7.4	7.7	8.4	W	W	36.2	37.2	39.0	34.9	143.1	26.9	204.9
April	6.6	6.9	W	25.5	W	36.7	38.9	40.7	36.8	143.8	25.6	206.3
May	6.1	6.4	8.5	W	W	36.1	39.6	41.4	37.3	150.8	27.4	215.6
June	6.4	6.7	8.4	25.6	3.1	37.2	41.1	43.1	38.0	156.4	32.4	226.8
July	6.6	6.9	W	25.6	W	37.1	40.2	41.9	37.0	152.8	29.4	219.2
August	6.7	7.0	8.7	27.1	2.9	38.7	40.9	42.7	37.9	158.3	30.6	226.9
September	6.5	6.8	8.4	25.4	3.9	37.7	39.2	41.0	35.9	147.6	33.2	216.7
October	5.8	6.1	W	24.9	W	33.6	34.0	35.7	25.2	142.3	27.1	194.5

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: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

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	61.2	53.1	66.5	84.5	83.7	75.1	63.7	W	71.9
November	75.9	75.3	66.8	55.2	47.0	61.6	85.0	84.2	72.1	58.4	W	68.3
December	71.5	70.9	62.2	48.2	42.7	56.2	80.7	79.9	68.1	52.5	W	63.9
1993	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	69.0	68.4	60.0	51.0	45.4	56.3	78.0	77.3	65.7	54.8	W	62.7
February	68.3	67.8	60.1	53.2	48.7	57.8	78.1	77.4	65.9	56.8	W	63.7
March	71.0	70.2	62.6	54.1	46.9	59.1	80.4	79.5	65.7	57.1	W	63.8
April	66.5	66.0	60.8	54.4	49.6	58.3	80.1	79.6	66.5	57.9	W	64.7
May	70.6	70.5	61.9	61.1	-	61.6	82.5	82.5	W	W	-	58.8
June	71.9	71.9	W	64.9	-	63.8	W	W	W	W	-	W
July	75.1	75.1	W	70.0	W	67.4	W	W	W	W	-	W
August	81.9	81.8	67.6	75.7	W	70.0	W	98.1	-	69.4	-	69.4
September	80.9	80.5	74.1	65.4	54.6	67.8	94.1	93.5	77.1	62.1	W	71.6
October	78.7	78.3	73.5	63.7	57.8	69.5	89.5	89.2	79.9	68.4	W	77.0
November	79.6	79.2	73.4	63.8	59.4	69.4	90.4	90.1	79.7	69.2	W	76.6
December	77.1	76.9	70.1	58.5	W	63.7	87.2	86.9	75.0	62.2	W	69.3
1994	74.3	73.9	66.7	58.6	52.7	63.2	84.3	83.8	72.7	62.2	W	69.6
1995												
January	76.6	76.3	69.4	60.6	56.1	64.7	85.7	85.6	74.4	64.0	W	70.0
February	76.2	76.1	69.9	62.8	55.2	66.0	86.3	86.2	73.4	65.3	-	69.3
March	77.2	77.1	72.4	65.1	-	68.9	85.6	85.5	75.1	66.1	-	70.1
April	83.4	83.4	76.7	67.9	-	71.5	91.1	90.9	W	69.7	-	73.8
May	88.9	88.8	80.4	71.7	-	75.2	95.3	95.1	W	73.5	-	77.7
June	90.7	90.7	80.4	66.5	-	72.0	97.6	97.4	W	68.7	-	75.0
July	88.1	88.1	77.9	62.6	-	68.5	92.4	92.4	W	63.9	-	69.7
August	84.8	84.8	76.8	63.6	-	68.8	87.7	87.6	W	65.4	-	70.1
September	83.4	83.1	74.3	66.4	69.3	69.4	85.2	85.1	75.6	69.1	W	70.7
October	76.0	75.7	70.9	63.2	W	66.9	80.5	80.3	75.2	67.0	W	71.9

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	97.2	96.1	84.9	69.2	57.7	80.6	82.3	81.6	75.3	63.0	54.0	70.7
November	94.7	93.9	80.9	64.5	52.1	75.9	80.6	80.0	71.6	57.3	48.1	66.1
December	90.6	89.8	76.6	57.5	45.6	71.0	76.4	75.7	67.2	50.4	43.4	61.0
1993	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	88.4	87.8	74.0	60.1	50.6	70.2	74.0	73.3	64.7	53.1	46.4	60.7
February	88.0	87.2	74.0	62.0	53.1	70.8	73.3	72.7	64.8	55.4	50.1	61.9
March	89.1	88.4	74.0	61.6	52.2	71.0	76.9	76.1	67.5	56.2	48.6	63.9
April	87.4	87.2	74.6	62.2	55.9	71.7	74.9	74.4	67.6	57.0	52.1	64.5
May	87.9	87.6	72.9	63.7	-	71.1	77.0	76.9	67.8	61.2	-	65.4
June	88.8	88.8	W	68.2	-	73.2	78.8	78.8	W	65.4	-	67.6
July	90.9	90.9	W	72.0	-	75.7	81.4	81.4	W	70.0	W	70.6
August	93.9	93.9	W	76.1	-	78.7	86.4	86.3	W	75.0	W	72.9
September	97.1	96.8	85.7	73.0	60.0	81.3	86.4	86.0	78.9	66.3	55.8	72.3
October	97.3	97.0	87.7	73.8	64.0	84.1	83.6	83.2	78.5	66.1	58.9	74.1
November	99.2	98.7	87.8	74.9	66.1	84.4	84.5	84.1	78.2	66.3	60.0	73.8
December	96.8	96.5	83.7	68.8	W	77.8	81.5	81.2	73.5	60.4	W	66.8
1994	92.9	92.4	79.9	67.5	56.7	76.5	79.3	78.8	71.5	60.7	53.5	67.5
1995												
January	95.9	95.7	83.6	70.6	W	78.2	80.7	80.4	72.8	62.4	56.6	67.5
February	95.1	95.0	84.0	71.9	-	78.6	80.3	80.2	72.7	64.4	55.2	68.3
March	93.9	93.6	85.5	72.8	-	80.1	80.3	80.2	75.0	66.4	-	70.9
April	100.7	100.5	93.0	74.7	-	81.4	86.3	86.2	79.1	69.1	-	73.2
May	105.3	105.1	96.9	78.2	-	84.6	91.5	91.3	82.9	72.9	-	76.8
June	106.4	106.4	98.8	73.3	-	81.6	93.2	93.2	83.0	67.8	-	73.6
July	104.9	104.9	97.4	70.0	-	79.3	90.7	90.7	80.5	63.8	-	70.2
August	102.2	102.2	96.2	70.8	-	79.3	87.5	87.5	79.5	64.9	-	70.5
September	100.1	99.6	87.8	73.9	W	77.6	86.3	86.0	76.9	67.8	68.3	70.8
October	93.4	93.0	84.7	73.7	W	80.3	79.4	79.1	74.5	65.2	W	69.9

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: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

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	10.8	2.1	34.0	1.5	1.5	5.1	W	W	7.0
November	9.7	10.0	25.5	15.1	2.3	43.0	1.9	2.0	6.1	W	W	8.4
December	10.0	10.3	25.8	14.6	2.7	43.1	2.0	2.0	6.0	W	W	8.3
1993	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	9.1	9.5	23.9	12.3	2.0	38.2	1.8	1.9	5.5	1.9	W	7.5
February	8.0	8.2	21.0	8.6	1.1	30.7	1.4	1.5	4.2	W	W	5.6
March	2.8	2.9	5.9	2.7	0.5	9.1	0.4	0.5	1.2	W	W	1.6
April	1.3	1.3	4.5	2.1	0.3	6.9	0.3	0.3	1.2	W	W	1.6
May	0.4	0.4	0.6	0.5	-	1.1	0.0	0.0	W	W	-	0.1
June	0.4	0.4	W	W	-	1.0	W	W	W	W	-	W
July	0.4	0.4	W	0.6	W	1.0	W	W	W	W	-	W
August	0.4	0.4	0.4	W	W	1.4	W	0.0	-	0.1	-	0.1
September	1.0	1.0	2.7	1.6	1.0	5.3	0.1	0.1	0.7	W	W	1.1
October	7.2	7.4	20.1	10.1	1.9	32.2	1.2	1.2	4.8	W	W	6.3
November	9.9	10.2	24.1	14.2	2.0	40.2	1.9	2.0	5.8	W	W	8.0
December	7.6	7.7	10.0	W	W	20.2	1.3	1.3	1.8	W	W	3.1
1994	4.0	4.1	9.4	5.2	0.9	15.5	0.7	0.7	2.1	0.8	W	2.9
1995												
January	5.7	5.8	8.7	8.0	1.0	17.7	1.1	1.1	W	W	W	2.6
February	3.9	3.9	4.5	4.4	0.3	9.2	0.6	0.6	W	W	-	0.9
March	1.6	1.7	2.0	1.8	-	3.8	0.1	0.1	W	W	-	0.3
April	0.5	0.5	0.8	1.1	-	1.9	0.0	0.0	W	W	-	0.2
May	0.5	0.5	0.8	1.2	-	1.9	0.0	0.0	W	W	-	0.2
June	0.5	0.5	0.8	1.2	-	2.0	0.0	0.0	W	0.1	-	0.2
July	0.5	0.5	0.8	1.2	-	2.0	0.0	0.0	W	W	-	0.2
August	0.5	0.5	0.8	1.2	-	2.0	0.0	0.0	W	0.1	-	0.2
September	0.6	0.6	1.2	1.9	1.2	4.4	0.1	0.1	0.2	0.2	W	0.6
October	3.7	3.8	7.7	W	W	15.4	0.9	0.9	W	W	W	3.3

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	13.6	10.9	11.4	36.4	15.5	2.7	54.5
November	2.7	2.8	12.7	W	W	17.5	14.2	14.7	44.4	21.4	3.2	68.9
December	2.8	2.9	13.0	W	W	17.7	14.8	15.2	44.8	20.6	3.5	69.0
1993	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	2.6	2.7	11.7	3.3	0.5	15.6	13.6	14.0	41.2	17.6	2.6	61.3
February	2.3	2.3	10.2	W	W	13.3	11.6	12.0	35.4	12.5	1.6	49.6
March	1.2	1.3	4.9	W	W	6.1	4.5	4.7	12.0	4.1	0.8	16.8
April	0.7	0.8	4.6	W	W	5.8	2.3	2.3	10.3	3.5	0.5	14.3
May	0.2	0.2	W	W	-	0.8	0.7	0.7	1.3	0.7	-	2.0
June	W	W	W	0.2	-	W	0.7	0.7	W	W	-	1.9
July	W	W	W	W	-	W	0.6	0.6	W	0.9	W	1.9
August	W	0.2	W	W	-	0.8	0.7	0.7	W	1.0	W	2.3
September	0.5	0.5	2.1	W	W	2.8	1.5	1.5	5.6	2.4	1.3	9.3
October	2.1	2.1	10.0	W	W	13.1	10.4	10.6	34.8	14.3	2.4	51.6
November	2.5	2.6	11.0	W	W	14.8	14.4	14.8	40.9	19.7	2.4	63.0
December	1.7	1.7	3.1	W	W	5.0	10.6	10.8	14.9	W	W	28.2
1994	1.2	1.2	5.0	1.4	0.2	6.6	5.9	6.1	16.5	7.4	1.1	25.0
1995												
January	1.2	1.2	W	W	W	4.2	8.0	8.1	12.7	10.6	1.2	24.5
February	0.8	0.8	W	W	-	1.9	5.3	5.4	6.0	5.7	0.3	12.0
March	0.3	0.3	W	W	-	0.8	2.1	2.1	2.6	2.3	-	4.9
April	0.1	0.1	W	W	-	0.4	0.6	0.6	1.0	1.4	-	2.4
May	0.1	0.1	W	W	-	0.4	0.6	0.6	1.0	1.5	-	2.5
June	0.1	0.1	0.1	0.3	-	0.4	0.6	0.6	1.0	1.6	-	2.6
July	0.1	0.1	W	W	-	0.4	0.6	0.6	1.0	1.6	-	2.5
August	0.1	0.1	0.1	0.3	-	0.4	0.6	0.6	1.0	1.6	-	2.6
September	0.1	0.1	0.3	0.4	W	0.9	0.8	0.8	1.8	2.5	1.4	5.8
October	0.8	0.9	W	1.3	W	4.0	5.4	5.5	12.3	W	W	22.7

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: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

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	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-	-	-	-
November	77.9	77.7	72.6	60.3	58.7	65.2	89.8	89.5	77.9	69.0	-	75.4
December	76.4	75.7	72.0	56.7	53.3	63.7	87.8	87.2	77.0	62.5	W	72.6
1994	76.4	75.8	72.0	56.9	54.3	63.8	87.9	87.3	77.0	62.8	W	72.8
1995												
January	75.8	75.2	72.2	59.0	56.0	65.1	85.3	84.8	77.1	63.2	W	73.1
February	74.4	73.8	71.2	59.1	57.5	64.7	83.5	83.1	75.6	64.2	W	72.4
March	73.0	72.4	69.9	57.3	54.0	62.7	82.1	81.7	74.5	62.1	-	70.9
April	75.0	74.5	71.4	63.9	59.6	67.3	84.0	83.7	76.4	68.4	W	74.0
May	80.3	80.1	76.3	69.5	65.0	72.3	89.1	88.8	81.3	74.1	-	79.2
June	81.7	81.4	77.4	65.9	61.6	71.1	90.3	90.0	81.9	70.8	-	78.6
July	79.2	78.6	74.2	59.6	58.1	66.3	87.7	87.3	78.2	64.7	W	74.2
August	75.4	74.8	70.1	59.3	57.5	64.0	83.5	83.1	74.2	64.1	-	71.1
September	72.6	72.2	68.3	60.5	58.0	63.9	80.5	80.2	72.4	64.7	W	70.2
October	71.7	71.2	67.2	55.7	52.9	60.9	80.3	80.0	71.6	60.2	W	68.3

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	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-	-	-	-
November	97.2	97.0	84.6	69.5	61.2	76.8	87.4	87.2	77.8	64.1	59.4	70.0
December	96.5	95.7	86.3	67.5	54.5	77.8	82.8	82.1	77.0	59.7	53.6	68.6
1994	96.6	95.8	86.1	67.7	55.8	77.7	83.1	82.4	77.1	59.9	54.7	68.7
1995												
January	95.3	94.7	85.7	68.8	58.7	78.9	82.1	81.5	77.1	61.6	56.7	69.9
February	93.5	92.9	84.4	68.9	58.8	78.5	80.6	79.9	76.0	61.8	57.8	69.4
March	89.4	88.9	83.6	66.5	57.5	76.7	79.1	78.5	74.8	59.9	54.6	67.5
April	93.4	92.9	85.1	73.2	66.9	80.8	81.0	80.6	76.4	66.4	60.9	71.8
May	98.5	98.1	90.2	80.4	74.0	86.4	86.0	85.7	81.3	72.4	66.5	76.9
June	99.6	99.2	91.4	76.6	67.4	85.7	87.4	87.1	82.3	68.7	62.6	75.9
July	97.2	96.7	87.9	69.9	62.1	81.2	84.9	84.4	78.9	62.4	58.6	71.2
August	93.3	92.7	83.4	69.5	61.6	77.5	81.1	80.5	74.8	62.1	58.3	68.5
September	91.1	90.7	81.7	70.6	63.2	77.2	78.4	78.1	73.1	63.1	59.0	68.3
October	89.8	89.3	80.3	65.4	57.1	73.9	77.6	77.2	72.0	58.4	54.0	65.5

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 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	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-	-	-	-
November	0.3	0.3	1.7	0.8	1.4	3.9	0.2	0.2	0.4	0.2	-	0.6
December	6.7	7.0	23.0	W	W	47.3	2.0	2.0	7.5	W	W	10.7
1994	0.6	0.6	2.1	1.6	0.6	4.3	0.2	0.2	0.7	0.3	W	1.0
1995												
January	7.0	7.3	19.5	15.8	4.4	39.8	2.8	2.8	7.0	W	W	9.8
February	7.5	7.8	20.8	17.8	5.1	43.7	2.9	3.0	7.4	W	W	10.3
March	7.5	7.8	20.2	17.2	5.8	43.2	3.0	3.1	7.2	3.0	-	10.2
April	7.7	8.0	20.6	17.2	3.7	41.5	3.0	3.0	7.3	W	W	10.3
May	8.0	8.2	21.1	17.8	4.8	43.7	3.0	3.0	7.5	3.1	-	10.6
June	8.3	8.5	21.6	18.5	4.3	44.5	3.1	3.2	7.7	3.3	-	11.0
July	8.1	8.3	20.8	17.6	5.5	44.0	3.0	3.0	W	W	W	10.8
August	8.2	8.5	21.0	18.0	6.6	45.7	3.1	3.1	7.6	3.3	-	10.9
September	8.0	8.3	20.4	17.0	5.6	43.0	3.2	3.2	7.4	3.0	W	10.5
October	7.8	8.0	20.5	W	W	42.7	3.0	3.0	7.4	W	W	10.5

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	-	-	-	-	-	-	-	-	-	-	-	-
1994												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-	-	-	-
November	0.3	0.3	1.4	0.4	0.5	2.2	0.7	0.7	3.5	1.3	1.9	6.8
December	2.5	2.5	12.6	W	W	20.5	11.1	11.5	43.1	W	W	78.5
1994	0.2	0.2	1.2	0.5	0.2	1.9	1.0	1.0	4.0	2.4	0.8	7.2
1995												
January	2.7	2.8	11.4	W	W	17.8	12.5	12.9	37.9	23.8	5.8	67.5
February	2.9	3.0	12.3	W	W	18.8	13.4	13.8	40.5	26.2	6.1	72.7
March	3.5	3.6	11.7	5.6	1.3	18.6	14.0	14.5	39.2	25.7	7.0	72.0
April	3.1	3.2	12.0	W	W	18.2	13.7	14.2	39.9	25.6	4.5	69.9
May	2.9	3.0	11.8	5.6	1.0	18.4	13.9	14.2	40.4	26.5	5.8	72.6
June	3.1	3.2	11.9	5.7	0.8	18.4	14.6	14.9	41.2	27.5	5.2	73.9
July	3.1	3.1	W	W	W	18.0	14.1	14.5	40.1	26.4	6.3	72.8
August	3.2	3.3	12.2	5.9	1.5	19.5	14.6	15.0	40.8	27.2	8.2	76.1
September	3.2	3.3	12.2	5.5	1.2	18.9	14.4	14.8	40.0	25.6	6.8	72.4
October	3.2	3.2	12.3	5.7	1.8	19.8	13.9	14.3	40.2	W	W	73.0

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 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	83.5	69.0	64.0	73.3	31.2	58.3	71.2	35.4
November	84.3	53.1	45.4	W	27.9	57.8	62.3	33.8
December	86.7	52.9	39.7	W	25.9	61.1	63.8	30.9
1993	-	-	-	-	-	-	-	-
1994								
January	88.4	75.9	64.4	71.4	27.3	65.1	80.9	33.2
February	89.8	77.0	67.5	72.7	29.4	68.1	82.1	35.3
March	92.0	77.4	67.2	72.6	29.1	67.2	82.1	33.2
April	92.3	76.8	69.0	73.8	29.6	69.2	80.9	31.9
May	94.1	76.3	69.0	74.8	30.1	72.1	77.6	32.0
June	93.2	77.6	68.8	75.2	29.5	70.0	76.9	31.4
July	87.6	76.3	67.9	75.0	29.6	67.5	73.9	31.0
August	NA	75.2	63.6	74.6	31.4	63.8	71.0	32.0
September	82.5	75.2	63.0	73.6	31.4	62.1	73.0	32.8
October	83.9	76.4	62.6	74.4	33.3	55.9	71.1	34.2
November	85.1	77.2	65.0	74.5	34.7	60.1	75.7	36.0
December	86.2	77.7	64.7	74.8	34.4	65.0	79.3	36.8
1994	87.2	76.5	65.2	73.6	31.1	63.4	77.6	33.6
1995								
January	86.6	78.3	67.6	74.8	34.5	66.9	79.5	36.5
February	88.3	77.5	66.3	73.5	32.3	66.6	80.4	35.3
March	88.0	76.8	66.5	73.8	32.6	68.1	79.3	35.3
April	88.3	78.5	63.8	74.1	32.4	70.6	75.9	34.2
May	90.0	78.2	65.2	76.4	32.8	74.6	73.9	34.6
June	89.5	77.9	66.2	76.5	32.5	72.4	73.1	33.6
July	84.9	77.6	63.7	75.8	31.9	66.7	69.9	33.1
August	80.9	76.1	62.4	75.4	31.5	65.7	70.5	34.1
September	80.9	76.0	61.2	74.4	32.2	62.2	71.1	34.6
October	83.5	75.3	63.5	74.9	32.5	60.2	72.1	35.0

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

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	105.3	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	93.4	63.7	67.5	72.1	72.1	72.6	59.1
1993							
January	94.3	61.6	64.3	70.2	68.4	74.2	55.8
February	94.6	63.5	65.7	70.2	69.9	75.7	58.1
March	95.4	65.3	67.8	72.2	71.8	76.1	60.1
April	92.6	63.9	68.8	71.8	72.3	72.2	59.3
May	91.1	63.1	68.8	71.4	72.7	69.9	58.9
June	88.9	61.3	67.0	70.7	69.9	67.9	56.7
July	85.6	58.0	63.9	68.7	67.1	64.8	53.0
August	84.1	57.8	63.8	67.4	67.1	64.6	53.0
September	85.5	62.0	68.3	70.7	71.7	69.2	57.7
October	88.7	67.5	73.1	78.1	77.7	75.2	63.4
November	88.5	63.7	68.2	75.1	72.6	72.9	57.5
December	86.6	55.5	60.3	65.8	62.8	67.4	47.4
1993	91.1	62.0	66.7	71.1	70.5	71.0	56.6
1994							
January	89.6	58.2	61.6	64.2	61.1	70.5	51.1
February	92.9	60.9	64.8	67.5	64.7	72.7	54.7
March	91.4	58.9	63.3	67.3	64.7	69.7	52.6
April	88.2	57.7	62.9	67.0	65.7	65.8	52.1
May	86.1	57.1	62.4	66.2	64.5	63.7	51.8
June	85.2	57.3	63.1	66.6	64.4	63.2	52.4
July	82.7	58.3	64.2	67.5	65.4	63.8	53.8
August	82.1	59.2	65.0	68.5	67.4	65.3	53.9
September	83.2	59.3	65.0	68.1	67.9	66.0	53.6
October	84.7	59.8	66.0	68.2	69.1	67.6	54.3
November	85.7	60.0	65.9	68.8	68.1	68.5	54.1
December	86.8	58.0	63.3	66.9	65.2	68.9	51.2
1994	88.4	58.7	64.1	67.3	65.5	67.5	52.9
1995							
January	87.4	57.5	62.0	65.8	64.3	69.3	50.7
February	87.9	57.8	61.8	65.1	64.0	69.9	50.8
March	87.4	57.4	62.6	65.3	65.4	67.5	50.7
April	86.2	59.7	64.9	67.0	67.9	67.5	53.8
May	86.4	60.7	66.0	68.6	69.2	67.0	55.4
June	84.7	58.3	64.0	67.6	67.7	64.5	52.5
July	82.0	56.8	62.3	66.1	66.3	62.8	51.4
August	80.6	58.8	64.2	66.7	66.4	64.2	54.1
September	82.3	60.0	65.2	68.0	69.1	66.2	55.2
October	84.1	59.5	65.1	67.6	68.7	66.4	54.1

^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	67.4	73.7	78.3	78.1	73.3	65.8
November	60.3	63.9	73.6	67.4	64.4	59.0
December	49.9	52.5	64.9	56.0	53.2	46.6
1993	-	-	-	-	-	-
1994						
January	55.0	61.3	64.2	62.3	59.9	50.2
February	57.9	64.5	67.5	64.9	62.6	53.9
March	56.9	63.4	67.3	65.1	62.2	53.8
April	56.8	63.2	67.0	66.1	62.2	53.4
May	56.6	62.7	66.2	64.9	61.6	52.7
June	57.0	63.5	66.6	64.8	61.9	53.2
July	58.1	64.6	67.5	65.9	62.9	54.7
August	59.2	65.5	68.5	67.7	64.2	54.8
September	59.4	65.7	68.1	68.3	64.4	54.9
October	59.8	66.7	68.2	69.6	65.1	55.8
November	59.6	66.5	68.8	68.5	64.9	55.6
December	56.7	63.6	66.9	65.8	62.2	52.0
1994	57.7	64.5	67.3	66.1	62.8	53.8
1995						
January	56.0	62.1	65.8	64.1	61.2	51.1
February	56.2	62.0	65.1	64.0	61.0	51.5
March	56.5	62.8	65.3	65.6	61.6	52.0
April	59.4	65.3	67.0	68.2	64.1	55.5
May	60.7	66.5	68.6	69.6	65.4	56.5
June	58.3	64.5	67.6	68.2	63.7	53.4
July	56.8	63.0	66.1	66.6	62.2	52.2
August	58.9	64.8	66.7	67.2	63.4	54.9
September	59.9	66.0	68.0	69.4	64.8	56.3
October	59.4	66.0	67.6	69.2	64.6	55.4

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: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

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	76.6	78.3	80.3	75.5	66.9	63.5	70.3	74.5	68.0	61.9
November	61.2	66.1	73.6	69.2	66.7	59.9	59.2	62.0	66.3	60.8	56.1
December	49.0	52.7	64.9	54.5	54.2	46.7	50.9	52.4	57.6	51.9	46.3
1993	-	-	-	-	-	-	-	-	-	-	-
1994											
January	56.1	62.5	64.2	63.3	60.9	50.7	53.3	59.8	60.9	57.4	48.6
February	59.5	66.2	67.5	66.2	64.1	54.4	55.2	62.6	62.9	59.2	51.9
March	59.1	65.3	67.3	66.3	64.0	54.6	53.6	61.3	63.6	58.1	50.5
April	58.5	64.9	67.0	66.5	63.7	54.0	54.3	61.5	65.5	59.0	50.9
May	57.8	64.4	66.2	66.5	62.9	53.1	54.7	60.9	63.0	58.7	51.2
June	58.0	64.7	66.6	66.8	63.3	53.6	55.4	62.2	62.5	58.9	51.5
July	59.3	66.0	67.5	67.6	64.3	55.0	56.0	63.0	63.7	59.7	52.8
August	60.1	66.8	68.5	68.6	65.2	55.1	57.7	64.4	66.6	61.8	53.7
September	60.4	67.8	68.1	69.3	65.4	55.2	57.7	63.7	66.9	61.9	53.5
October	60.9	68.8	68.2	70.2	66.0	56.1	57.7	64.6	68.8	63.0	54.2
November	60.8	68.4	68.8	69.2	65.9	56.0	57.4	64.7	67.6	62.3	54.2
December	58.1	65.2	66.9	66.0	63.4	52.2	54.5	62.1	65.5	59.4	51.0
1994	59.1	66.0	67.3	67.4	64.2	54.2	55.3	62.9	64.6	59.8	51.9
1995											
January	57.2	63.4	65.8	64.3	62.3	51.4	54.0	61.1	63.8	58.4	49.7
February	57.3	63.3	65.1	64.3	62.0	51.9	54.2	60.8	63.5	58.7	49.9
March	57.9	64.4	65.3	66.1	62.6	52.6	53.8	61.4	64.9	58.8	49.4
April	60.9	67.3	67.0	68.8	65.1	56.1	56.6	63.6	67.4	61.5	52.7
May	61.8	67.6	68.6	70.4	66.3	56.9	58.4	65.4	68.6	63.2	54.4
June	59.2	65.3	67.6	68.7	64.5	53.8	56.6	63.7	67.6	61.6	51.6
July	57.8	63.8	66.1	67.5	63.1	52.7	54.9	62.0	65.6	59.8	50.1
August	59.7	66.4	66.7	68.2	64.3	55.4	57.2	63.2	65.9	61.3	52.5
September	61.1	67.4	68.0	70.3	65.8	56.8	57.8	64.5	68.1	62.5	53.8
October	60.2	67.8	67.6	69.8	65.3	55.9	57.8	64.2	68.3	62.8	53.0

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: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

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	93.4	94.9	94.7	87.1	92.5	85.6	91.2	92.1	92.3	105.7
1993										
January	94.3	95.7	94.9	85.2	94.0	87.1	91.7	93.4	91.2	105.2
February	94.6	95.9	96.2	85.4	94.4	86.9	91.8	93.3	90.8	106.8
March	95.4	96.5	96.7	86.4	94.8	86.6	92.4	93.7	92.4	108.5
April	92.6	93.4	93.6	83.0	91.5	84.5	90.4	91.2	91.6	106.7
May	91.1	91.7	91.6	81.7	91.1	83.9	90.7	91.3	89.4	104.3
June	88.9	89.4	88.6	81.1	88.6	82.4	87.6	89.7	90.6	100.4
July	85.6	85.9	86.5	78.5	83.9	78.3	85.2	85.5	86.4	100.2
August	84.1	84.6	84.0	77.4	83.4	76.0	82.7	85.6	83.5	96.1
September	85.5	85.8	84.2	78.3	83.8	74.9	84.8	86.6	84.6	95.5
October	88.7	88.6	88.6	82.9	86.1	77.0	86.0	87.6	87.4	102.1
November	88.5	88.7	88.8	80.8	85.7	76.9	87.8	86.6	88.3	100.9
December	86.6	87.6	88.2	79.6	83.9	77.5	85.9	86.9	88.6	100.5
1993	91.1	92.1	91.9	82.6	89.7	82.8	89.3	90.4	89.9	104.5
1994										
January	89.6	91.0	90.2	83.8	88.4	80.4	87.3	88.8	92.1	102.5
February	92.9	94.6	93.8	90.4	91.3	86.6	91.4	92.3	91.5	105.5
March	91.4	92.5	92.1	85.9	88.3	83.6	89.4	91.0	91.2	102.0
April	88.2	89.0	89.4	80.8	86.0	78.2	85.1	88.3	89.2	93.7
May	86.1	86.6	85.4	76.8	85.1	75.4	83.3	86.7	84.4	83.1
June	85.2	85.6	86.1	75.6	83.7	73.1	82.3	84.6	82.0	W
July	82.7	83.1	84.2	75.6	82.1	71.8	81.6	83.0	80.5	W
August	82.1	82.4	79.7	78.0	78.7	72.8	84.0	83.8	82.3	81.9
September	83.2	83.7	80.5	78.5	81.1	72.9	84.7	83.3	83.1	86.2
October	84.7	85.2	83.7	77.5	83.0	74.0	84.4	83.9	84.9	95.5
November	85.7	86.1	84.0	77.7	83.6	73.7	85.8	84.3	86.0	97.7
December	86.8	87.3	86.1	77.5	84.2	77.3	87.2	85.3	86.1	101.3
1994	88.4	89.4	89.0	81.8	87.0	79.2	88.5	87.6	89.4	100.0
1995										
January	87.4	88.1	86.7	77.8	84.8	78.4	87.3	85.8	88.5	102.4
February	87.9	88.7	87.8	77.4	84.9	78.5	87.3	85.9	88.6	103.4
March	87.4	88.1	87.0	76.3	83.7	77.7	87.0	85.6	87.6	103.3
April	86.2	86.7	85.2	76.7	83.3	76.6	86.5	84.8	87.0	100.0
May	86.4	86.9	86.5	78.7	85.4	75.8	86.1	84.5	85.2	93.3
June	84.7	85.4	84.2	78.0	84.0	74.5	83.2	83.7	83.2	NA
July	82.0	82.5	79.4	76.9	80.6	72.9	81.7	81.6	80.0	85.1
August	80.6	81.1	77.4	76.6	80.9	73.1	85.3	81.7	82.2	W
September	82.3	82.7	79.2	76.2	81.8	73.8	84.5	82.5	82.4	86.1
October	84.1	84.7	82.3	75.8	82.2	73.9	85.6	82.5	83.1	NA

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	—	46.5	48.5	47.9
1979	70.1	71.0	71.2	69.8	70.4	65.1	—	68.8	72.7	70.9
1980	97.9	97.9	98.2	96.4	98.5	92.2	—	95.8	99.6	97.8
1981	121.4	121.5	123.2	118.1	120.5	115.0	—	114.9	118.5	118.3
1982	117.1	117.4	120.5	113.7	117.7	109.3	—	110.9	114.3	113.9
1983	110.3	107.9	112.1	105.8	108.7	101.0	102.0	100.4	100.7	106.4
1984	113.5	111.0	115.5	107.9	110.5	102.1	101.7	100.1	103.1	105.0
1985	108.8	105.9	111.3	102.3	106.3	98.0	99.4	97.5	99.1	102.1
1986	91.4	90.2	91.1	81.4	86.6	74.6	72.7	NA	74.8	81.0
1987	86.6	84.3	85.2	76.9	79.5	76.4	74.8	79.8	75.4	77.5
1988	87.0	84.8	86.3	77.8	80.5	74.2	74.3	77.6	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	100.0	93.9	102.8	89.0	92.8	86.4	82.9	87.7	81.2	87.2
1993										
January	100.5	96.2	104.4	88.6	92.4	88.5	83.5	87.3	81.8	88.1
February	101.4	96.4	104.2	89.1	93.5	88.8	84.0	88.2	82.3	87.5
March	101.7	96.2	104.3	89.8	94.2	90.1	85.4	90.0	83.1	89.9
April	99.2	95.0	100.4	89.0	90.3	87.6	85.7	86.5	84.9	90.5
May	96.2	91.6	99.5	86.7	88.4	87.0	85.4	84.8	83.6	89.2
June	94.7	87.1	97.8	83.9	85.7	87.0	83.9	81.3	82.0	87.2
July	92.3	87.4	95.1	78.8	84.5	81.0	81.1	79.4	79.1	83.2
August	91.3	85.3	92.7	77.1	84.0	80.1	78.9	77.4	76.7	82.1
September	92.4	85.9	93.6	80.4	84.9	80.5	82.1	81.2	79.3	85.5
October	94.1	89.7	96.3	83.2	85.1	84.3	85.6	87.2	82.7	89.9
November	95.8	89.4	95.9	84.7	84.2	84.3	83.9	82.4	80.2	86.6
December	94.6	87.2	93.9	84.2	85.5	84.8	79.4	78.6	77.1	82.0
1993	98.1	92.4	100.1	86.3	89.3	85.6	83.3	84.4	81.0	87.2
1994										
January	98.8	91.7	97.2	87.7	88.6	86.3	80.4	78.8	79.1	85.6
February	99.5	94.8	101.7	92.5	88.6	86.3	82.1	82.2	82.0	88.0
March	96.3	93.9	100.3	90.4	86.6	85.0	82.0	78.7	81.0	87.7
April	92.4	90.7	96.4	86.2	83.0	77.8	81.4	76.1	81.2	87.7
May	86.8	85.4	96.3	83.7	82.2	73.5	80.6	73.3	79.9	87.3
June	87.7	83.5	96.8	80.1	79.7	72.4	80.5	75.5	81.5	86.9
July	87.8	82.9	93.9	75.7	79.6	72.9	80.2	75.3	80.0	87.7
August	86.0	85.9	89.1	77.9	80.5	74.8	79.8	77.2	81.6	84.3
September	87.8	85.4	90.8	79.1	80.4	76.2	80.0	76.6	82.6	84.2
October	90.0	86.8	92.9	80.2	82.3	79.3	80.1	77.6	81.7	85.2
November	92.4	88.6	93.3	81.4	84.1	81.4	80.9	80.8	81.2	85.9
December	94.3	89.6	94.6	82.0	84.8	81.3	81.1	80.4	82.4	86.1
1994	95.0	89.5	96.6	85.7	85.3	80.9	80.8	78.4	81.2	86.3
1995										
January	94.2	NA	95.6	83.1	84.9	82.1	81.0	82.0	81.7	86.2
February	95.0	NA	97.0	83.4	84.6	82.3	80.5	80.8	80.1	85.8
March	94.2	NA	97.0	82.3	84.0	81.4	80.6	76.6	82.3	85.7
April	91.3	NA	94.8	80.9	84.0	80.2	81.4	81.5	82.7	86.3
May	89.6	87.8	96.0	81.1	83.0	76.2	81.5	81.6	83.9	86.1
June	86.7	87.4	95.9	79.5	82.3	77.3	79.0	77.0	83.7	83.5
July	83.2	85.3	92.9	75.8	81.2	75.3	77.6	76.6	82.0	82.0
August	82.6	81.9	90.3	75.5	80.8	74.3	76.3	72.9	79.3	82.1
September	85.5	83.7	91.1	77.2	81.6	76.0	79.4	75.6	81.0	84.5
October	89.3	85.0	94.9	79.6	82.5	77.1	79.6	74.6	82.1	85.5

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	99.8	105.0	93.3	101.6
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	82.8	69.8	83.8	85.0	97.0	95.1	91.7	100.5
February	83.0	85.5	83.3	71.2	83.6	84.1	96.8	95.1	89.9	101.6
March	83.9	86.6	84.0	NA	86.8	87.8	96.3	96.9	90.7	99.0
April	83.4	86.9	84.6	79.5	83.3	84.6	97.2	96.1	92.1	100.5
May	84.3	86.0	84.9	78.4	82.2	83.2	96.2	96.8	91.3	99.1
June	83.6	86.5	84.0	78.6	82.7	82.8	94.8	98.1	90.3	95.1
July	82.4	79.2	84.0	71.8	79.2	80.0	93.4	98.0	86.1	91.3
August	79.9	78.6	78.6	70.7	77.0	77.0	93.0	99.7	83.5	89.3
September	83.1	81.4	82.6	72.8	84.0	85.3	95.3	95.2	92.0	97.1
October	87.0	85.5	81.6	81.2	93.2	94.7	102.4	98.6	100.2	105.4
November	84.8	84.5	82.5	80.6	97.1	97.4	100.4	95.0	97.4	103.7
December	80.6	80.9	78.6	78.2	82.5	81.1	93.6	91.7	87.8	96.6
1993	83.2	84.0	82.3	75.4	86.0	86.2	96.8	96.1	91.8	99.9
1994										
January	80.5	81.3	79.9	75.9	73.7	73.2	90.4	88.8	86.0	92.8
February	80.6	84.2	81.8	79.3	74.0	73.7	92.5	88.6	88.3	96.3
March	80.0	82.5	82.4	75.0	76.3	77.4	93.2	89.2	88.4	97.1
April	80.3	82.7	81.4	NA	75.3	76.2	92.7	88.6	88.1	97.5
May	79.9	83.3	80.8	NA	76.6	76.9	92.3	90.0	87.6	96.2
June	79.7	82.2	79.9	NA	76.8	72.8	88.8	87.7	85.1	93.1
July	79.8	76.8	81.4	NA	75.4	74.6	85.8	88.2	82.5	NA
August	80.8	76.0	79.1	71.6	82.2	80.8	80.6	80.8	NA	NA
September	81.2	79.9	79.8	70.2	84.4	83.1	85.7	83.4	87.8	90.2
October	81.4	79.8	80.7	W	86.2	85.8	90.6	85.1	91.1	96.2
November	81.2	79.8	80.9	W	83.3	84.8	93.4	86.6	91.6	99.0
December	80.3	81.1	81.2	W	85.4	84.6	92.2	84.7	89.4	97.3
1994	80.6	81.2	81.1	71.4	78.6	78.9	90.9	86.5	88.7	95.0
1995										
January	80.1	81.2	81.1	NA	80.7	80.3	90.6	83.5	88.5	95.4
February	79.1	80.9	80.3	W	80.4	79.7	89.7	84.0	87.0	94.8
March	80.4	80.4	80.4	76.1	80.7	80.0	90.6	84.2	88.8	94.5
April	80.5	81.9	81.1	77.9	82.0	81.0	91.6	82.8	90.4	NA
May	80.5	80.8	81.5	79.2	84.0	83.2	89.1	82.3	91.5	NA
June	77.3	78.8	81.3	77.0	83.0	82.8	86.7	82.7	89.9	NA
July	76.5	76.6	81.0	W	81.7	82.9	85.4	81.7	NA	94.0
August	77.3	72.6	78.5	69.5	82.7	83.5	84.6	81.7	86.3	91.2
September	79.5	77.5	80.7	66.9	87.0	86.6	87.4	83.1	87.1	95.5
October	80.1	79.0	80.4	65.9	89.0	88.1	90.9	83.4	90.5	97.7

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

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

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

Year Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
1978	31.4	29.3	27.5	24.5	29.8	26.3
1979	46.8	45.0	38.9	36.6	43.6	39.9
1980	67.5	60.8	52.3	47.9	60.7	52.8
1981	82.9	74.8	67.3	62.2	75.6	66.3
1982	74.7	69.5	61.1	57.2	67.6	61.2
1983	69.5	64.3	61.1	59.1	65.1	60.9
1984	72.0	68.5	65.9	63.9	68.7	65.4
1985	64.4	61.0	58.2	56.0	61.0	57.7
1986	37.2	32.8	31.7	28.9	34.3	30.5
1987	44.7	41.2	39.6	36.2	42.3	38.5
1988	37.2	33.3	30.0	27.1	33.4	30.0
1989	43.6	40.7	34.4	33.1	38.5	36.0
1990	50.5	47.2	40.0	37.2	44.4	41.3
1991	40.2	36.4	30.6	29.2	34.0	31.4
1992	38.9	35.1	31.2	28.6	33.6	30.8
1993						
January	40.7	36.8	32.3	27.3	35.2	31.5
February	40.8	35.5	31.0	26.7	34.5	30.9
March	42.6	39.1	31.6	27.5	35.6	32.9
April	43.6	38.4	32.4	29.0	36.5	33.3
May	41.9	34.8	34.1	27.8	36.8	31.1
June	40.6	33.7	31.5	26.7	34.7	30.2
July	40.2	32.7	28.5	24.6	33.1	27.5
August	36.4	31.6	28.7	23.7	32.0	27.2
September	37.0	31.9	28.6	24.1	31.5	27.1
October	38.3	32.1	29.6	25.7	32.2	28.7
November	38.1	30.7	27.5	22.5	30.5	26.2
December	35.1	27.5	25.8	21.8	29.2	24.8
1993	39.7	33.7	30.3	25.6	33.7	29.3
1994						
January	39.1	33.6	27.8	22.8	32.5	28.3
February	44.8	39.3	31.3	25.7	36.8	33.8
March	39.9	30.0	29.5	24.3	32.9	27.4
April	35.2	29.4	29.5	25.8	31.1	27.5
May	35.9	31.7	31.1	27.5	32.6	29.5
June	38.6	35.8	34.2	31.1	35.6	33.5
July	41.2	37.8	37.2	34.5	38.4	36.2
August	43.0	37.1	38.2	32.7	39.6	35.2
September	41.1	32.6	32.2	27.8	34.4	30.1
October	38.7	32.6	33.0	30.6	34.5	31.6
November	40.0	35.6	35.7	32.9	36.9	34.2
December	42.2	36.9	36.9	32.0	38.3	34.1
1994	40.1	34.5	33.0	28.7	35.2	31.7
1995						
January	46.0	38.4	37.7	33.3	40.0	35.9
February	43.7	37.1	38.2	33.3	39.8	35.4
March	43.4	38.3	39.6	35.2	40.5	37.0
April	42.6	36.8	39.6	36.1	40.3	36.5
May	43.6	40.4	41.7	37.3	42.2	38.8
June	45.1	39.9	41.3	36.9	42.1	38.7
July	42.9	36.8	36.5	32.5	38.2	35.3
August	39.1	35.2	33.7	30.0	35.1	33.1
September	39.0	36.4	34.0	30.5	35.1	33.8
October	41.7	35.2	34.5	32.5	35.8	34.0

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

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

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

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

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

Year Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Total	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
1983	13.4	7.2	14.9	12.9	28.3	20.2
1984	15.1	6.7	17.8	14.6	32.9	21.3
1985	11.4	7.0	13.8	12.9	25.2	19.9
1986	15.2	7.9	16.4	10.7	31.6	18.6
1987	15.1	7.8	13.9	9.1	29.0	16.9
1988	14.2	8.7	15.9	10.3	30.2	18.9
1989	13.4	7.9	17.0	13.1	30.4	21.0
1990	11.1	7.4	14.9	10.5	25.9	17.9
1991	8.6	5.6	15.5	12.2	24.0	17.8
1992	7.1	5.2	15.3	10.0	22.4	15.2
1993						
January	7.2	4.5	13.7	5.8	20.8	10.3
February	7.7	6.8	13.7	7.7	21.4	14.4
March	7.0	6.2	12.4	7.0	19.4	13.2
April	7.2	5.7	12.7	6.7	19.9	12.4
May	5.3	6.5	9.9	7.4	15.2	13.8
June	6.1	5.6	11.0	5.7	17.1	11.3
July	6.3	4.0	9.8	7.0	16.1	10.9
August	7.4	5.3	9.9	6.5	17.3	11.7
September	6.1	5.4	11.2	8.4	17.2	13.8
October	4.1	7.0	9.5	8.3	13.6	15.3
November	3.7	5.8	9.2	7.2	13.0	13.1
December	5.9	6.0	10.2	5.4	16.1	11.4
1993	6.2	5.7	11.1	6.9	17.2	12.6
1994						
January	7.2	7.1	10.3	6.8	17.5	14.0
February	6.3	9.6	9.2	6.4	15.5	16.0
March	5.0	8.6	10.2	7.4	15.2	16.0
April	3.6	6.1	9.0	6.7	12.6	12.8
May	3.9	6.5	8.3	6.9	12.2	13.4
June	4.4	6.4	9.6	6.3	14.0	12.7
July	3.4	6.3	8.1	5.3	11.5	11.6
August	3.3	7.9	8.3	5.9	11.6	13.8
September	3.1	4.9	9.3	5.6	12.5	10.5
October	3.4	4.7	9.7	4.8	13.1	9.6
November	3.5	5.6	9.3	6.0	12.9	11.6
December	3.8	5.1	10.2	6.6	14.0	11.7
1994	4.2	6.6	9.3	6.2	13.5	12.8
1995						
January	3.6	7.6	9.3	7.5	13.0	15.1
February	4.0	9.8	10.0	7.9	13.9	17.7
March	2.9	8.4	9.1	6.1	12.0	14.5
April	2.4	6.1	8.5	4.4	11.0	10.5
May	2.6	5.4	7.9	5.6	10.5	11.0
June	2.2	7.0	8.0	4.3	10.2	11.3
July	2.7	7.6	7.4	4.2	10.1	11.8
August	3.0	7.4	8.5	5.1	11.4	12.5
September	2.5	7.5	9.3	5.9	11.8	13.4
October	2.0	7.2	8.6	5.2	10.6	12.3

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

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

Crude Oil Prices

Table 21. Domestic Crude Oil First Purchase Prices

(Dollars per Barrel)

Year Month	U.S. Average		PAD District I				PAD District II						
	U.S. Average	Less AK North Slope	Average	NY	PA	WV	Average	IL	IN	KS	KY	MI	NE
1978	9.00	9.56	12.25	W	14.72	14.48	11.91	13.81	13.70	13.20	13.73	11.86	11.40
1979	12.64	13.01	14.30	W	24.13	23.35	18.33	23.49	23.28	21.57	22.55	14.47	18.13
1980	21.59	22.65	22.66	W	37.46	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	26.82	25.33	26.20	26.16	25.42
1986	12.51	14.13	14.76	16.03	15.77	14.68	14.30	14.70	14.55	14.02	14.20	14.61	13.70
1987	15.40	16.83	16.52	17.40	17.43	16.56	17.42	17.53	17.49	17.37	17.19	17.63	17.08
1988	12.58	13.97	14.21	W	15.26	14.35	14.65	14.79	14.78	14.55	14.58	14.92	14.08
1989	15.86	17.13	17.16	W	18.15	17.18	18.04	18.36	18.37	18.18	18.36	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	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	14.70	15.98	17.16	W	18.20	17.44	17.14	17.81	17.77	17.10	17.21	17.52	15.93
February	15.53	16.79	17.87	17.78	18.21	17.45	18.09	18.75	18.81	18.04	18.08	18.57	16.88
March	15.94	17.13	18.70	18.62	18.97	18.02	18.29	18.92	18.93	18.15	18.22	18.75	16.95
April	16.15	17.17	19.19	18.71	19.25	18.20	18.20	18.86	18.83	18.06	18.12	18.70	16.91
May	16.03	16.98	18.68	18.72	18.85	17.86	17.78	18.47	18.38	17.49	17.84	18.34	16.28
June	15.06	16.04	18.11	17.85	17.98	17.57	16.74	17.47	17.42	16.34	16.83	17.29	15.40
July	13.83	14.68	16.99	W	17.07	16.41	15.51	16.25	16.25	15.09	15.78	16.00	14.10
August	13.75	14.74	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	13.72	14.91	17.32	17.26	17.24	16.88	15.77	16.70	16.47	15.22	16.12	16.31	14.26
November	12.45	13.50	15.89	15.52	16.02	15.27	14.39	15.02	15.04	14.01	14.61	14.87	12.87
December	10.38	11.51	13.99	14.31	14.59	13.63	12.21	12.85	12.83	11.80	12.37	12.81	10.77
1993	14.25	15.31	17.28	17.20	17.53	16.76	16.27	16.97	16.97	15.95	16.51	16.79	14.90
1994													
January	10.49	11.78	14.13	13.87	14.32	13.56	12.75	13.39	13.35	12.33	13.05	13.21	11.19
February	10.71	11.79	14.04	14.13	14.51	13.75	12.50	13.11	13.02	12.10	12.67	12.88	10.92
March	10.94	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	12.31	13.40	15.07	14.20	14.69	14.31	14.12	14.87	14.78	13.83	14.49	14.57	12.67
May	14.02	15.12	16.58	15.58	16.00	15.56	15.93	16.70	16.57	15.57	16.17	16.37	14.52
June	14.93	16.13	17.95	17.34	17.59	17.09	17.17	17.95	17.79	16.83	17.45	17.61	15.76
July	15.34	16.50	18.76	18.35	18.50	18.06	17.67	18.39	18.24	17.33	17.84	18.10	16.32
August	14.50	15.47	17.59	17.61	17.68	17.16	16.18	16.86	16.75	15.85	16.23	16.53	14.81
September	13.62	14.66	16.45	16.24	16.42	16.10	15.33	15.99	15.84	14.97	15.42	15.71	13.91
October	13.84	14.92	16.45	15.90	16.09	15.81	15.58	16.28	16.12	15.27	15.65	15.95	14.22
November	14.14	15.24	16.88	16.37	16.52	16.21	15.91	16.54	16.40	15.61	15.96	16.29	14.55
December	13.43	14.43	16.23	16.03	16.21	15.90	15.03	15.67	15.54	14.73	15.10	15.35	13.65
1994	13.19	14.30	16.23	15.94	16.13	15.68	15.05	15.76	15.66	14.71	15.33	15.43	13.60
1995													
January	14.00	15.20	16.69	16.13	16.34	16.04	15.95	16.59	16.49	15.68	16.03	16.28	14.60
February	14.69	15.79	17.23	16.61	16.69	16.39	16.65	17.25	17.11	16.41	16.74	17.02	15.33
March	14.68	15.70	17.27	16.94	17.05	16.74	16.47	17.09	16.99	16.24	16.60	16.82	15.15
April	15.84	16.95	18.27	17.61	17.73	17.35	17.78	18.37	18.30	17.58	17.91	18.02	16.63
May	15.85	16.98	18.36	17.92	18.02	17.60	17.52	18.01	18.01	17.33	17.52	17.80	16.44
June	15.02	15.97	17.58	17.58	17.71	17.30	16.37	16.80	16.76	16.14	16.24	16.60	15.27
July	14.01	14.85	16.27	16.13	16.23	15.86	15.21	15.74	15.64	14.97	15.17	15.44	14.08
August	14.13	15.30	16.48	16.00	16.18	15.81	15.87	16.42	16.26	15.72	15.81	16.07	14.71
September	14.49	15.54	16.75	16.13	16.26	15.98	16.17	16.73	16.59	16.01	16.17	16.35	14.95
October	13.67	14.83	16.48	16.43	16.50	16.24	15.44	15.94	15.80	15.25	15.41	15.59	14.15

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	9.86
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	28.87	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	17.86	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	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	17.00	17.13	15.87	17.67	15.31	17.21	16.93	16.96
February	17.39	18.32	18.20	17.74	17.95	18.13	16.84	18.55	16.30	18.20	17.90	17.88
March	17.68	18.88	18.39	17.82	18.18	18.32	17.04	18.84	16.48	18.41	18.14	18.07
April	17.55	19.08	18.27	17.60	18.09	18.24	16.93	18.79	16.34	18.24	18.05	18.00
May	16.99	18.82	17.97	17.02	17.74	17.76	16.59	18.36	15.85	17.92	17.68	17.73
June	15.85	17.98	17.00	15.72	16.80	17.08	15.54	17.38	14.97	16.97	16.79	16.68
July	14.59	17.03	15.76	14.43	15.52	15.44	14.27	16.14	13.81	15.73	15.46	15.53
August	14.63	16.68	15.90	14.50	15.70	15.83	14.44	16.29	13.96	15.89	15.66	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	17.38	15.99	14.80	15.75	15.99	14.46	16.44	14.48	15.99	15.71	15.58
November	13.44	15.91	14.65	13.46	14.47	14.55	13.30	15.07	13.12	14.86	14.36	14.48
December	11.20	14.40	12.45	11.21	12.35	12.27	11.00	12.92	10.93	12.62	12.23	12.46
1993	15.42	17.44	16.47	15.39	16.23	16.21	15.03	16.90	14.59	16.44	16.19	16.15
1994												
January	11.73	14.33	13.07	11.64	12.68	12.79	11.49	13.35	11.40	12.99	12.66	12.49
February	11.50	14.46	12.74	11.41	12.52	12.48	11.42	13.11	11.23	12.85	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	14.82	12.67	14.34	14.14	13.97
May	15.05	15.88	16.26	15.30	15.91	16.00	14.69	16.64	14.37	16.12	15.88	15.74
June	16.16	17.43	17.48	16.42	16.95	16.82	15.92	17.43	15.40	17.33	17.09	16.51
July	16.69	18.41	17.96	16.86	17.37	17.37	16.37	17.77	15.88	17.92	17.56	16.82
August	15.23	17.42	16.44	15.37	16.09	15.99	14.83	16.62	14.51	16.56	16.13	15.85
September	14.32	16.29	15.63	14.50	15.19	15.15	13.87	15.78	13.59	15.62	15.29	14.80
October	14.65	15.86	15.89	14.78	15.51	15.45	14.21	16.11	13.86	15.94	15.58	15.19
November	14.97	16.31	16.23	15.11	15.94	16.00	14.45	16.69	14.30	16.30	15.90	15.80
December	14.03	15.96	15.32	14.20	15.03	15.02	13.63	15.79	13.36	15.40	15.03	14.79
1994	14.08	15.98	15.33	14.24	14.97	15.00	13.74	15.60	13.45	15.32	14.98	14.75
1995												
January	15.04	16.10	16.27	15.15	15.94	15.93	14.43	16.72	14.27	16.25	15.92	15.81
February	15.74	16.50	16.98	15.88	16.55	16.58	15.16	17.23	14.83	16.94	16.58	16.29
March	15.58	16.85	16.74	15.61	16.36	16.31	14.95	16.96	14.67	16.75	16.44	16.03
April	17.01	17.56	18.07	16.90	17.69	17.79	16.17	18.38	15.95	18.08	17.73	17.41
May	16.77	17.83	17.77	16.65	17.58	17.57	16.02	18.29	15.93	17.97	17.56	17.39
June	15.56	17.50	16.63	15.48	16.47	16.39	14.82	17.11	14.83	16.78	16.42	16.40
July	14.43	16.00	15.47	14.25	15.27	15.20	13.64	15.94	13.78	15.59	15.24	15.13
August	15.10	15.90	16.17	15.04	15.86	15.80	14.32	16.58	14.30	16.32	15.92	15.50
September	15.41	16.09	16.49	15.28	16.15	16.08	14.68	16.81	14.53	16.59	16.18	15.87
October	14.66	16.38	15.70	14.41	15.42	15.45	13.93	16.03	13.81	15.76	15.44	15.19

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	17.27	19.04	17.08	19.39	16.38	12.32	11.73	15.56	13.55	10.78
1993										
January	15.95	17.46	15.78	18.24	15.08	11.24	10.83	14.16	12.16	9.16
February	16.83	18.36	16.68	18.98	16.00	11.82	11.58	14.57	12.49	9.52
March	17.20	18.51	16.82	19.24	16.47	12.53	12.28	16.06	13.15	10.00
April	17.15	18.48	16.63	19.23	16.41	13.12	12.91	16.84	13.69	10.59
May	16.78	17.94	16.23	18.87	16.11	13.40	12.96	17.40	14.37	11.25
June	15.87	17.30	15.17	18.02	15.11	12.36	11.79	15.60	13.56	10.44
July	14.57	15.82	13.88	16.76	13.91	11.10	10.81	13.20	11.80	9.18
August	14.74	15.98	14.04	16.91	14.08	10.77	10.46	13.00	11.58	8.58
September	14.22	15.51	13.50	16.25	13.57	10.77	10.55	12.75	11.40	8.46
October	14.93	16.15	14.22	16.82	14.32	10.62	10.05	13.65	11.89	9.11
November	13.58	14.86	12.78	15.81	12.92	9.75	9.06	12.36	10.89	8.13
December	11.39	12.75	10.63	13.76	10.66	7.62	7.00	9.34	8.93	6.30
1993	15.30	16.59	14.70	17.48	14.59	11.23	10.84	14.11	12.11	9.20
1994										
January	11.82	13.12	11.04	14.13	11.12	7.31	6.67	9.37	8.67	6.43
February	11.62	12.87	10.80	13.89	10.93	8.15	7.38	11.17	9.58	7.25
March	11.61	12.78	10.75	13.73	11.04	8.65	8.01	11.66	9.99	7.69
April	13.21	14.44	12.38	15.39	12.59	9.56	8.83	13.35	10.88	8.41
May	15.11	16.23	14.24	17.13	14.54	11.26	10.70	15.29	12.47	9.58
June	16.32	17.48	15.49	18.43	15.72	11.90	11.19	15.76	13.30	10.30
July	16.89	18.02	16.03	18.95	16.31	12.27	11.72	15.15	13.49	10.47
August	15.47	16.66	14.62	17.57	14.89	12.11	11.40	15.36	13.61	10.49
September	14.66	15.77	13.77	16.69	14.10	11.26	10.32	14.99	13.14	9.82
October	15.01	16.10	14.07	17.00	14.48	11.48	10.63	14.76	13.27	10.10
November	15.27	16.47	14.42	17.29	14.68	11.54	10.67	14.76	13.37	9.93
December	14.31	15.49	13.50	16.37	13.71	11.23	10.47	14.13	12.95	9.57
1994	14.27	15.44	13.43	16.38	13.67	10.53	9.77	13.87	12.12	9.32
1995										
January	15.32	16.40	14.50	17.22	14.77	11.28	10.43	14.35	13.07	9.97
February	16.05	17.02	15.21	17.87	15.55	12.01	11.31	14.80	13.55	10.41
March	15.80	16.84	14.96	17.74	15.26	12.24	11.48	15.33	13.91	10.78
April	17.16	17.81	16.26	19.16	16.73	13.17	12.36	16.73	14.77	11.95
May	17.09	17.95	16.11	18.96	16.65	13.37	12.32	17.25	15.32	12.60
June	15.91	16.67	14.92	17.77	15.55	12.92	11.95	16.55	14.93	11.61
July	14.81	15.58	13.73	16.54	14.50	12.16	11.19	15.23	14.08	10.51
August	15.39	16.17	14.39	16.84	15.09	11.61	10.23	15.20	14.08	10.71
September	15.71	16.50	14.71	17.25	15.40	12.05	10.89	15.35	14.15	10.83
October	15.06	15.70	14.17	16.79	14.67	11.19	10.03	14.33	13.49	9.99

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	8.20	8.27	9.10	13.56	12.21	13.40	11.77	9.29
February	7.38	8.90	9.00	10.08	13.32	11.92	13.17	11.65	9.07
March	8.01	9.29	9.43	10.38	13.29	11.82	13.04	11.61	9.16
April	8.83	10.22	10.31	11.40	14.91	13.38	14.76	13.24	10.87
May	10.70	11.50	11.72	12.82	16.69	15.52	16.49	15.01	12.73
June	11.19	12.49	12.72	13.66	17.41	16.62	17.74	16.18	13.97
July	11.72	12.92	13.09	13.86	17.78	17.16	18.27	16.66	14.54
August	11.40	13.11	13.25	14.03	16.72	15.74	16.85	15.26	12.99
September	10.32	12.79	12.91	13.61	15.88	14.81	15.99	14.39	12.29
October	10.63	12.82	12.61	13.67	16.21	15.11	16.27	14.71	12.61
November	10.67	12.79	12.94	13.63	16.76	15.46	16.62	15.08	12.92
December	10.47	12.33	12.47	13.55	15.88	14.59	15.71	14.17	11.96
1994	9.77	11.79	11.65	12.47	15.71	14.54	15.65	14.16	11.87
1995									
January	10.43	12.53	12.65	13.54	16.80	15.57	16.59	15.06	13.31
February	11.31	13.01	13.15	13.31	17.34	16.21	17.28	15.63	13.98
March	11.48	13.19	13.44	14.34	17.03	16.06	17.09	15.56	13.82
April	12.36	14.07	14.41	15.39	18.43	17.46	18.40	16.83	15.13
May	12.32	14.64	14.86	15.97	18.41	17.23	18.23	16.74	15.07
June	11.95	14.45	14.47	15.51	17.20	16.01	17.04	15.60	14.04
July	11.19	13.59	13.82	14.45	16.04	14.88	15.83	14.41	12.99
August	10.23	13.59	13.82	14.54	16.66	15.50	16.57	15.03	13.72
September	10.89	13.70	13.91	14.65	16.88	15.78	16.82	15.33	14.11
October	10.03	12.82	13.00	14.15	16.12	15.07	16.03	14.56	13.35

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	8.51	10.22	6.70	12.25	12.25	13.35
February	9.39	10.13	7.40	12.13	12.15	13.14
March	9.79	10.16	8.03	12.24	12.23	13.01
April	10.77	11.73	8.85	13.86	13.75	14.72
May	11.97	13.53	10.72	15.64	15.70	16.47
June	12.91	14.70	11.22	16.54	16.83	17.69
July	13.02	15.23	11.75	16.87	17.26	18.20
August	13.08	14.01	11.42	15.85	16.05	16.79
September	12.64	13.25	10.34	14.91	15.19	15.91
October	12.63	13.59	10.64	15.27	15.52	16.22
November	12.68	13.86	10.69	15.74	15.69	16.59
December	12.26	12.91	10.48	14.82	14.89	15.68
1994	11.83	12.83	9.79	14.72	14.79	15.62
1995						
January	12.48	14.04	10.45	15.73	15.63	16.55
February	12.94	14.62	11.33	16.23	16.41	17.23
March	13.09	14.46	11.49	16.10	16.25	17.02
April	14.16	15.76	12.38	17.42	17.47	18.36
May	14.71	15.75	12.34	17.46	17.46	18.18
June	14.07	14.67	11.97	16.41	16.44	16.99
July	13.17	13.66	11.21	15.14	15.29	15.80
August	13.27	14.28	10.26	15.63	15.75	16.52
September	13.41	14.62	10.92	15.88	16.05	16.77
October	12.61	13.87	10.05	15.10	15.31	15.98

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
1993										
January	-	W	14.14	17.95	15.55	18.29	12.99	15.19	15.63	15.63
February	-	W	14.64	19.06	16.13	18.13	13.68	16.51	16.36	16.49
March	W	W	15.16	19.33	16.34	18.51	14.22	16.84	16.73	16.91
April	-	W	15.04	19.21	15.23	18.36	14.52	16.76	15.46	16.41
May	-	19.14	15.15	18.90	13.62	18.29	13.89	16.63	14.09	16.16
June	-	W	14.04	18.00	W	17.03	12.44	15.86	14.20	14.95
July	W	16.48	13.09	17.46	W	16.07	11.96	14.97	13.67	14.19
August	-	17.74	13.20	17.42	W	16.73	12.56	14.68	14.13	14.18
September	W	W	13.50	16.73	W	16.06	12.72	14.23	12.72	14.13
October	W	W	13.74	17.02	11.16	16.31	11.87	14.88	12.94	13.75
November	W	W	12.27	15.80	11.15	15.29	9.97	13.85	12.19	12.45
December	W	W	11.19	14.21	W	14.19	9.34	11.86	11.47	11.44
1993	W	17.13	13.74	17.79	13.77	16.64	12.46	15.17	14.25	14.78
1994										
January	W	W	11.26	15.02	10.29	W	10.93	12.16	10.73	12.35
February	-	14.46	11.44	14.00	12.81	W	10.35	12.16	12.19	11.96
March	W	W	11.68	14.27	14.19	13.68	11.09	12.36	13.70	12.58
April	W	13.52	12.88	15.65	14.91	W	11.81	13.73	14.53	13.75
May	-	15.26	13.67	16.77	15.59	15.77	12.80	15.23	15.72	14.73
June	W	15.91	15.02	17.32	14.83	16.53	13.21	16.11	15.21	15.24
July	W	17.56	15.70	18.02	W	17.29	14.28	16.71	14.76	15.76
August	W	W	14.57	16.69	14.14	16.70	12.31	15.95	14.09	14.29
September	-	W	13.51	16.35	14.80	15.41	12.09	15.44	14.82	13.91
October	-	W	14.42	17.01	14.22	16.42	12.90	15.29	14.20	14.48
November	-	W	15.19	17.13	W	17.01	11.93	15.82	W	14.30
December	W	W	14.74	16.18	W	15.75	12.38	15.14	14.65	13.94
1994	W	15.57	13.68	16.32	14.12	15.66	12.21	14.68	14.05	14.00
1995										
January	-	W	14.98	17.13	W	W	12.61	15.57	W	14.79
February	-	W	15.79	17.43	W	16.84	13.02	16.41	15.88	15.09
March	-	W	15.74	17.19	W	W	14.23	16.62	W	15.47
April	W	W	17.16	18.96	W	W	15.97	17.51	17.33	17.18
May	W	W	17.20	18.66	W	18.42	15.76	17.96	16.69	16.93
June	-	17.71	16.07	17.66	14.90	W	13.80	16.63	14.84	15.47
July	-	W	14.77	15.97	W	W	13.33	15.54	W	14.43
August	W	W	14.54	16.48	W	16.23	13.73	15.68	15.13	14.88
September	W	W	15.24	16.91	W	16.47	13.29	16.06	14.77	14.74
October	-	W	15.01	16.50	W	16.59	12.48	15.09	W	14.10

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	29.45	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	26.86
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	17.04	18.76	15.60	20.78	17.48	20.63	15.13	19.25	17.63	17.81
1993	17.34	15.27	18.55	14.11	18.73	15.40	17.92	13.39	16.44	15.28	15.68
1993 January	—	15.28	W	14.50	18.94	16.46	19.12	14.07	17.22	16.49	16.67
1993 February	—	15.84	W	14.98	19.92	17.30	19.28	14.60	18.17	17.30	17.44
1993 March	W	16.48	W	15.50	20.25	17.56	19.43	15.14	18.44	17.62	17.84
1993 April	W	16.79	20.01	15.56	20.18	17.46	19.32	15.55	18.41	17.45	17.71
1993 May	W	16.82	20.67	15.57	19.83	16.45	19.33	14.91	18.33	16.56	17.22
1993 June	—	16.25	W	14.49	18.94	15.83	18.67	13.49	17.42	15.92	16.06
1993 July	W	15.30	17.86	13.44	18.31	14.95	17.51	12.92	16.45	14.98	15.32
1993 August	—	14.94	19.28	13.66	18.10	15.04	17.56	13.32	16.04	15.09	15.23
1993 September	W	14.56	W	13.83	17.65	14.31	16.95	13.46	15.53	14.34	14.85
1993 October	W	15.14	W	14.11	17.98	14.13	16.67	12.70	15.68	14.34	14.70
1993 November	W	14.28	W	12.63	16.72	13.03	16.57	10.81	14.74	13.15	13.34
1993 December	W	12.44	15.72	11.39	15.09	11.74	15.14	10.14	12.82	11.67	12.05
1994 January	W	12.13	W	11.61	15.76	11.66	14.98	11.78	13.52	11.86	12.94
1994 February	—	12.05	16.17	11.73	14.68	12.32	15.40	11.12	13.60	12.24	12.59
1994 March	W	11.92	W	11.97	15.13	13.31	14.67	11.87	13.33	12.85	13.05
1994 April	W	13.43	15.08	13.23	16.46	14.30	15.31	12.72	15.09	14.21	14.47
1994 May	—	15.25	16.42	14.10	17.36	15.81	16.33	13.53	16.48	15.72	15.62
1994 June	W	16.45	17.00	15.44	18.21	16.60	17.40	14.15	17.18	16.58	16.48
1994 July	W	17.53	18.41	16.17	18.74	16.81	17.96	15.02	17.73	16.86	16.88
1994 August	W	16.51	19.96	14.97	17.78	15.68	17.41	13.24	16.92	15.72	15.69
1994 September	W	15.50	W	14.04	17.39	15.62	16.62	13.04	16.38	15.46	15.25
1994 October	W	15.54	W	14.82	17.85	15.41	17.06	13.85	16.28	15.34	15.51
1994 November	W	16.06	W	15.61	18.04	15.85	17.19	13.03	16.97	15.84	15.63
1994 December	W	15.41	16.99	15.56	17.24	15.56	16.84	13.50	16.45	15.56	15.34
1995 January	W	16.03	W	15.52	17.64	16.66	17.35	13.66	16.94	16.65	16.14
1995 February	W	16.74	W	16.23	18.24	17.11	17.70	14.01	17.57	17.03	16.49
1995 March	W	16.88	18.78	16.34	18.13	17.41	18.00	15.29	17.78	17.33	16.86
1995 April	W	18.27	W	17.56	19.82	18.45	18.53	16.95	18.55	18.41	18.34
1995 May	W	18.44	W	17.69	19.45	17.71	19.16	16.68	18.86	17.70	17.90
1995 June	—	17.28	18.98	16.58	18.74	16.39	18.71	14.85	17.96	16.41	16.62
1995 July	W	16.33	17.27	15.28	17.29	15.73	17.44	14.21	16.72	15.74	15.69
1995 August	W	16.35	17.47	15.12	17.39	16.16	17.28	14.68	16.68	16.12	16.04
1995 September	W	16.37	W	15.74	17.86	16.30	17.46	14.28	17.19	16.33	16.20
1995 October	W	15.29	W	15.60	17.48	15.64	17.48	13.35	16.79	15.65	15.44

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.

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 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	11.83	13.96	16.74	18.02	19.50	19.58	20.05
1993							
January	11.69	12.53	15.50	16.21	17.71	17.57	W
February	12.19	13.21	16.75	16.98	18.68	18.67	18.63
March	12.81	13.71	17.11	17.39	18.77	19.71	20.50
April	12.60	13.90	16.70	16.93	18.84	18.92	W
May	12.22	13.65	16.60	16.49	18.43	18.95	19.50
June	11.16	12.43	16.00	16.03	17.57	W	W
July	10.58	11.85	14.62	15.31	16.71	18.97	17.50
August	11.48	12.09	14.17	15.03	16.64	W	18.55
September	11.81	12.01	14.23	14.49	16.21	16.48	17.04
October	11.17	11.89	14.13	14.93	16.46	16.71	16.61
November	9.61	10.21	13.27	13.92	15.35	16.21	W
December	8.93	9.31	11.02	12.03	13.68	14.54	13.55
1993	11.33	12.22	15.14	15.44	17.04	17.53	17.61
1994							
January	10.54	10.05	12.65	12.19	14.05	14.85	14.24
February	9.32	9.84	12.05	12.95	13.79	14.15	14.30
March	9.60	10.17	12.46	13.55	13.82	14.04	13.70
April	10.68	11.51	14.36	14.43	15.22	W	15.21
May	11.45	12.42	14.99	15.80	16.25	15.69	W
June	11.91	13.58	15.99	16.09	17.08	W	17.47
July	13.01	14.49	16.88	16.64	17.75	16.96	17.61
August	10.66	13.12	14.83	15.57	16.94	W	17.40
September	11.55	12.22	14.73	15.30	15.93	16.09	16.00
October	11.66	13.14	14.93	15.12	16.57	W	16.10
November	11.93	13.08	14.83	15.41	17.02	17.03	16.73
December	12.46	12.67	14.50	14.94	16.03	15.87	16.78
1994	11.43	12.19	14.45	14.93	15.91	15.70	16.11
1995							
January	12.46	13.20	15.27	15.78	16.81	15.82	17.02
February	12.97	13.69	16.13	16.26	17.20	17.12	W
March	13.46	14.38	16.14	16.87	17.32	16.88	17.86
April	15.01	15.89	17.65	17.87	18.72	17.87	18.00
May	15.17	15.91	17.62	17.44	18.68	18.51	18.84
June	13.75	14.53	16.30	16.35	17.48	18.04	17.72
July	12.98	13.20	15.28	15.55	16.18	W	16.48
August	12.71	13.46	15.83	15.47	16.47	W	16.46
September	12.85	13.27	15.90	15.49	16.87	W	17.04
October	11.63	12.44	15.22	14.89	16.52	W	W

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 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
1993							
January	13.07	13.09	16.23	17.15	18.48	18.48	19.00
February	13.25	13.79	17.04	17.94	19.22	19.49	19.64
March	13.94	14.49	17.56	18.17	19.51	20.41	21.29
April	13.87	14.73	17.49	18.13	19.55	20.22	20.05
May	13.43	14.53	17.33	17.45	19.31	20.18	20.64
June	12.37	13.19	16.62	16.81	18.54	18.94	19.43
July	11.74	12.66	15.48	16.06	17.61	18.77	18.46
August	12.40	12.86	14.97	15.77	17.37	18.78	18.35
September	12.63	12.67	14.82	15.08	16.97	17.41	17.38
October	12.07	12.67	14.82	15.23	17.12	17.64	17.62
November	10.55	10.98	13.73	14.19	16.27	17.09	14.92
December	9.72	9.91	11.60	12.43	14.37	15.33	14.41
1993	12.44	12.96	15.72	16.06	17.88	18.38	18.22
1994							
January	11.39	10.70	12.93	12.85	14.55	15.21	14.63
February	10.24	10.43	12.38	13.21	14.37	14.43	14.63
March	10.61	10.82	12.88	13.33	14.59	14.33	14.43
April	11.53	12.24	14.59	14.80	15.72	15.73	15.47
May	12.36	13.12	15.56	16.30	16.87	16.55	16.50
June	12.93	14.36	16.84	16.99	17.78	17.82	17.80
July	13.87	15.23	17.35	17.40	18.32	18.50	18.81
August	11.71	13.83	15.68	16.49	17.53	18.06	18.77
September	12.44	13.06	15.36	16.03	16.81	17.01	16.65
October	12.76	13.84	15.59	15.84	17.08	17.24	16.90
November	13.22	13.85	15.78	16.34	17.41	17.51	17.44
December	13.54	13.83	15.30	15.92	16.79	17.28	17.22
1994	12.42	12.93	15.10	15.61	16.65	16.64	16.91
1995							
January	13.91	14.06	16.26	16.88	17.27	16.74	17.41
February	14.21	14.62	16.88	17.23	17.84	17.99	17.20
March	14.72	15.31	16.96	17.67	17.94	18.16	18.53
April	15.94	16.74	18.43	18.71	19.05	18.83	18.93
May	16.20	16.75	18.26	18.12	19.28	19.21	18.92
June	14.78	15.44	17.03	17.20	18.59	18.51	18.82
July	13.96	14.09	15.97	16.34	17.15	17.30	17.81
August	13.70	14.30	16.38	16.36	17.32	16.95	16.55
September	14.04	14.20	16.49	16.66	17.55	18.60	18.02
October	12.79	13.40	15.88	15.94	17.32	17.78	17.31

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 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	4.05	17.64	22.41	31.38	20.49	3.00	1.04
1993							
January	4.52	18.16	22.93	28.47	23.99	1.48	0.45
February	4.19	18.11	19.48	35.50	17.92	3.57	1.22
March	4.98	18.66	20.35	28.62	23.43	2.50	1.46
April	3.87	19.19	18.99	34.21	20.14	2.46	1.14
May	4.08	17.79	20.20	30.71	22.34	3.43	1.45
June	5.15	18.63	18.93	32.48	22.10	1.55	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	4.67	19.54	18.63	31.51	21.74	1.89	2.02
October	4.78	18.66	16.53	36.43	17.94	3.57	2.10
November	4.39	18.81	19.45	34.22	18.98	3.15	1.00
December	3.46	16.62	14.68	39.78	19.54	4.06	1.87
1993	4.52	18.79	19.24	32.49	20.99	2.59	1.39
1994							
January	4.11	23.91	21.31	25.95	19.61	3.91	1.19
February	2.31	22.26	18.45	28.61	22.18	4.36	1.83
March	2.84	19.63	19.11	31.67	23.06	2.25	1.44
April	3.83	20.65	20.98	31.93	19.27	1.51	1.82
May	3.29	18.38	17.25	30.44	27.38	2.24	1.03
June	3.74	19.70	17.26	31.58	25.64	0.80	1.28
July	4.61	16.73	20.40	29.89	22.48	2.99	2.91
August	3.66	17.89	16.13	31.55	26.68	2.21	1.89
September	3.75	18.25	16.21	33.46	22.93	3.03	2.36
October	4.31	16.62	19.92	31.89	21.57	3.21	2.48
November	4.03	18.13	17.87	30.78	23.73	3.74	1.72
December	5.04	17.60	17.59	30.05	23.92	3.50	2.31
1994	3.80	18.98	18.46	30.77	23.37	2.75	1.87
1995							
January	3.73	18.42	21.31	27.35	23.11	2.46	3.63
February	4.64	18.12	15.63	33.23	23.96	2.74	1.70
March	5.79	17.57	17.28	33.09	22.12	2.71	1.45
April	3.65	19.15	19.15	30.82	22.43	3.83	0.97
May	4.82	16.24	17.01	30.42	23.98	6.38	1.15
June	5.66	18.65	17.13	32.31	22.01	2.51	1.73
July	5.31	19.27	16.21	34.76	19.71	2.96	1.78
August	4.21	19.46	17.82	29.45	24.03	3.24	1.80
September	4.15	18.23	17.25	29.33	26.77	1.65	2.62
October	4.78	17.74	16.04	30.86	27.52	1.21	1.86

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 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 Average	W	15.65	W	W	14.57	15.95	12.03
1994							
January	W	W	W	—	W	12.98	9.90
February	—	13.40	W	—	W	12.71	9.87
March	W	13.65	W	—	W	12.89	10.01
1st Quarter							
Average	W	13.33	W	—	12.33	12.88	9.92
April	W	14.40	W	—	W	14.52	11.41
May	—	W	W	—	W	15.80	12.32
June	W	16.02	W	W	W	W	13.70
2nd Quarter							
Average	W	15.20	W	W	15.20	15.56	12.48
July	W	16.67	W	—	W	W	14.46
August	W	15.54	W	—	—	W	13.32
September	—	15.33	W	—	—	W	12.22
3rd Quarter							
Average	W	15.89	W	—	W	W	13.33
October	—	15.95	W	—	—	W	13.42
November	—	W	W	—	—	W	14.04
December	W	W	W	—	W	W	13.53
4th Quarter							
Average	W	15.89	W	—	W	W	13.67
1994 Average	W	15.15	W	W	13.70	14.79	12.39
1995							
January	—	W	W	—	W	W	13.82
February	—	16.60	W	—	W	W	14.60
March	—	16.54	W	—	W	W	14.86
1st Quarter							
Average	—	16.45	W	—	W	W	14.42
April	W	17.45	W	W	W	W	15.99
May	—	17.97	W	—	18.42	W	16.22
June	—	W	15.36	—	W	W	14.88
2nd Quarter							
Average	W	17.44	16.19	W	17.95	W	15.67
July	—	W	W	—	W	15.85	13.42
August	W	W	W	—	—	16.09	13.26
September	W	W	W	—	W	16.26	13.62
3rd Quarter							
Average	W	W	W	—	16.00	16.09	13.42
October	—	15.63	12.31	—	—	W	13.10

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 Average	17.63	17.89	19.03	15.61	12.70	16.77	9.17
1994							
January	W	W	—	W	W	W	—
February	14.20	14.22	—	W	—	W	—
March	W	W	—	W	W	W	W
1st Quarter							
Average	14.45	14.50	—	13.57	W	W	W
April	—	W	—	W	W	W	W
May	—	W	—	W	W	W	W
June	W	W	—	W	W	W	W
2nd Quarter							
Average	W	16.55	—	W	14.85	W	W
July	—	W	—	W	W	W	W
August	W	W	—	W	W	W	W
September	W	W	—	15.44	—	W	—
3rd Quarter							
Average	W	W	—	14.86	W	W	8.78
October	—	W	—	W	W	W	W
November	W	W	—	W	—	W	—
December	W	W	—	W	—	W	W
4th Quarter							
Average	16.94	W	—	W	W	W	W
1994 Average	15.56	16.06	—	14.83	13.54	W	8.56
1995							
January	W	W	—	W	—	W	—
February	—	W	—	W	W	W	W
March	—	W	W	W	—	W	W
1st Quarter							
Average	W	W	W	W	W	W	W
April	W	W	—	W	—	W	—
May	W	W	—	W	—	W	W
June	W	W	—	W	—	—	W
2nd Quarter							
Average	18.77	W	—	W	—	W	W
July	—	W	—	W	—	W	W
August	—	16.41	—	W	—	W	W
September	—	W	W	W	—	W	W
3rd Quarter							
Average	—	16.41	W	W	—	W	W
October	—	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	28.63	25.35	29.51	28.79	29.46	25.84
1985 Average	27.21	27.48	24.38	27.94	26.97	27.60	24.57
1986 Average	14.54	14.27	13.52	13.71	14.39	14.28	11.24
1987 Average	17.72	18.43	15.98	18.63	17.60	18.32	16.03
1988 Average	W	14.96	12.21	15.21	13.77	14.69	11.65
1989 Average	W	18.15	15.36	18.71	17.69	W	15.14
1990 Average	W	20.01	19.55	19.76	21.63	23.79	17.75
1991 Average	W	18.31	14.63	W	17.52	19.16	13.62
1992 Average	W	19.59	W	W	18.52	18.40	13.80
1993 Average	W	16.95	13.65	W	15.79	16.50	12.45
1994							
January	W	13.73	W	—	12.64	13.52	10.32
February	—	14.35	10.52	—	13.80	13.29	10.31
March	W	14.28	10.58	—	13.20	13.44	10.43
1st Quarter							
Average	W	14.13	10.60	—	13.08	13.43	10.35
April	W	15.43	12.40	—	14.72	15.10	11.83
May	—	16.45	14.21	—	16.20	16.11	12.74
June	W	17.25	15.79	W	16.87	W	14.15
2nd Quarter							
Average	W	16.35	13.90	W	15.92	16.09	12.89
July	W	17.53	16.34	—	16.62	W	14.87
August	W	16.59	15.69	—	16.35	W	13.78
September	W	16.52	W	—	15.52	W	12.64
3rd Quarter							
Average	W	16.94	15.52	—	16.29	W	13.76
October	W	16.59	W	—	15.65	W	13.80
November	W	16.94	W	—	W	W	14.42
December	W	16.54	W	—	15.75	W	14.58
4th Quarter							
Average	W	16.68	W	—	15.82	W	14.24
1994 Average	W	16.07	13.58	W	15.24	15.36	12.79
1995							
January	W	16.68	15.15	—	16.50	W	14.33
February	W	17.42	16.00	—	17.23	W	15.00
March	W	17.67	16.39	—	16.91	W	15.42
1st Quarter							
Average	W	17.35	15.81	—	16.85	W	14.92
April	W	18.57	17.76	W	18.12	W	16.29
May	W	18.73	17.83	—	18.85	W	16.74
June	—	18.00	16.48	—	17.38	W	15.43
2nd Quarter							
Average	W	18.43	17.31	W	18.20	W	16.14
July	W	16.60	15.35	—	15.63	16.20	13.92
August	W	16.13	W	—	15.67	16.56	13.74
September	W	16.83	W	—	W	16.82	14.10
3rd Quarter							
Average	W	16.51	15.58	—	15.80	16.54	13.91
October	W	16.73	13.46	—	W	W	13.69

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	16.65
1988 Average	16.06	16.02	15.45	14.04	12.80	15.84	13.23
1989 Average	19.34	19.38	18.67	17.96	16.56	18.83	13.16
1990 Average	24.29	23.21	21.53	22.49	21.46	24.40	13.43
1991 Average	22.27	21.57	21.66	18.49	15.28	21.65	10.17
1992 Average	21.25	20.85	20.96	18.54	16.10	20.68	9.65
1993 Average	18.66	18.75	19.72	16.62	14.19	18.02	11.32
1994							
January	W	W	—	12.81	10.64	14.98	—
February	14.73	14.87	—	13.42	10.85	W	—
March	W	W	—	13.88	11.74	14.82	W
1st Quarter							
Average	15.03	15.10	—	13.46	11.15	15.14	W
April	W	16.42	—	15.32	13.19	15.01	W
May	W	W	—	16.85	14.79	16.41	W
June	17.90	W	—	17.38	16.00	17.63	W
2nd Quarter							
Average	16.56	17.27	—	16.46	14.67	16.61	W
July	—	18.72	—	17.01	16.57	17.95	W
August	18.43	17.91	—	16.34	14.85	17.59	W
September	17.61	17.42	—	16.36	14.71	17.04	W
3rd Quarter							
Average	17.96	18.03	—	16.56	15.43	17.56	10.86
October	—	17.60	—	15.87	14.69	17.25	W
November	W	W	—	16.60	15.52	17.19	—
December	W	18.33	—	16.15	14.64	17.59	W
4th Quarter							
Average	17.82	18.02	—	16.16	14.94	17.29	W
1994 Average	16.30	17.23	—	15.83	14.27	16.65	10.81
1995							
January	W	17.85	—	17.03	15.97	17.50	—
February	W	18.29	—	17.63	16.40	17.75	W
March	W	18.37	W	17.89	W	18.07	W
1st Quarter							
Average	W	18.15	W	17.52	16.26	17.89	W
April	19.80	20.10	—	18.56	W	18.47	—
May	19.53	W	—	17.83	W	19.19	W
June	20.26	W	—	16.76	W	19.16	W
2nd Quarter							
Average	19.73	19.64	—	17.82	W	18.94	W
July	18.09	W	—	16.33	W	17.44	W
August	17.49	17.44	—	16.27	W	17.41	W
September	W	17.81	18.24	16.59	15.44	17.46	W
3rd Quarter							
Average	18.09	17.55	18.24	16.42	15.34	17.44	W
October	—	W	—	15.99	W	17.43	—

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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.

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												
October 1995	70.0	69.6	63.5	53.6	50.4	56.2	78.0	77.4	68.8	57.9	NA	63.4
September 1995	72.4	72.0	65.8	58.3	53.5	59.8	80.3	79.8	70.7	62.2	NA	66.4
October 1994	72.8	72.2	65.9	55.4	50.2	58.3	81.3	80.4	71.2	59.5	NA	65.9
PAD District I												
October 1995	69.7	69.1	62.9	52.9	51.9	56.3	79.1	78.2	68.7	57.2	W	62.9
September 1995	71.9	71.4	66.3	57.9	55.9	60.6	81.3	80.6	71.9	61.9	W	66.9
October 1994	71.8	70.8	64.6	54.6	50.3	57.9	81.9	80.7	70.9	59.1	W	65.3
Subdistrict IA												
October 1995	76.7	76.1	69.7	58.2	54.3	62.3	86.6	84.8	76.7	62.4	—	70.0
September 1995	78.5	78.0	72.6	62.7	56.2	65.8	88.4	86.9	79.6	66.7	—	73.6
October 1994	76.6	75.7	66.7	55.1	48.4	57.6	87.5	85.8	73.4	59.3	W	66.7
Connecticut												
October 1995	74.9	74.2	68.1	58.4	53.4	61.7	84.9	81.9	74.4	62.8	—	69.0
September 1995	77.2	76.6	71.3	62.8	NA	66.5	87.2	84.8	77.6	67.0	—	72.6
October 1994	75.4	74.5	68.1	56.5	W	59.8	87.0	84.7	74.3	60.4	—	67.5
Maine												
October 1995	78.4	77.6	68.9	58.6	53.2	59.5	89.3	87.7	80.2	62.2	—	67.9
September 1995	79.9	79.6	71.4	62.6	58.7	64.0	90.5	89.3	82.5	66.3	—	71.4
October 1994	77.5	76.9	64.7	55.0	48.2	55.6	87.3	86.2	76.8	58.5	W	62.5
Massachusetts												
October 1995	77.1	76.5	71.3	58.1	NA	63.2	87.0	85.5	78.2	62.7	—	71.4
September 1995	78.6	78.1	73.8	62.7	56.1	65.7	88.7	87.2	80.8	66.9	—	75.0
October 1994	75.4	74.3	66.8	54.4	46.0	57.4	87.1	85.6	73.0	58.8	—	67.1
New Hampshire												
October 1995	76.2	75.9	68.4	60.4	—	65.8	86.9	85.9	75.3	64.3	—	72.9
September 1995	78.7	78.3	72.2	63.6	—	69.4	88.8	87.9	78.1	67.3	—	75.9
October 1994	78.1	77.5	65.3	55.9	—	62.3	88.4	87.2	72.3	58.0	—	69.1
Rhode Island												
October 1995	72.5	72.4	68.2	56.4	W	60.1	81.4	80.9	74.0	60.2	—	67.1
September 1995	74.2	74.1	70.7	61.9	W	63.4	83.7	83.3	77.5	65.8	—	71.3
October 1994	77.5	76.3	63.5	54.0	48.9	53.1	86.7	85.5	69.5	58.8	—	64.1
Vermont												
October 1995	81.1	80.1	70.3	57.9	—	66.9	89.9	87.8	76.2	62.1	—	72.3
September 1995	82.7	81.7	73.4	63.2	—	70.6	91.8	89.7	79.1	67.5	—	75.8
October 1994	82.4	81.1	68.6	56.0	—	65.2	91.4	89.0	74.8	60.3	—	71.4
Subdistrict IB												
October 1995	72.9	72.2	64.2	55.6	51.8	58.0	82.1	81.0	70.6	60.4	W	66.6
September 1995	75.5	74.8	67.7	60.7	55.9	62.1	84.7	83.7	73.6	64.9	W	70.2
October 1994	74.0	72.9	66.5	56.4	51.1	59.9	83.8	82.3	73.1	61.4	—	68.9
Delaware												
October 1995	72.3	71.5	64.3	56.7	W	59.8	82.6	81.7	70.4	60.3	—	65.2
September 1995	75.2	74.4	67.9	61.1	W	64.3	85.3	84.4	73.8	64.8	—	69.7
October 1994	70.9	69.8	63.9	54.5	W	58.3	82.3	81.1	69.9	58.9	—	63.5
District of Columbia												
October 1995	NA	62.2	64.9	W	—	64.8	NA	74.5	69.4	—	—	69.4
September 1995	W	65.2	67.7	W	—	67.7	W	74.9	71.5	—	—	71.5
October 1994	W	62.0	66.8	W	—	66.6	W	NA	70.4	—	—	70.4
Maryland												
October 1995	71.8	69.0	63.1	54.7	W	59.7	80.1	77.5	68.3	59.5	W	65.3
September 1995	74.4	71.8	65.9	59.7	W	63.4	82.9	80.6	70.6	64.4	W	68.6
October 1994	73.1	69.3	64.9	54.6	W	61.3	83.2	79.3	71.3	60.0	—	68.2
New Jersey												
October 1995	75.4	74.5	69.0	56.9	51.9	57.4	87.2	85.9	74.3	63.5	—	70.8
September 1995	77.7	77.0	71.5	61.5	56.0	60.8	89.7	88.6	76.6	66.9	W	73.4
October 1994	77.0	75.5	71.0	59.7	50.1	59.7	90.1	88.7	76.9	65.2	—	73.3
New York												
October 1995	74.0	73.5	62.8	56.7	NA	59.1	83.6	82.4	71.5	62.2	—	68.4
September 1995	76.3	75.9	67.1	61.9	NA	63.5	85.9	85.0	75.3	66.9	—	72.6
October 1994	75.4	74.6	66.9	57.6	56.7	62.2	85.7	84.1	75.6	63.4	—	71.7
Pennsylvania												
October 1995	71.2	70.7	63.0	54.3	49.9	56.7	79.9	79.4	68.6	58.8	—	63.4
September 1995	74.1	73.6	66.7	59.3	56.0	61.3	82.7	82.2	72.0	63.2	—	67.3
October 1994	71.8	71.3	63.9	54.5	51.2	57.4	81.0	80.4	69.6	59.8	—	64.8

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
United States												
October 1995	86.7	85.8	76.4	63.0	54.5	68.4	74.1	73.6	67.3	55.7	50.9	59.3
September 1995	89.1	88.2	78.8	67.9	58.7	72.0	76.4	75.9	69.6	60.4	54.0	62.8
October 1994	90.0	88.8	80.0	65.3	55.7	71.9	77.0	76.2	69.9	57.5	50.7	61.7
PAD District I												
October 1995	88.0	86.9	76.6	62.9	55.8	68.7	75.1	74.3	67.6	55.6	52.7	60.1
September 1995	90.2	89.2	79.9	68.1	62.6	73.3	77.2	76.6	70.9	60.6	56.9	64.3
October 1994	91.3	89.8	80.3	65.8	59.3	72.9	77.5	76.4	70.0	57.7	51.2	62.4
Subdistrict IA												
October 1995	95.0	93.3	83.2	67.6	56.2	74.6	81.5	80.6	73.8	60.6	54.5	65.7
September 1995	97.0	95.5	86.2	72.7	63.6	78.5	83.3	82.6	76.8	65.1	57.2	69.3
October 1994	95.9	94.4	81.4	66.9	W	73.6	82.2	81.1	71.3	58.2	48.9	61.9
Connecticut												
October 1995	94.1	92.4	81.1	68.4	W	74.1	80.1	79.0	72.1	61.1	53.4	65.2
September 1995	97.2	95.5	84.6	73.6	—	79.0	82.5	81.5	75.4	65.6	NA	70.0
October 1994	97.2	95.8	82.4	68.9	W	74.5	82.0	80.8	72.7	59.9	52.3	64.0
Maine												
October 1995	96.6	95.0	80.5	68.1	W	70.2	82.4	81.5	72.8	60.5	53.8	62.0
September 1995	98.0	96.5	83.3	72.3	W	73.7	84.0	83.5	75.4	64.5	59.9	66.5
October 1994	94.7	93.5	77.5	66.5	W	68.6	81.7	81.0	68.6	57.5	49.4	58.5
Massachusetts												
October 1995	95.8	93.3	85.5	67.1	W	75.9	82.2	81.3	75.8	60.5	NA	66.9
September 1995	97.3	95.4	88.1	72.3	W	79.3	83.7	82.9	78.5	65.1	57.1	69.7
October 1994	95.4	93.1	81.8	65.9	W	74.0	81.6	80.2	71.7	57.4	46.6	62.1
New Hampshire												
October 1995	94.1	93.9	80.7	70.0	—	77.6	80.8	80.4	71.9	62.5	—	68.9
September 1995	96.7	96.4	84.4	74.4	—	81.5	83.2	82.8	75.5	65.9	—	72.5
October 1994	95.9	95.3	79.5	67.2	—	75.9	82.8	82.1	69.3	58.5	—	66.1
Rhode Island												
October 1995	89.1	88.7	81.6	65.7	—	72.2	77.4	77.1	72.4	58.9	W	63.6
September 1995	91.7	91.3	84.4	71.7	W	75.7	79.3	79.1	75.1	64.5	W	66.9
October 1994	92.3	91.8	78.1	65.8	—	71.0	82.6	81.5	68.2	57.3	48.9	56.5
Vermont												
October 1995	99.6	98.1	81.8	68.2	—	78.1	85.6	84.4	73.2	60.3	—	69.6
September 1995	100.1	97.7	85.8	72.8	—	82.3	87.0	85.7	76.5	65.5	—	73.5
October 1994	101.4	99.6	82.9	67.0	—	78.8	87.2	85.6	72.3	58.7	—	68.8
Subdistrict IB												
October 1995	90.8	89.5	78.6	65.3	56.0	70.8	78.1	77.1	69.5	58.3	52.7	62.2
September 1995	93.0	91.9	81.8	70.8	63.6	76.1	80.6	79.8	72.8	63.3	57.0	66.3
October 1994	93.2	91.2	82.8	68.0	60.1	76.3	79.6	78.3	72.4	59.6	52.2	65.1
Delaware												
October 1995	91.8	90.4	78.5	66.1	W	71.5	77.5	76.6	68.2	59.1	W	63.0
September 1995	94.7	93.5	81.5	70.9	—	76.4	80.5	79.6	71.6	63.6	W	67.5
October 1994	91.3	90.2	78.5	66.4	—	71.5	76.9	75.7	68.1	57.9	W	62.0
District of Columbia												
October 1995	NA	NA	76.9	—	—	76.9	NA	68.3	71.6	W	—	71.6
September 1995	W	79.1	78.8	—	—	78.8	W	70.9	73.8	W	—	73.8
October 1994	W	74.6	80.4	—	—	80.4	W	66.0	74.1	W	—	74.0
Maryland												
October 1995	87.1	84.1	74.1	65.3	W	71.4	76.5	73.6	67.2	57.8	W	63.7
September 1995	89.6	86.7	76.4	70.3	W	74.4	79.1	76.6	69.7	62.9	W	67.2
October 1994	90.6	86.6	78.6	65.8	W	75.0	78.7	74.7	70.0	58.2	55.3	66.2
New Jersey												
October 1995	95.4	93.9	83.2	65.1	56.3	69.5	82.8	81.7	75.0	60.0	52.9	61.9
September 1995	97.9	96.6	85.6	70.7	63.6	76.0	85.2	84.2	77.3	64.7	57.1	65.4
October 1994	98.7	96.3	85.5	70.6	59.5	77.6	85.0	83.3	77.2	63.5	51.4	66.1
New York												
October 1995	91.3	90.3	78.6	66.2	57.2	73.6	78.7	77.9	68.7	59.1	NA	63.7
September 1995	92.9	92.2	82.7	72.0	64.1	78.7	80.9	80.3	72.9	64.3	NA	68.1
October 1994	94.7	92.3	85.1	70.1	W	79.8	80.6	79.4	73.7	60.7	58.2	67.8
Pennsylvania												
October 1995	88.0	87.2	75.8	64.6	52.5	68.0	75.9	75.3	66.8	56.9	50.4	59.9
September 1995	90.6	89.9	79.7	69.8	63.3	73.2	78.7	78.2	70.5	61.8	57.3	64.5
October 1994	89.2	88.4	78.7	65.4	59.0	71.0	77.0	76.3	68.2	57.5	51.7	61.1

See footnotes at end of table.

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

Geographic Area Month	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												
October 1995	66.6	66.1	58.8	50.1	49.7	52.8	76.6	75.8	64.8	54.9	W	59.1
September 1995	68.7	68.2	62.2	55.1	54.8	57.4	78.7	78.1	68.0	59.7	W	63.2
October 1994	69.5	68.7	61.5	53.5	51.3	56.1	80.0	79.0	68.2	58.1	W	62.7
Florida												
October 1995	68.1	67.4	59.1	50.1	W	53.2	78.3	77.1	65.8	54.6	—	60.0
September 1995	70.1	69.6	62.3	54.9	53.5	57.4	80.4	79.7	68.6	59.4	—	63.9
October 1994	72.4	71.2	63.7	53.8	50.0	57.5	83.6	81.9	71.2	58.3	—	65.2
Georgia												
October 1995	64.4	64.2	56.5	49.6	W	51.9	74.8	74.1	61.2	54.8	—	57.7
September 1995	66.0	65.9	60.3	55.1	54.9	56.8	76.3	75.9	65.3	60.2	—	62.5
October 1994	67.5	67.0	57.5	53.2	W	54.5	78.0	77.5	62.6	58.1	W	60.2
North Carolina												
October 1995	64.9	64.1	57.8	50.0	W	51.8	74.2	73.7	64.7	54.6	W	57.5
September 1995	67.7	66.9	61.4	55.0	55.2	56.5	76.8	76.2	68.1	59.6	W	62.0
October 1994	67.1	65.9	60.8	53.5	W	55.5	76.5	75.8	67.2	57.9	W	60.8
South Carolina												
October 1995	63.8	63.6	59.7	50.0	W	52.4	73.9	73.5	64.2	54.8	—	57.5
September 1995	65.8	65.6	63.1	55.0	W	57.1	76.1	75.7	67.7	59.8	—	62.1
October 1994	66.9	66.3	60.9	53.8	W	55.4	77.8	77.0	66.3	58.0	—	60.4
Virginia												
October 1995	68.9	68.4	61.4	51.0	49.2	54.4	78.9	78.2	67.1	55.6	—	60.9
September 1995	70.7	70.3	64.2	55.7	54.7	58.6	80.7	80.2	69.6	59.5	—	64.2
October 1994	70.1	69.6	63.4	53.3	W	57.2	80.8	79.9	70.0	57.9	W	64.2
West Virginia												
October 1995	73.4	72.5	61.6	51.8	W	57.5	82.8	81.9	67.1	56.3	—	63.9
September 1995	75.5	74.9	65.7	57.0	W	62.0	85.3	84.4	70.8	61.4	—	68.0
October 1994	74.6	73.8	64.9	53.9	W	59.6	84.0	83.1	70.8	58.8	W	66.1
PAD District II												
October 1995	67.5	67.5	59.2	52.0	49.5	53.7	75.1	75.0	65.8	56.6	W	60.6
September 1995	70.9	70.8	63.5	57.9	53.4	59.0	79.0	78.9	69.5	62.2	W	64.8
October 1994	70.5	70.3	61.3	54.2	51.1	55.9	78.2	77.8	67.5	59.0	—	63.9
Illinois												
October 1995	71.0	70.8	66.7	52.5	50.2	55.7	76.2	76.3	72.8	57.1	W	66.3
September 1995	73.6	73.4	68.9	58.1	52.2	59.6	79.5	79.5	74.4	63.4	W	67.0
October 1994	73.5	73.0	65.8	53.2	51.6	56.8	80.3	79.9	73.1	59.1	—	70.1
Indiana												
October 1995	65.2	65.5	58.0	50.8	49.8	53.2	73.4	73.7	64.3	56.8	W	60.4
September 1995	69.3	69.6	62.3	56.3	53.5	58.1	78.0	78.2	68.3	62.7	W	63.3
October 1994	66.7	66.9	59.6	53.0	51.4	55.2	74.3	74.4	64.9	57.5	—	61.8
Iowa												
October 1995	69.0	69.3	61.8	52.3	W	53.4	73.3	73.5	64.7	57.3	—	62.1
September 1995	68.5	69.1	64.5	58.4	W	59.0	74.6	74.9	68.6	63.0	—	67.2
October 1994	76.1	75.9	63.7	54.7	—	55.7	80.3	79.1	65.7	61.3	—	65.0
Kansas												
October 1995	65.0	65.2	56.4	51.5	48.9	51.4	70.8	70.9	59.1	56.3	—	57.7
September 1995	69.1	69.1	61.4	58.0	53.7	57.4	75.5	75.6	65.5	62.3	—	64.0
October 1994	68.3	68.2	58.1	53.5	50.8	53.9	75.2	75.1	62.4	59.4	—	61.2
Kentucky												
October 1995	67.1	66.3	57.2	51.4	—	53.3	77.7	76.7	63.6	56.8	—	59.8
September 1995	70.7	69.9	61.9	57.4	—	59.0	81.8	80.7	68.3	62.7	—	65.3
October 1994	67.6	66.9	60.0	53.8	—	55.8	79.0	77.7	66.1	58.6	—	62.0
Michigan												
October 1995	65.8	65.8	57.3	52.0	W	54.3	74.1	74.1	62.8	57.0	—	61.3
September 1995	69.9	69.8	61.3	58.2	W	59.6	78.0	78.0	66.3	62.9	—	65.4
October 1994	68.8	68.7	59.4	54.4	—	56.6	76.5	76.4	64.5	59.8	—	63.3
Minnesota												
October 1995	73.5	73.0	62.2	55.6	W	56.6	79.9	79.0	68.4	60.2	—	63.1
September 1995	76.7	76.1	66.7	61.3	W	62.1	84.0	82.8	74.0	65.6	—	68.7
October 1994	76.9	76.1	64.6	57.4	W	58.7	83.4	82.3	67.0	61.6	—	64.0
Missouri												
October 1995	64.4	64.7	56.0	51.1	W	52.5	71.6	71.9	61.6	55.5	—	59.6
September 1995	68.4	68.6	60.9	57.4	53.5	58.3	77.1	77.2	66.5	61.7	—	64.9
October 1994	68.3	68.4	59.5	53.4	W	54.9	77.1	77.0	66.6	57.9	—	63.5

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												
October 1995	85.4	84.5	72.1	60.6	51.4	65.2	72.3	71.6	63.5	53.0	50.1	56.7
September 1995	87.6	86.7	75.4	65.6	57.3	69.3	74.4	73.8	66.8	58.0	55.5	61.0
October 1994	89.3	88.0	76.6	64.1	56.2	69.3	75.5	74.5	66.8	56.4	52.2	60.2
Florida												
October 1995	85.9	85.0	73.4	60.7	—	67.5	73.7	72.9	65.2	53.0	W	58.1
September 1995	88.2	87.3	76.3	65.5	56.3	70.7	75.8	75.1	68.2	57.9	55.2	62.1
October 1994	92.3	90.8	80.2	64.7	W	73.5	78.6	77.1	70.5	56.7	50.1	63.0
Georgia												
October 1995	84.7	83.8	68.3	59.8	W	62.9	70.3	69.9	60.1	52.4	W	55.2
September 1995	86.1	85.3	72.6	65.6	W	68.0	71.7	71.4	64.0	57.9	55.6	60.1
October 1994	87.7	86.7	70.3	63.6	W	66.0	73.3	72.8	61.4	56.1	W	57.9
North Carolina												
October 1995	84.0	82.9	70.1	60.3	—	62.6	70.7	69.8	61.5	53.0	W	55.0
September 1995	86.5	85.4	74.2	65.4	W	67.4	73.4	72.5	65.2	57.9	55.9	59.6
October 1994	86.3	85.0	73.3	64.1	—	66.6	72.9	71.6	64.6	56.5	W	58.7
South Carolina												
October 1995	84.8	83.9	71.1	60.6	—	63.2	69.6	69.3	62.7	52.8	W	55.2
September 1995	86.8	86.8	74.7	65.7	—	68.0	71.6	71.4	66.1	57.8	W	59.9
October 1994	87.3	86.7	73.1	64.6	—	66.4	72.5	71.9	64.0	56.5	W	58.2
Virginia												
October 1995	86.7	85.8	74.3	61.5	W	67.1	74.5	73.9	66.1	54.0	49.6	58.5
September 1995	88.9	88.2	76.9	65.8	W	70.7	76.4	75.9	68.8	58.5	55.0	62.4
October 1994	89.6	88.5	77.8	63.6	W	70.2	76.4	75.8	68.7	56.4	W	61.6
West Virginia												
October 1995	90.3	88.8	73.9	62.0	—	69.5	78.0	77.0	65.1	54.3	W	60.9
September 1995	92.7	91.1	78.0	67.2	—	74.0	80.2	79.5	69.0	59.5	W	65.3
October 1994	90.8	89.5	77.9	65.0	—	72.3	79.2	78.4	68.6	56.8	W	63.2
PAD District II												
October 1995	82.2	81.8	71.3	60.6	52.8	64.4	70.7	70.5	62.3	53.6	49.7	55.9
September 1995	85.7	85.3	75.4	66.5	59.2	69.7	74.1	73.9	66.4	59.5	53.5	61.1
October 1994	84.8	84.1	73.6	62.9	54.0	66.9	73.6	73.2	64.4	55.7	51.3	58.2
Illinois												
October 1995	87.0	86.5	79.5	61.7	W	71.1	74.3	74.1	70.8	54.1	50.4	59.1
September 1995	89.1	88.5	81.5	67.8	W	74.7	77.1	76.8	72.9	59.9	52.2	62.7
October 1994	88.9	88.1	80.0	61.9	W	72.1	77.0	76.5	70.4	54.6	51.8	60.6
Indiana												
October 1995	79.9	79.9	69.6	60.3	W	64.3	69.2	69.3	61.3	53.0	50.3	56.0
September 1995	84.3	84.3	74.1	66.6	W	69.9	73.3	73.5	65.6	58.5	53.1	60.7
October 1994	80.6	80.5	71.3	62.1	—	66.6	70.4	70.5	62.9	54.8	51.4	57.8
Iowa												
October 1995	79.8	79.4	69.4	59.5	—	61.2	70.0	70.2	63.2	53.0	W	54.5
September 1995	78.9	78.7	72.4	66.0	—	67.1	69.7	70.2	66.2	58.9	W	60.0
October 1994	86.3	85.9	69.9	61.8	—	63.5	77.1	76.6	64.7	55.1	—	56.7
Kansas												
October 1995	77.8	77.3	64.9	58.6	W	58.6	66.6	66.6	57.9	52.2	49.2	52.3
September 1995	82.9	82.3	70.0	65.1	W	65.8	70.8	70.7	62.8	58.8	53.8	58.2
October 1994	81.0	80.3	66.2	60.7	W	61.1	70.0	69.8	59.5	54.2	51.3	54.8
Kentucky												
October 1995	83.0	82.0	69.7	60.9	—	63.4	71.7	70.8	60.4	53.9	—	56.1
September 1995	86.8	85.6	74.5	66.9	—	69.3	75.3	74.4	65.0	59.8	—	61.7
October 1994	84.5	83.4	71.7	63.9	—	66.4	72.6	71.7	63.3	56.4	—	58.7
Michigan												
October 1995	80.3	80.0	68.4	61.3	—	65.0	68.8	68.7	60.1	53.6	W	56.7
September 1995	84.6	84.2	72.8	67.6	—	70.3	72.9	72.7	64.1	59.8	W	61.9
October 1994	83.2	82.6	70.6	63.8	—	67.5	71.8	71.6	62.1	56.0	—	59.0
Minnesota												
October 1995	86.3	86.1	72.8	63.3	W	65.5	75.3	74.7	64.2	56.5	W	57.8
September 1995	89.1	88.9	76.5	69.0	W	70.3	78.5	77.9	68.5	62.3	W	63.2
October 1994	89.9	89.5	75.4	65.1	W	67.5	78.6	77.7	66.0	58.4	W	59.9
Missouri												
October 1995	80.5	80.3	66.7	58.6	—	61.4	67.2	67.4	58.5	52.4	W	54.3
September 1995	85.4	85.1	71.6	65.3	W	67.3	71.4	71.5	63.3	58.7	53.7	60.0
October 1994	85.1	84.5	71.4	61.1	—	64.6	71.3	71.2	62.2	54.7	W	56.8

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Nebraska												
October 1995	68.8	69.0	58.8	52.8	W	53.9	75.5	74.9	59.6	57.3	—	58.1
September 1995	71.1	71.3	63.6	58.5	W	59.4	76.3	76.0	65.7	64.0	—	64.9
October 1994	73.2	73.1	64.9	55.1	—	57.0	80.3	79.9	64.3	63.6	—	63.8
North Dakota												
October 1995	81.8	80.7	62.5	54.6	—	56.1	81.0	80.2	66.4	60.8	—	64.2
September 1995	84.5	83.2	67.6	60.8	—	62.0	83.3	82.2	70.8	67.1	—	69.3
October 1994	84.0	82.7	66.0	56.5	—	58.4	88.6	84.7	71.9	63.7	—	68.5
Ohio												
October 1995	65.0	64.9	57.3	51.5	W	53.7	74.5	74.2	64.0	56.5	—	60.5
September 1995	70.2	69.9	62.8	57.2	W	59.5	79.7	79.3	69.4	61.9	—	66.2
October 1994	68.8	68.4	60.6	53.8	W	56.8	77.9	77.2	67.5	58.5	—	64.4
Oklahoma												
October 1995	61.9	61.4	57.6	50.3	49.0	50.6	67.5	67.5	62.6	53.8	W	53.4
September 1995	65.8	65.6	62.8	57.0	54.0	56.3	71.9	71.9	67.3	60.9	W	56.2
October 1994	63.5	63.4	60.7	52.6	50.7	52.7	70.4	70.3	64.7	55.7	—	61.0
South Dakota												
October 1995	76.6	75.4	62.7	54.6	—	56.8	85.1	84.5	68.3	59.8	—	62.6
September 1995	78.7	77.9	67.0	60.5	—	62.2	87.8	87.0	71.8	W	—	66.2
October 1994	78.0	77.3	65.0	56.7	W	58.7	88.4	87.1	70.5	W	—	65.9
Tennessee												
October 1995	65.7	65.3	60.2	50.0	W	51.7	75.7	75.4	66.2	55.1	—	57.5
September 1995	67.9	67.5	64.1	55.0	W	56.5	79.0	78.7	70.1	60.2	—	62.3
October 1994	68.3	67.7	63.0	53.2	W	54.9	79.0	78.4	69.6	58.3	—	61.2
Wisconsin												
October 1995	71.2	71.0	58.9	52.8	—	54.8	78.5	78.7	64.4	57.2	—	60.2
September 1995	73.6	73.5	63.5	58.7	—	60.2	81.2	81.3	68.4	63.5	—	65.5
October 1994	72.8	72.0	59.6	54.6	—	56.2	80.8	79.9	64.1	60.4	—	62.3
PAD District III												
October 1995	68.1	67.1	61.8	50.7	47.8	51.9	77.0	75.7	65.2	54.8	W	58.4
September 1995	70.7	69.8	65.4	55.9	51.1	55.6	79.6	78.5	68.5	59.8	W	62.8
October 1994	71.6	70.4	62.8	53.3	47.7	53.5	80.6	79.4	66.5	57.5	W	61.2
Alabama												
October 1995	69.4	68.8	62.7	49.7	W	52.6	78.2	77.0	69.8	54.7	—	58.9
September 1995	71.4	70.8	66.8	54.6	W	57.2	80.4	79.5	73.7	59.9	—	64.0
October 1994	71.2	70.3	66.1	52.8	W	55.7	80.1	79.2	71.9	57.8	—	61.8
Arkansas												
October 1995	65.3	64.4	59.0	50.1	46.4	51.3	74.8	73.4	63.7	54.1	—	56.6
September 1995	68.3	67.6	63.0	55.4	50.9	56.3	77.7	76.5	68.1	59.2	—	61.5
October 1994	70.9	69.4	59.8	52.3	49.4	53.5	80.8	79.4	66.2	57.4	—	59.5
Louisiana												
October 1995	66.6	65.7	58.9	49.5	47.6	50.6	77.1	76.0	65.4	54.2	—	58.2
September 1995	68.5	68.0	62.9	54.1	51.0	54.4	79.0	78.1	69.0	59.0	—	62.6
October 1994	70.2	69.6	63.4	52.2	48.6	52.9	81.1	80.2	69.3	56.9	—	61.2
Mississippi												
October 1995	70.2	69.6	57.5	49.4	48.4	50.7	79.6	79.2	62.8	54.3	—	56.4
September 1995	72.1	71.6	61.2	54.3	51.1	54.4	81.6	81.1	66.2	59.1	—	60.9
October 1994	72.3	71.6	61.9	52.4	47.0	52.7	81.2	80.5	67.4	57.5	—	59.8
New Mexico												
October 1995	77.3	76.9	63.5	58.7	—	59.8	85.5	85.2	69.9	65.4	—	67.1
September 1995	78.7	78.5	68.6	65.2	—	66.0	85.9	86.0	71.5	71.6	—	71.6
October 1994	80.7	79.8	66.0	60.6	W	61.7	85.7	84.2	75.6	66.9	—	69.7
Texas												
October 1995	67.3	66.1	62.6	50.6	47.8	51.7	76.2	74.7	64.7	54.7	W	58.5
September 1995	70.2	69.2	66.0	55.9	51.1	55.2	79.1	77.9	67.9	59.7	W	62.7
October 1994	70.8	69.4	62.3	53.0	47.5	52.8	80.4	79.0	65.2	57.4	W	61.3
PAD District IV												
October 1995	77.5	77.3	67.6	63.8	W	64.7	86.2	85.8	72.4	69.6	—	70.7
September 1995	78.2	78.2	69.2	66.2	W	66.9	87.2	86.8	74.1	70.9	—	72.2
October 1994	81.6	81.2	68.7	63.7	W	65.2	90.7	89.9	72.9	68.6	—	71.1
Colorado												
October 1995	76.0	75.9	64.0	58.4	W	59.7	87.2	86.6	70.9	64.1	—	67.3
September 1995	77.7	77.7	66.9	63.5	W	64.3	88.8	88.4	73.2	68.9	—	71.0
October 1994	81.9	81.2	65.5	58.5	—	60.9	92.7	91.5	72.1	64.4	—	69.2

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Nebraska												
October 1995	79.5	82.8	66.0	59.7	—	61.4	70.2	70.6	59.5	53.4	W	54.6
September 1995	82.1	85.9	72.0	66.3	—	67.9	72.3	72.8	64.5	59.1	W	60.2
October 1994	82.9	87.0	72.0	62.7	—	65.3	74.5	74.7	65.4	55.7	—	57.7
North Dakota												
October 1995	87.7	87.7	73.3	63.5	—	67.1	82.1	81.0	64.1	55.2	—	57.1
September 1995	91.1	91.1	78.1	70.1	—	73.1	84.8	83.5	69.1	61.4	—	63.0
October 1994	93.0	92.1	76.2	65.3	—	69.5	84.8	83.3	67.4	57.0	—	59.4
Ohio												
October 1995	81.4	81.0	69.8	60.9	W	65.4	69.2	69.0	60.5	53.4	W	56.2
September 1995	85.9	85.4	75.7	66.5	W	71.3	74.2	73.8	65.9	59.0	W	62.1
October 1994	83.8	83.2	73.8	63.3	—	69.2	72.6	72.2	63.9	55.5	W	59.5
Oklahoma												
October 1995	73.8	73.3	67.0	57.5	52.1	58.9	64.2	63.7	59.5	51.6	49.3	51.6
September 1995	77.7	77.2	71.7	64.3	59.5	64.7	68.1	67.9	64.5	58.3	54.1	57.2
October 1994	77.0	76.2	69.3	59.6	52.4	59.9	66.2	65.9	62.4	53.7	50.8	53.7
South Dakota												
October 1995	95.2	95.1	72.3	64.6	—	66.4	79.0	77.5	63.7	55.6	—	57.7
September 1995	94.8	94.6	75.0	71.9	—	72.7	81.1	79.8	67.9	61.4	—	63.1
October 1994	88.6	88.4	72.8	66.7	—	68.2	79.6	78.8	65.9	57.6	W	59.7
Tennessee												
October 1995	84.4	83.7	73.6	60.4	—	62.6	71.6	71.1	64.5	53.2	W	55.1
September 1995	86.6	85.9	77.3	65.2	—	67.3	74.0	73.6	68.3	58.2	W	59.9
October 1994	87.8	86.8	76.7	63.6	—	66.2	74.5	73.8	67.7	56.4	W	58.5
Wisconsin												
October 1995	83.6	82.9	69.3	62.1	—	64.8	73.5	73.2	60.9	54.3	—	56.5
September 1995	86.8	86.2	73.7	68.1	—	70.1	76.0	75.9	65.4	60.2	—	61.9
October 1994	86.3	84.7	70.9	63.6	—	66.4	75.2	74.2	61.6	56.0	—	58.0
PAD District III												
October 1995	85.2	83.1	71.4	60.1	50.8	62.1	72.7	71.4	64.5	52.9	48.1	54.3
September 1995	88.0	86.3	74.9	65.3	54.8	65.7	75.3	74.2	68.1	58.0	51.5	58.0
October 1994	88.9	86.8	73.4	62.6	51.4	64.4	76.3	74.8	65.9	55.5	48.1	56.2
Alabama												
October 1995	87.3	85.3	76.7	60.2	—	63.8	74.7	73.7	67.0	52.9	W	56.1
September 1995	89.5	88.0	79.9	65.4	—	68.6	76.8	75.9	71.0	57.8	W	60.7
October 1994	89.4	87.6	79.4	63.8	—	67.4	76.5	75.5	70.2	56.0	W	59.2
Arkansas												
October 1995	82.0	79.9	68.4	59.4	—	61.4	69.2	68.0	61.7	52.2	46.4	53.6
September 1995	85.1	82.7	72.5	64.7	W	65.9	72.1	71.1	65.5	57.5	51.0	58.5
October 1994	87.2	84.3	68.9	61.9	—	63.2	74.9	73.2	62.3	54.5	49.4	55.8
Louisiana												
October 1995	85.2	82.5	72.2	58.2	52.5	61.8	72.5	71.3	64.0	52.2	48.2	54.0
September 1995	86.9	85.5	76.1	63.9	55.1	64.4	74.3	73.6	67.9	57.0	51.9	57.6
October 1994	88.6	86.8	76.7	61.8	50.2	64.1	76.2	75.4	68.4	55.1	48.8	56.3
Mississippi												
October 1995	88.7	87.8	68.9	59.9	W	61.2	75.4	74.7	60.7	52.1	48.4	53.3
September 1995	90.4	89.6	72.9	64.8	W	65.5	77.1	76.5	64.4	57.0	51.2	57.0
October 1994	89.3	88.4	73.9	63.0	51.5	60.4	77.1	76.3	65.6	55.3	48.9	55.5
New Mexico												
October 1995	91.7	91.2	74.9	68.0	—	69.5	79.8	79.4	65.5	60.3	—	61.6
September 1995	92.7	92.6	79.7	74.6	—	75.8	81.0	80.9	70.1	66.6	—	67.5
October 1994	94.8	94.0	77.8	69.2	—	71.3	82.7	81.8	67.8	61.7	W	63.0
Texas												
October 1995	84.1	82.0	70.8	60.3	50.7	61.7	71.8	70.3	64.8	52.6	48.1	53.9
September 1995	87.5	85.6	74.2	65.2	54.8	65.1	74.7	73.5	68.1	57.8	51.5	57.3
October 1994	88.6	86.2	71.9	62.1	52.0	64.4	75.7	74.0	65.0	55.0	47.8	55.4
PAD District IV												
October 1995	93.1	92.4	77.5	73.6	W	74.8	81.3	81.0	70.3	66.0	W	67.2
September 1995	94.0	93.3	79.2	75.3	W	76.4	82.2	81.9	72.0	68.2	W	69.2
October 1994	96.8	95.7	78.9	73.5	—	75.4	85.1	84.5	71.1	65.5	W	67.3
Colorado												
October 1995	94.6	94.1	75.5	66.9	W	69.3	80.7	80.5	67.3	60.3	W	62.1
September 1995	96.6	96.2	78.3	71.5	W	73.2	82.4	82.3	70.1	65.3	W	66.5
October 1994	101.6	100.3	76.9	67.3	—	71.0	86.3	85.4	68.3	60.1	—	63.2

See footnotes at end of table.

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

Geographic Area Month	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												
October 1995	78.7	78.2	69.5	67.0	—	67.8	85.1	84.1	74.5	71.0	—	72.4
September 1995	78.2	77.8	69.7	67.0	—	67.8	85.0	83.8	74.8	71.0	—	72.5
October 1994	81.7	81.1	72.5	70.0	—	70.9	88.9	89.6	76.2	73.7	—	74.5
Montana												
October 1995	79.6	80.7	72.0	67.7	—	68.5	84.9	84.9	76.9	73.5	—	73.9
September 1995	79.6	80.9	73.5	68.8	—	69.7	85.5	85.5	77.1	73.6	—	73.9
October 1994	85.3	85.3	72.4	64.9	W	66.3	W	88.7	W	W	—	W
Utah												
October 1995	76.6	76.0	68.3	68.2	W	68.2	84.4	84.1	73.2	73.2	—	73.2
September 1995	76.4	76.1	68.9	67.1	—	67.6	84.7	84.5	74.7	71.8	—	73.0
October 1994	77.0	77.4	70.0	68.0	W	68.6	84.6	84.6	74.8	73.2	—	74.0
Wyoming												
October 1995	84.3	83.3	68.5	63.4	—	64.4	91.1	91.1	70.0	71.2	—	70.2
September 1995	84.6	83.9	71.9	68.1	—	68.9	91.4	91.4	75.1	77.1	—	75.5
October 1994	87.2	85.9	68.5	62.3	W	63.5	94.3	94.3	68.1	W	—	71.2
PAD District V												
October 1995	78.5	78.1	69.2	63.9	56.9	65.8	81.9	81.8	72.8	68.4	W	71.7
September 1995	77.7	77.3	67.5	62.9	58.3	64.8	79.5	79.8	71.0	66.8	W	70.0
October 1994	80.4	79.9	72.9	62.8	55.4	67.4	89.9	89.1	79.1	69.2	W	76.8
Alaska												
October 1995	110.9	106.6	88.3	71.4	W	79.9	103.9	105.6	96.9	81.9	NA	94.7
September 1995	112.6	108.8	91.3	71.8	90.9	83.6	104.0	105.3	94.3	81.0	W	92.4
October 1994	112.4	110.1	85.9	74.1	W	80.3	W	NA	87.7	W	W	90.7
Arizona												
October 1995	81.2	80.0	71.8	63.2	57.1	67.6	89.3	89.1	76.8	69.3	—	74.2
September 1995	82.6	81.9	72.1	62.8	W	68.0	89.8	89.6	76.7	68.0	—	74.0
October 1994	81.5	81.2	73.0	63.2	W	68.3	NA	NA	73.2	69.4	—	72.8
California												
October 1995	72.6	72.8	66.9	61.9	56.7	63.9	78.1	78.0	71.3	66.6	W	70.3
September 1995	70.5	70.5	64.9	60.3	57.5	62.6	75.6	75.7	69.5	64.9	W	68.5
October 1994	77.2	76.9	72.5	61.1	55.1	66.6	89.5	88.8	78.8	68.9	W	76.5
Hawaii												
October 1995	101.2	94.6	93.8	85.9	—	92.6	107.4	101.4	99.7	W	—	99.4
September 1995	100.8	93.8	93.5	82.2	—	91.8	107.5	100.9	99.7	W	—	99.5
October 1994	99.7	93.2	92.9	80.1	—	90.8	106.1	98.5	99.3	W	—	98.9
Nevada												
October 1995	87.8	86.7	67.3	66.5	59.0	66.1	90.0	90.0	73.2	72.0	—	72.9
September 1995	83.9	83.2	64.4	64.8	58.3	63.9	86.3	86.4	69.5	70.6	—	69.8
October 1994	83.4	82.5	71.1	65.6	W	68.3	90.0	89.6	77.6	72.5	—	76.0
Oregon												
October 1995	81.5	81.0	71.6	66.0	57.3	67.0	87.8	86.1	75.4	73.1	—	74.4
September 1995	82.0	81.6	71.3	66.6	57.7	67.6	88.1	87.0	76.7	73.4	—	75.4
October 1994	81.2	80.3	70.5	63.7	55.9	65.3	82.9	84.4	73.1	68.8	—	71.5
Washington												
October 1995	82.3	82.2	74.8	65.5	58.2	69.5	89.9	89.8	79.1	71.5	—	76.2
September 1995	82.1	82.1	73.8	65.3	60.1	68.8	88.8	89.1	78.2	71.2	—	75.7
October 1994	82.7	82.3	73.2	66.2	54.2	69.5	87.2	86.9	78.4	73.5	—	77.3

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
Idaho												
October 1995	89.5	88.8	79.3	76.7	—	77.7	80.8	80.2	72.2	68.9	—	70.0
September 1995	89.4	89.0	79.8	76.7	—	77.9	80.4	79.8	72.4	68.9	—	70.1
October 1994	92.6	92.2	83.0	78.7	—	80.5	83.4	82.7	74.6	71.4	—	72.5
Montana												
October 1995	89.0	89.6	80.2	78.1	—	78.6	81.7	82.4	74.1	69.8	—	70.6
September 1995	89.2	89.4	81.8	78.5	—	79.4	81.9	82.6	75.7	70.9	—	71.9
October 1994	94.8	94.5	79.8	74.6	—	75.5	86.9	86.7	73.6	66.5	W	67.7
Utah												
October 1995	91.8	90.8	77.0	77.8	—	77.5	80.9	80.2	71.2	71.0	W	71.0
September 1995	91.9	91.0	77.9	76.6	—	77.0	80.9	80.4	72.0	69.8	—	70.5
October 1994	90.8	89.8	78.9	77.7	—	78.2	81.0	81.0	73.3	70.5	W	71.4
Wyoming												
October 1995	96.7	95.4	78.9	72.9	—	74.1	86.8	85.8	70.3	65.1	—	66.2
September 1995	96.6	94.5	81.7	77.5	—	78.3	87.1	86.2	73.7	69.9	—	70.7
October 1994	98.6	97.7	77.2	72.1	—	73.2	89.4	88.0	70.0	64.0	W	65.2
PAD District V												
October 1995	94.6	94.0	82.5	75.2	62.9	79.9	81.6	81.2	72.7	66.0	57.4	69.2
September 1995	93.4	92.9	80.9	74.6	62.9	78.4	80.5	80.1	70.9	65.0	58.8	68.0
October 1994	98.4	97.6	87.5	76.4	63.5	84.3	84.3	83.6	76.7	64.9	56.0	71.1
Alaska												
October 1995	116.7	112.8	99.5	81.3	—	91.9	110.8	107.2	90.3	72.6	W	82.0
September 1995	118.0	112.2	99.3	83.3	W	92.7	112.3	108.8	92.3	73.0	90.8	84.7
October 1994	114.2	111.9	93.9	83.2	—	89.7	112.6	109.4	87.0	75.0	79.9	81.7
Arizona												
October 1995	97.4	97.0	85.9	77.2	W	82.7	84.5	83.3	74.9	65.7	57.6	70.7
September 1995	98.6	98.1	86.2	75.1	W	82.0	85.7	85.0	75.2	65.0	W	70.9
October 1994	98.5	98.0	85.8	76.7	W	82.7	84.8	84.3	75.4	64.8	W	70.6
California												
October 1995	90.2	89.8	80.4	72.2	62.2	78.2	76.8	76.7	70.9	64.2	57.1	67.7
September 1995	87.9	87.7	78.6	71.3	62.4	76.3	74.6	74.5	68.8	62.5	58.1	66.1
October 1994	96.8	96.1	87.1	74.7	63.6	84.2	82.3	81.8	76.6	63.4	55.6	70.8
Hawaii												
October 1995	117.5	109.1	106.8	101.0	—	106.1	106.0	99.1	98.9	90.5	—	97.9
September 1995	118.1	109.1	106.9	96.5	—	105.7	105.9	98.6	98.8	86.9	—	97.3
October 1994	117.4	109.0	104.9	93.8	—	103.6	104.8	97.8	97.9	84.5	—	96.1
Nevada												
October 1995	100.9	100.4	81.2	77.0	W	78.3	90.2	89.2	70.8	68.4	59.9	68.8
September 1995	98.3	98.0	78.2	76.0	W	76.1	86.7	86.0	68.0	67.0	59.6	66.7
October 1994	101.4	100.6	85.1	77.2	W	82.1	87.1	86.1	74.2	67.5	W	71.0
Oregon												
October 1995	97.6	96.8	86.4	80.9	63.6	79.9	84.1	83.4	74.1	68.3	58.4	69.2
September 1995	97.1	96.7	85.9	81.5	64.9	82.2	84.5	84.0	74.0	68.8	58.5	70.0
October 1994	97.1	96.5	85.3	78.0	W	79.4	83.4	82.5	73.0	65.6	56.7	67.5
Washington												
October 1995	100.1	99.8	90.1	77.3	63.5	83.5	85.6	85.5	77.9	67.6	59.2	72.3
September 1995	99.6	99.5	89.1	77.5	W	83.6	85.2	85.2	77.0	67.4	60.2	71.7
October 1994	100.2	99.1	87.5	78.9	—	84.3	85.5	84.9	76.2	68.1	54.2	72.2

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												
October 1995	68.9	68.6	60.7	52.4	49.2	54.0	77.0	76.4	65.7	56.4	W	60.1
September 1995	72.0	71.7	64.8	57.7	52.2	58.7	79.8	79.4	69.6	61.4	W	64.7
October 1994	72.0	71.4	63.3	54.6	49.8	56.4	80.5	79.7	68.5	58.5	NA	63.5
PAD District I												
October 1995	68.4	68.0	59.8	51.2	50.3	53.9	77.6	76.9	65.5	55.4	W	59.6
September 1995	70.6	70.3	63.5	56.3	55.8	58.5	79.8	79.3	68.9	60.3	W	63.8
October 1994	71.4	70.5	63.0	53.8	49.8	56.5	81.4	80.2	69.1	58.3	W	63.6
Subdistrict IA												
October 1995	79.2	78.7	69.6	58.8	W	63.2	89.5	87.8	75.8	62.7	-	68.7
September 1995	80.7	80.4	72.8	62.7	57.4	66.2	91.2	89.5	79.7	66.7	-	72.7
October 1994	76.5	75.5	66.1	54.6	48.4	56.9	87.2	85.5	72.8	58.8	W	65.8
Connecticut												
October 1995	-	-	-	-	-	-	-	-	-	NA	-	NA
September 1995	-	-	-	-	NA	NA	-	-	-	-	-	-
October 1994	74.5	73.5	65.4	54.8	W	57.0	85.4	83.1	71.8	59.0	-	64.2
Maine												
October 1995	79.3	79.3	69.9	59.0	W	60.7	89.6	88.3	77.4	62.8	-	66.3
September 1995	80.6	80.8	72.6	62.6	60.1	64.1	90.7	89.8	82.4	66.5	-	70.9
October 1994	77.5	76.9	64.7	55.0	48.2	55.6	87.3	86.2	76.8	58.5	W	62.5
Massachusetts												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	W	W	-	-	-	-	-	-
October 1994	75.4	74.3	66.8	54.4	NA	57.4	87.1	85.6	73.0	58.8	-	67.1
New Hampshire												
October 1995	76.1	75.7	67.2	58.1	-	65.2	89.0	87.0	71.1	61.8	-	69.1
September 1995	78.5	78.0	71.0	62.0	-	69.0	91.2	88.7	75.0	65.8	-	73.2
October 1994	78.1	77.5	65.3	55.9	-	62.3	88.4	87.2	72.3	58.0	-	69.1
Rhode Island												
October 1995	-	-	-	-	-	-	-	-	-	NA	-	NA
September 1995	-	-	-	-	NA	NA	-	-	-	-	-	-
October 1994	77.5	76.3	63.5	54.0	48.9	53.1	86.7	85.5	69.5	58.8	-	64.1
Vermont												
October 1995	81.1	80.1	70.3	57.9	-	66.9	89.9	87.8	76.2	62.1	-	72.3
September 1995	82.7	81.7	73.4	63.2	-	70.6	91.8	89.7	79.1	67.5	-	75.8
October 1994	82.4	81.1	68.6	56.0	-	65.2	91.4	89.0	74.8	60.3	-	71.4
Subdistrict IB												
October 1995	72.5	72.1	61.6	54.5	50.4	56.1	80.7	80.1	68.5	58.3	W	62.7
September 1995	75.2	74.9	65.6	59.8	56.0	60.8	83.4	82.9	72.1	63.2	W	67.1
October 1994	73.3	72.2	63.6	54.3	50.4	57.0	82.3	80.8	69.4	58.9	-	64.8
Delaware												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	70.8	69.7	63.6	53.9	W	57.8	82.0	80.9	69.4	58.3	-	62.7
District of Columbia												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	W	62.4	65.7	W	-	65.6	W	NA	69.0	-	-	69.0
Maryland												
October 1995	71.6	70.7	64.4	52.9	W	57.7	78.8	77.6	NA	57.8	W	63.1
September 1995	74.2	73.4	68.0	58.1	W	62.4	82.0	80.7	73.7	62.8	W	67.8
October 1994	72.8	68.9	64.2	52.1	W	59.8	82.7	78.9	70.4	57.2	-	66.7
New Jersey												
October 1995	-	-	-	-	50.3	50.3	-	-	-	-	-	-
September 1995	-	-	-	-	55.6	55.6	-	-	-	-	-	-
October 1994	76.9	74.2	63.7	55.5	49.2	52.0	88.4	86.1	67.5	59.8	-	63.7
New York												
October 1995	74.0	73.7	60.6	55.9	52.4	57.8	83.9	82.8	68.2	60.0	-	63.9
September 1995	76.4	76.2	65.2	61.2	57.1	62.7	86.2	85.2	72.0	65.4	-	68.7
October 1994	75.1	74.3	63.3	55.4	54.3	58.8	84.8	82.7	68.9	60.4	-	64.4
Pennsylvania												
October 1995	71.3	70.9	62.5	53.5	49.8	55.5	79.5	79.1	68.3	57.8	-	62.2
September 1995	74.2	73.8	66.0	58.8	56.0	60.3	82.3	82.0	71.9	62.3	-	66.3
October 1994	71.8	71.2	63.5	53.9	51.2	56.9	80.8	80.2	69.0	58.8	-	64.0

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												
October 1995	85.2	84.3	72.2	61.7	52.5	64.7	72.8	72.3	63.8	54.4	49.5	56.4
September 1995	88.3	87.4	76.8	67.1	57.1	69.8	75.8	75.3	67.9	59.7	52.7	61.2
October 1994	89.0	87.7	76.6	64.3	54.4	68.8	76.2	75.4	67.0	56.7	50.2	59.3
PAD District I												
October 1995	86.4	85.5	72.3	61.2	53.4	65.1	73.5	72.9	63.7	53.8	50.9	57.0
September 1995	88.6	87.7	76.1	66.4	61.4	69.7	75.7	75.2	67.3	58.9	56.7	61.6
October 1994	90.4	88.9	77.6	64.6	58.1	70.2	76.9	75.8	67.7	56.7	50.6	60.5
Subdistrict IA												
October 1995	98.7	97.3	81.3	69.1	W	74.5	83.6	82.9	72.4	60.9	W	65.7
September 1995	99.7	98.0	85.2	72.6	W	78.6	85.1	84.5	75.9	64.7	58.2	69.0
October 1994	95.5	93.9	80.8	66.3	59.4	72.9	82.0	80.9	70.7	57.6	48.8	61.1
Connecticut												
October 1995	—	—	—	NA	—	NA	—	—	—	NA	—	NA
September 1995	—	—	—	—	—	—	—	—	—	—	NA	NA
October 1994	95.4	94.1	79.7	66.8	W	71.6	80.7	79.6	70.0	58.1	52.0	60.8
Maine												
October 1995	98.1	96.7	81.8	69.5	W	71.2	83.2	82.9	72.7	61.0	W	63.0
September 1995	99.1	98.1	84.9	72.6	W	75.1	84.5	84.4	76.2	64.6	61.1	66.5
October 1994	94.7	93.5	77.5	66.5	W	68.6	81.7	81.0	68.6	57.5	49.4	58.5
Massachusetts												
October 1995	—	W	—	—	—	—	—	W	—	—	—	—
September 1995	—	W	—	—	—	—	—	W	—	—	W	W
October 1994	95.4	93.1	81.8	65.9	W	74.0	81.6	80.2	71.7	57.4	46.6	62.1
New Hampshire												
October 1995	98.0	97.4	79.5	67.5	—	77.2	81.4	80.8	70.0	60.1	—	67.9
September 1995	99.9	99.0	83.3	72.0	—	81.2	83.5	82.8	73.7	63.9	—	71.7
October 1994	95.9	95.3	79.5	67.2	—	75.9	82.8	82.1	69.3	58.5	—	66.1
Rhode Island												
October 1995	—	—	—	NA	—	NA	—	—	—	NA	—	NA
September 1995	—	—	—	—	—	—	—	—	—	—	NA	NA
October 1994	92.3	91.8	78.1	65.8	—	71.0	82.6	81.5	68.2	57.3	48.9	56.5
Vermont												
October 1995	99.6	98.1	81.8	68.2	—	78.1	85.6	84.4	73.2	60.3	—	69.6
September 1995	100.1	97.7	85.8	72.8	—	82.3	87.0	85.7	76.5	65.5	—	73.5
October 1994	101.4	99.6	82.9	67.0	—	78.8	87.2	85.6	72.3	58.7	—	68.8
Subdistrict IB												
October 1995	89.2	88.3	73.7	64.6	53.4	66.0	76.5	76.0	64.6	56.7	50.9	58.5
September 1995	91.4	90.7	78.3	70.0	63.1	71.8	79.1	78.7	68.7	61.9	57.0	63.3
October 1994	91.2	89.0	77.9	65.3	58.5	70.9	78.1	76.8	67.9	57.2	51.2	60.7
Delaware												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	91.2	90.1	78.1	65.9	—	70.8	76.7	75.6	67.6	57.3	W	61.3
District of Columbia												
October 1995	—	—	NA	—	—	NA	—	—	NA	—	—	NA
September 1995	—	—	W	—	—	W	—	—	W	—	—	W
October 1994	W	74.9	79.7	—	—	79.7	W	66.4	73.3	W	—	73.2
Maryland												
October 1995	86.2	84.8	75.4	63.3	W	67.8	75.9	74.9	67.5	55.8	W	60.5
September 1995	88.7	87.7	79.4	68.3	W	72.7	78.6	77.6	71.2	60.9	W	65.3
October 1994	89.9	85.6	78.0	63.1	W	73.7	78.2	74.1	69.4	55.5	55.3	64.7
New Jersey												
October 1995	—	—	—	NA	54.1	54.2	—	—	—	NA	51.0	51.0
September 1995	—	—	—	—	62.8	62.8	—	—	—	—	56.6	56.6
October 1994	98.2	93.5	76.5	66.4	58.4	65.9	84.5	81.3	68.1	59.2	50.4	55.2
New York												
October 1995	91.8	90.6	72.5	66.1	W	68.9	77.7	77.2	63.1	57.8	52.8	60.0
September 1995	93.2	92.4	77.7	71.7	W	74.5	80.0	79.7	67.7	63.1	57.4	65.0
October 1994	93.6	90.3	77.6	67.0	—	71.9	78.9	77.8	66.2	57.8	54.3	61.4
Pennsylvania												
October 1995	87.8	87.1	74.6	63.8	52.5	65.7	75.6	75.2	65.9	56.1	50.4	58.3
September 1995	90.4	89.8	78.7	69.1	63.3	71.3	78.5	78.1	69.5	61.2	57.3	63.1
October 1994	88.9	88.2	78.1	64.7	59.0	70.2	76.9	76.2	67.7	56.8	51.7	60.5

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												
October 1995	66.5	66.0	58.4	49.8	49.6	52.4	76.4	75.6	64.4	54.5	W	58.6
September 1995	68.5	68.1	61.9	54.9	54.7	57.0	78.4	77.9	67.6	59.4	W	62.8
October 1994	69.5	68.6	61.4	53.4	51.3	56.0	79.9	78.9	68.1	58.0	W	62.5
Florida												
October 1995	68.1	67.4	59.1	50.1	W	53.2	78.3	77.1	65.8	54.6	—	60.0
September 1995	70.1	69.6	62.3	54.9	53.5	57.4	80.4	79.7	68.6	59.4	—	63.9
October 1994	72.4	71.2	63.7	53.8	50.0	57.5	83.6	81.9	71.2	58.3	—	65.2
Georgia												
October 1995	64.4	64.2	56.5	49.6	W	51.9	74.8	74.1	61.2	54.8	—	57.7
September 1995	66.0	65.9	60.3	55.1	54.9	56.8	76.3	75.9	65.3	60.2	—	62.5
October 1994	67.5	67.0	57.5	53.2	W	54.5	78.0	77.5	62.6	58.1	W	60.2
North Carolina												
October 1995	64.9	64.1	57.8	50.0	W	51.8	74.2	73.7	64.7	54.6	W	57.5
September 1995	67.7	66.9	61.4	55.0	55.2	56.5	76.8	76.2	68.1	59.6	W	62.0
October 1994	66.9	65.7	60.8	53.4	W	55.4	76.1	75.3	67.3	57.9	W	60.8
South Carolina												
October 1995	63.8	63.6	59.7	50.0	W	52.4	73.9	73.5	64.2	54.8	—	57.5
September 1995	65.8	65.6	63.1	55.0	W	57.1	76.1	75.7	67.7	59.8	—	62.1
October 1994	66.9	66.3	60.9	53.8	W	55.4	77.8	77.0	66.3	58.0	—	60.4
Virginia												
October 1995	69.1	68.8	59.7	49.1	W	51.6	78.6	78.1	66.1	52.9	—	57.3
September 1995	70.6	70.4	62.5	53.8	W	55.9	80.1	79.8	68.2	56.6	—	60.4
October 1994	69.8	69.4	62.8	52.9	W	56.6	80.3	79.5	69.4	57.3	W	63.5
West Virginia												
October 1995	73.4	72.5	61.6	51.8	W	57.5	82.8	81.9	67.1	56.3	—	63.9
September 1995	75.5	74.9	65.7	57.0	W	62.0	85.3	84.4	70.8	61.4	—	68.0
October 1994	74.6	73.9	64.9	53.9	W	59.6	84.0	83.2	70.8	58.8	—	66.1
PAD District II												
October 1995	66.7	66.8	58.0	51.6	49.5	53.0	74.1	74.1	63.9	56.1	W	59.2
September 1995	70.3	70.3	62.5	57.6	53.4	58.4	78.4	78.2	68.2	61.8	W	63.7
October 1994	70.2	70.1	61.2	54.0	51.1	55.8	78.0	77.6	67.4	58.9	—	63.8
Illinois												
October 1995	68.8	69.0	59.1	51.3	50.2	52.0	73.2	73.4	67.5	56.1	W	59.5
September 1995	72.3	72.3	63.1	57.0	52.2	56.3	77.5	77.5	71.7	62.6	W	60.7
October 1994	73.5	73.0	65.8	53.2	51.6	56.8	80.3	79.9	73.1	59.1	—	70.1
Indiana												
October 1995	65.0	65.3	57.6	50.0	49.8	52.6	73.0	73.4	63.9	56.0	W	59.8
September 1995	69.1	69.5	62.0	55.7	53.5	57.7	77.9	78.1	68.3	62.1	W	62.8
October 1994	66.7	66.9	59.6	53.0	51.4	55.2	74.3	74.4	64.9	57.5	—	61.8
Iowa												
October 1995	69.0	69.3	61.8	52.3	W	53.4	73.3	73.5	64.7	57.3	—	62.1
September 1995	68.5	69.1	64.5	58.4	W	59.0	74.6	74.9	68.6	63.0	—	67.2
October 1994	76.1	75.9	63.7	54.7	—	55.7	80.3	79.1	65.7	61.3	—	65.0
Kansas												
October 1995	65.0	65.2	56.4	51.5	48.9	51.4	70.8	70.9	59.1	56.3	—	57.7
September 1995	69.1	69.1	61.4	58.0	53.7	57.4	75.5	75.6	65.5	62.3	—	64.0
October 1994	68.3	68.2	58.1	53.5	50.8	53.9	75.2	75.1	62.4	59.4	—	61.2
Kentucky												
October 1995	66.4	65.6	56.8	50.7	—	52.7	77.3	76.0	63.0	55.9	—	59.2
September 1995	69.7	68.9	61.4	56.2	—	58.0	81.2	79.7	67.4	61.3	—	64.2
October 1994	67.6	66.9	60.0	53.8	—	55.8	79.0	77.7	66.1	58.6	—	62.0
Michigan												
October 1995	65.8	65.8	57.3	52.0	W	54.3	74.1	74.1	62.8	57.0	—	61.3
September 1995	69.9	69.8	61.3	58.2	W	59.6	78.0	78.0	66.3	62.9	—	65.4
October 1994	68.8	68.7	59.4	54.4	—	56.6	76.5	76.4	64.5	59.8	—	63.3
Minnesota												
October 1995	73.2	72.6	61.9	54.1	W	55.3	79.7	78.0	NA	60.7	—	63.2
September 1995	76.0	75.4	66.1	60.8	W	61.4	82.8	81.5	72.3	65.9	—	68.0
October 1994	76.9	75.7	63.5	55.6	W	56.9	81.2	79.9	NA	NA	—	NA
Missouri												
October 1995	64.4	64.7	56.0	51.1	W	52.5	71.6	71.9	61.6	55.5	—	59.6
September 1995	68.4	68.6	60.9	57.4	53.5	58.3	77.1	77.2	66.5	61.7	—	64.9
October 1994	68.3	68.4	59.5	53.4	W	54.9	77.1	77.0	66.6	57.9	—	63.5

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												
October 1995	85.3	84.4	71.6	60.2	51.4	64.5	72.2	71.5	62.9	52.7	50.0	56.1
September 1995	87.5	86.6	75.1	65.3	57.3	68.8	74.2	73.6	66.3	57.7	55.4	60.6
October 1994	89.2	87.9	76.5	64.0	56.2	69.2	75.4	74.4	66.6	56.3	52.2	60.1
Florida												
October 1995	85.9	85.0	73.4	60.7	—	67.5	73.7	72.9	65.2	53.0	W	58.1
September 1995	88.2	87.3	76.3	65.5	56.3	70.7	75.8	75.1	68.2	57.9	55.2	62.1
October 1994	92.3	90.8	80.2	64.7	W	73.5	78.6	77.1	70.5	56.7	50.1	63.0
Georgia												
October 1995	84.7	83.8	68.3	59.8	W	62.9	70.3	69.9	60.1	52.4	W	55.2
September 1995	86.1	85.3	72.6	65.6	W	68.0	71.7	71.4	64.0	57.9	55.6	60.1
October 1994	87.7	86.7	70.3	63.6	W	66.0	73.3	72.8	61.4	56.1	W	57.9
North Carolina												
October 1995	84.0	82.9	70.1	60.3	—	62.6	70.7	69.8	61.5	53.0	W	55.0
September 1995	86.5	85.4	74.2	65.4	W	67.4	73.4	72.5	65.2	57.9	55.9	59.6
October 1994	85.8	84.5	73.3	64.0	—	66.5	72.5	71.2	64.6	56.4	W	58.6
South Carolina												
October 1995	84.8	83.9	71.1	60.6	—	63.2	69.6	69.3	62.7	52.8	W	55.2
September 1995	86.8	86.8	74.7	65.7	—	68.0	71.6	71.4	66.1	57.8	W	59.9
October 1994	87.3	86.7	73.1	64.6	—	66.4	72.5	71.9	64.0	56.5	W	58.2
Virginia												
October 1995	87.1	86.2	73.0	58.6	W	62.5	74.5	74.0	63.9	51.6	W	54.8
September 1995	88.9	88.2	75.9	63.0	W	66.5	76.0	75.7	66.6	56.1	W	58.9
October 1994	89.1	88.0	77.2	63.1	W	69.4	76.0	75.4	68.0	55.9	W	60.9
West Virginia												
October 1995	90.3	88.8	73.9	62.0	—	69.5	78.0	77.0	65.1	54.3	W	60.9
September 1995	92.7	91.1	78.0	67.2	—	74.0	80.2	79.5	69.0	59.5	W	65.3
October 1994	90.8	89.5	77.9	65.0	—	72.3	79.2	78.4	68.6	56.8	W	63.2
PAD District II												
October 1995	81.1	80.8	69.1	60.1	52.8	63.1	69.8	69.7	60.7	53.1	49.7	54.9
September 1995	84.9	84.5	73.9	66.2	59.2	68.6	73.4	73.3	65.2	59.1	53.5	60.3
October 1994	84.6	83.9	73.5	62.8	54.0	66.9	73.3	73.0	64.3	55.5	51.3	58.1
Illinois												
October 1995	83.4	83.1	70.5	59.8	W	62.6	71.5	71.6	62.3	52.6	50.4	53.6
September 1995	86.4	86.0	74.3	66.6	W	68.2	75.1	75.0	66.3	58.6	52.2	57.9
October 1994	88.9	88.1	80.0	61.9	W	72.1	77.0	76.5	70.4	54.6	51.8	60.6
Indiana												
October 1995	79.3	79.3	69.1	59.4	W	63.6	68.8	69.0	60.8	52.1	50.3	55.4
September 1995	84.0	84.0	73.9	65.9	W	69.4	73.1	73.3	65.3	57.8	53.1	60.2
October 1994	80.6	80.5	71.3	62.1	—	66.6	70.4	70.5	62.9	54.8	51.4	57.8
Iowa												
October 1995	79.8	79.4	69.4	59.5	—	61.2	70.0	70.2	63.2	53.0	W	54.5
September 1995	78.9	78.7	72.4	66.0	—	67.1	69.7	70.2	66.2	58.9	W	60.0
October 1994	86.3	85.9	69.9	61.8	—	63.5	77.1	76.6	64.7	55.1	—	56.7
Kansas												
October 1995	77.8	77.3	64.9	58.6	W	58.6	66.6	66.6	57.9	52.2	49.2	52.3
September 1995	82.9	82.3	70.0	65.1	W	65.8	70.8	70.7	62.8	58.8	53.8	58.2
October 1994	81.0	80.3	66.2	60.7	W	61.1	70.0	69.8	59.5	54.2	51.3	54.8
Kentucky												
October 1995	81.5	80.4	68.9	60.2	—	62.6	70.8	69.8	59.7	53.1	—	55.4
September 1995	85.0	83.8	73.8	65.7	—	68.2	74.1	73.2	64.3	58.6	—	60.6
October 1994	84.5	83.4	71.7	63.9	—	66.4	72.6	71.7	63.3	56.4	—	58.7
Michigan												
October 1995	80.3	80.0	68.4	61.3	—	65.0	68.8	68.7	60.1	53.6	W	56.7
September 1995	84.6	84.2	72.8	67.6	—	70.3	72.9	72.7	64.1	59.8	W	61.9
October 1994	83.2	82.6	70.6	63.8	—	67.5	71.8	71.6	62.1	56.0	—	59.0
Minnesota												
October 1995	85.3	85.2	NA	62.2	W	64.2	74.7	74.0	63.3	54.9	W	56.4
September 1995	88.5	88.3	76.1	69.2	W	70.7	77.8	77.1	67.8	61.7	W	62.5
October 1994	87.7	87.2	72.7	64.1	W	66.2	77.9	76.8	64.2	56.3	W	57.8
Missouri												
October 1995	80.5	80.3	66.7	58.6	—	61.4	67.2	67.4	58.5	52.4	W	54.3
September 1995	85.4	85.1	71.6	65.3	W	67.3	71.4	71.5	63.3	58.7	53.7	60.0
October 1994	85.1	84.5	71.4	61.1	—	64.6	71.3	71.2	62.2	54.7	W	56.8

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												
October 1995	68.8	69.0	58.8	52.8	W	53.9	75.5	74.9	59.6	57.3	—	58.1
September 1995	71.1	71.3	63.6	58.5	W	59.4	76.3	76.0	65.7	64.0	—	64.9
October 1994	73.2	73.1	64.9	55.1	—	57.0	80.3	79.9	64.3	63.6	—	63.8
North Dakota												
October 1995	81.8	80.7	62.5	54.6	—	56.1	81.0	80.2	66.4	60.8	—	64.2
September 1995	84.5	83.2	67.6	60.8	—	62.0	83.3	82.2	70.8	67.1	—	69.3
October 1994	84.0	82.7	66.0	56.5	—	58.4	88.6	84.7	71.9	63.7	—	68.5
Ohio												
October 1995	65.0	64.9	57.3	51.5	W	53.7	74.5	74.2	64.0	56.5	—	60.5
September 1995	70.2	69.9	62.8	57.2	W	59.5	79.7	79.3	69.4	61.9	—	66.2
October 1994	68.8	68.4	60.6	53.8	W	56.8	77.9	77.2	67.5	58.5	—	64.4
Oklahoma												
October 1995	61.9	61.4	57.6	50.3	49.0	50.6	67.5	67.5	62.6	53.8	W	53.4
September 1995	65.8	65.6	62.8	57.0	54.0	56.3	71.9	71.9	67.3	60.9	W	56.2
October 1994	63.5	63.4	60.7	52.6	50.7	52.7	70.4	70.3	64.7	55.7	—	61.0
South Dakota												
October 1995	76.6	75.4	62.7	54.6	—	56.8	85.1	84.5	68.3	59.8	—	62.6
September 1995	78.7	77.9	67.0	60.5	—	62.2	87.8	87.0	71.8	W	—	66.2
October 1994	78.0	77.3	65.0	56.7	W	58.7	88.4	87.1	70.5	W	—	65.9
Tennessee												
October 1995	65.7	65.3	60.2	50.0	W	51.7	75.7	75.4	66.2	55.1	—	57.5
September 1995	67.9	67.5	64.1	55.0	W	56.5	79.0	78.7	70.1	60.2	—	62.3
October 1994	68.3	67.7	63.0	53.2	W	54.9	79.0	78.4	69.6	58.3	—	61.2
Wisconsin												
October 1995	70.0	70.0	57.7	52.1	—	53.7	76.5	77.0	61.2	56.9	—	58.2
September 1995	72.1	72.1	62.1	58.1	—	59.2	78.8	79.3	65.7	63.3	—	64.0
October 1994	72.8	72.0	59.6	54.6	—	56.2	80.8	79.9	64.1	60.4	—	62.3
PAD District III												
October 1995	68.6	67.2	61.3	50.3	47.4	51.2	76.8	75.2	64.1	54.4	W	57.5
September 1995	71.1	70.0	65.3	55.5	50.3	54.8	79.3	77.9	67.7	59.4	W	62.1
October 1994	71.2	70.0	62.7	53.0	47.7	53.3	80.5	79.3	66.4	57.5	W	61.1
Alabama												
October 1995	69.4	68.8	62.7	49.7	W	52.6	78.2	77.0	69.8	54.7	—	58.9
September 1995	71.4	70.8	66.8	54.6	W	57.2	80.4	79.5	73.7	59.9	—	64.0
October 1994	71.2	70.3	66.1	52.8	W	55.7	80.1	79.2	71.9	57.8	—	61.8
Arkansas												
October 1995	65.3	64.4	59.0	50.1	46.4	51.3	74.8	73.4	63.7	54.1	—	56.6
September 1995	68.3	67.6	63.0	55.4	50.9	56.3	77.7	76.5	68.1	59.2	—	61.5
October 1994	70.9	69.4	59.8	52.3	49.4	53.5	80.8	79.4	66.2	57.4	—	59.5
Louisiana												
October 1995	66.6	65.7	58.9	49.5	47.6	50.7	77.1	76.0	65.4	54.2	—	58.2
September 1995	68.5	68.0	62.9	54.1	50.9	54.4	79.0	78.1	69.0	59.0	—	62.6
October 1994	70.2	69.6	63.4	52.2	48.6	52.9	81.1	80.2	69.3	56.9	—	61.2
Mississippi												
October 1995	70.2	69.6	57.5	49.4	48.4	50.7	79.6	79.2	62.8	54.3	—	56.4
September 1995	72.1	71.6	61.2	54.3	51.1	54.4	81.6	81.1	66.2	59.1	—	60.9
October 1994	72.3	71.6	61.9	52.4	47.0	52.7	81.2	80.5	67.4	57.5	—	59.8
New Mexico												
October 1995	77.0	76.6	63.3	58.6	—	59.6	85.2	84.9	69.8	65.4	—	66.9
September 1995	78.9	78.6	68.6	65.2	—	66.0	86.5	86.5	71.5	71.6	—	71.6
October 1994	80.3	79.5	65.6	60.3	W	61.3	86.1	86.0	75.4	66.2	—	68.6
Texas												
October 1995	68.0	66.1	62.1	49.8	47.4	50.6	75.3	73.1	NA	53.9	W	56.8
September 1995	70.9	69.3	66.1	55.2	50.2	53.8	78.3	76.4	NA	58.8	W	61.2
October 1994	70.4	69.0	62.2	52.7	47.5	52.6	80.2	78.7	65.1	57.3	W	61.2
PAD District IV												
October 1995	77.0	76.9	67.8	64.2	W	65.1	86.3	85.8	72.6	69.9	—	71.0
September 1995	78.2	78.2	69.2	66.1	W	66.9	87.2	86.8	74.1	70.9	—	72.3
October 1994	81.8	81.5	69.5	63.9	W	65.4	90.7	90.2	74.5	68.6	—	71.7
Colorado												
October 1995	74.7	74.7	63.8	57.7	W	59.1	87.3	86.7	71.1	63.0	—	67.0
September 1995	77.6	77.7	66.9	63.0	W	63.9	88.8	88.3	73.2	68.5	—	71.0
October 1994	82.4	81.7	66.3	57.6	—	60.2	93.1	92.3	74.5	63.3	—	69.6

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												
October 1995	79.5	82.8	66.0	59.7	—	61.4	70.2	70.6	59.5	53.4	W	54.6
September 1995	82.1	85.9	72.0	66.3	—	67.9	72.3	72.8	64.5	59.1	W	60.2
October 1994	82.9	87.0	72.0	62.7	—	65.3	74.5	74.7	65.4	55.7	—	57.7
North Dakota												
October 1995	87.7	87.7	73.3	63.5	—	67.1	82.1	81.0	64.1	55.2	—	57.1
September 1995	91.1	91.1	78.1	70.1	—	73.1	84.8	83.5	69.1	61.4	—	63.0
October 1994	93.0	92.1	76.2	65.3	—	69.5	84.8	83.3	67.4	57.0	—	59.4
Ohio												
October 1995	81.4	81.0	69.8	60.9	W	65.4	69.2	69.0	60.5	53.4	W	56.2
September 1995	85.9	85.4	75.7	66.5	W	71.3	74.2	73.8	65.9	59.0	W	62.1
October 1994	83.8	83.2	73.8	63.3	—	69.2	72.6	72.2	63.9	55.5	W	59.5
Oklahoma												
October 1995	73.8	73.3	67.0	57.5	52.1	58.9	64.2	63.7	59.5	51.6	49.3	51.6
September 1995	77.7	77.2	71.7	64.3	59.5	64.7	68.1	67.9	64.5	58.3	54.1	57.2
October 1994	77.0	76.2	69.3	59.6	52.4	59.9	66.2	65.9	62.4	53.7	50.8	53.7
South Dakota												
October 1995	95.2	95.1	72.3	64.6	—	66.4	79.0	77.5	63.7	55.6	—	57.7
September 1995	94.8	94.6	75.0	71.9	—	72.7	81.1	79.8	67.9	61.4	—	63.1
October 1994	88.6	88.4	72.8	66.7	—	68.2	79.6	78.8	65.9	57.6	W	59.7
Tennessee												
October 1995	84.4	83.7	73.6	60.4	—	62.6	71.6	71.1	64.5	53.2	W	55.1
September 1995	86.6	85.9	77.3	65.2	—	67.3	74.0	73.6	68.3	58.2	W	59.9
October 1994	87.8	86.8	76.7	63.6	—	66.2	74.5	73.8	67.7	56.4	W	58.5
Wisconsin												
October 1995	81.7	81.1	68.1	61.5	—	63.7	72.1	72.0	59.4	53.6	—	55.3
September 1995	84.3	83.8	72.4	67.6	—	69.1	74.3	74.2	63.9	59.6	—	60.8
October 1994	86.3	84.7	70.9	63.6	—	66.4	75.2	74.2	61.6	56.0	—	58.0
PAD District III												
October 1995	85.6	82.8	70.2	59.7	50.6	61.0	72.9	71.2	63.7	52.4	47.8	53.4
September 1995	88.2	86.1	74.0	64.9	54.4	64.7	75.3	74.0	67.6	57.6	50.7	57.0
October 1994	88.6	86.5	73.3	62.5	51.4	64.3	76.0	74.6	65.8	55.3	48.1	56.1
Alabama												
October 1995	87.3	85.3	76.7	60.2	—	63.8	74.7	73.7	67.0	52.9	W	56.1
September 1995	89.5	88.0	79.9	65.4	—	68.6	76.8	75.9	71.0	57.8	W	60.7
October 1994	89.4	87.6	79.4	63.8	—	67.4	76.5	75.5	70.2	56.0	W	59.2
Arkansas												
October 1995	82.0	79.9	68.4	59.4	—	61.4	69.2	68.0	61.7	52.2	46.4	53.6
September 1995	85.1	82.7	72.5	64.7	W	65.9	72.1	71.1	65.5	57.5	51.0	58.5
October 1994	87.2	84.3	68.9	61.9	—	63.2	74.9	73.2	62.3	54.5	49.4	55.8
Louisiana												
October 1995	85.2	82.5	72.2	58.2	52.5	61.8	72.5	71.3	64.0	52.2	48.2	54.1
September 1995	86.9	85.5	76.1	63.9	55.1	64.4	74.3	73.6	67.9	57.0	51.9	57.7
October 1994	88.6	86.8	76.7	61.8	50.2	64.1	76.2	75.4	68.4	55.1	48.8	56.3
Mississippi												
October 1995	88.7	87.8	68.9	59.9	W	61.2	75.4	74.7	60.7	52.1	48.4	53.3
September 1995	90.4	89.6	72.9	64.8	W	65.5	77.1	76.5	64.4	57.0	51.2	57.0
October 1994	89.3	88.4	73.9	63.0	51.5	60.4	77.1	76.3	65.6	55.3	48.9	55.5
New Mexico												
October 1995	90.5	90.1	74.5	67.9	—	69.2	79.3	78.9	65.1	60.2	—	61.3
September 1995	92.1	92.0	79.9	74.6	—	75.8	81.1	80.9	70.2	66.6	—	67.5
October 1994	93.0	92.2	77.0	68.8	—	70.6	82.1	81.4	67.2	61.4	W	62.5
Texas												
October 1995	84.3	80.8	68.2	59.3	50.5	59.3	71.8	69.6	63.4	51.6	47.7	52.3
September 1995	87.8	84.8	72.0	64.1	54.2	62.8	74.6	72.8	67.2	56.8	50.5	55.5
October 1994	88.3	86.0	71.8	61.9	52.0	64.3	75.4	73.7	64.9	54.7	47.8	55.3
PAD District IV												
October 1995	93.0	92.3	77.7	74.1	W	75.1	81.1	80.7	70.5	66.4	W	67.5
September 1995	94.0	93.3	79.2	75.3	W	76.4	82.2	81.9	72.0	68.2	W	69.3
October 1994	96.6	95.6	79.9	73.7	—	75.7	85.2	84.7	72.0	65.7	W	67.6
Colorado												
October 1995	94.7	94.2	75.5	66.4	W	68.8	80.1	79.8	67.1	59.6	W	61.6
September 1995	96.6	96.1	78.3	71.1	W	73.1	82.4	82.3	70.1	64.8	W	66.4
October 1994	101.9	100.8	80.0	66.4	—	70.8	86.8	86.0	69.5	59.2	—	62.6

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												
October 1995	78.7	78.2	69.5	67.0	—	67.8	85.1	84.1	74.5	71.0	—	72.4
September 1995	78.2	77.8	69.7	67.0	—	67.8	85.0	83.8	74.8	71.0	—	72.5
October 1994	81.7	81.1	72.5	70.0	—	70.9	88.9	89.6	78.5	73.7	—	74.8
Montana												
October 1995	79.6	80.7	72.0	67.6	—	68.5	84.9	84.9	77.0	73.4	—	73.8
September 1995	79.6	80.9	73.5	68.8	—	69.7	85.5	85.5	77.1	73.6	—	73.9
October 1994	85.3	85.3	72.4	64.8	W	66.2	W	88.7	W	W	—	W
Utah												
October 1995	76.5	75.9	68.3	68.2	W	68.2	84.4	84.1	73.2	73.2	—	73.2
September 1995	76.4	76.1	68.9	67.1	—	67.6	84.7	84.5	74.7	71.8	—	73.0
October 1994	77.0	77.4	69.9	68.0	W	68.6	84.6	84.6	74.7	73.2	—	74.0
Wyoming												
October 1995	84.3	83.3	68.5	63.4	—	64.4	91.1	91.1	70.0	71.2	—	70.2
September 1995	84.6	83.9	71.9	68.1	—	68.9	91.4	91.4	75.1	77.1	—	75.5
October 1994	87.2	85.9	68.5	62.3	W	63.5	94.3	94.3	68.1	W	—	71.2
PAD District V												
October 1995	82.3	81.5	NA	64.3	56.2	65.3	NA	NA	NA	70.1	NA	NA
September 1995	79.8	79.1	69.1	63.0	57.3	65.4	82.7	83.1	73.4	66.8	W	71.4
October 1994	82.2	81.6	72.1	61.4	54.6	63.4	90.3	90.0	80.2	68.1	W	77.6
Alaska												
October 1995	111.1	107.9	86.6	70.6	W	77.8	103.5	105.4	92.6	81.0	NA	90.1
September 1995	112.7	108.9	90.7	71.8	90.9	82.9	103.7	105.1	90.5	81.0	W	89.0
October 1994	112.4	110.1	85.9	74.1	W	80.3	W	NA	87.7	W	W	90.7
Arizona												
October 1995	83.7	79.0	68.7	60.9	57.1	63.5	89.5	89.0	72.8	67.6	—	70.4
September 1995	82.5	81.8	71.9	62.7	W	67.7	89.9	89.7	76.3	67.9	—	73.4
October 1994	85.3	83.7	71.1	62.6	W	64.9	NA	NA	73.7	70.0	—	73.5
California												
October 1995	73.0	73.6	63.4	59.9	55.5	56.5	80.0	80.0	71.9	66.3	—	67.4
September 1995	71.0	71.2	65.4	60.1	55.0	62.1	76.7	77.2	70.8	64.7	W	68.9
October 1994	77.1	77.1	68.3	55.8	53.9	57.7	89.6	89.6	76.5	65.2	—	73.5
Hawaii												
October 1995	101.2	94.6	93.8	85.9	—	92.6	107.4	101.4	99.7	W	—	99.4
September 1995	100.8	93.8	93.5	82.2	—	91.8	107.5	100.9	99.7	W	—	99.5
October 1994	99.7	93.2	92.9	80.1	—	90.8	106.1	98.5	99.3	W	—	98.9
Nevada												
October 1995	79.6	79.8	NA	64.1	59.0	64.4	NA	NA	NA	70.6	—	NA
September 1995	82.4	81.8	64.0	63.8	58.3	63.1	82.1	82.5	68.4	69.9	—	68.9
October 1994	76.6	77.0	69.3	64.2	W	64.6	89.1	88.9	75.6	73.1	—	74.5
Oregon												
October 1995	80.8	80.2	70.5	65.6	57.3	65.8	87.2	85.7	75.0	72.5	—	73.7
September 1995	81.6	81.1	70.8	66.6	57.7	67.3	88.1	87.0	76.7	73.4	—	75.4
October 1994	80.9	80.1	69.6	63.2	55.9	64.2	82.8	84.3	NA	68.1	—	70.0
Washington												
October 1995	81.5	81.5	72.4	64.3	58.2	67.1	89.8	89.8	77.7	71.0	—	75.3
September 1995	81.4	81.3	72.6	64.6	60.1	67.8	88.7	89.0	78.2	70.4	—	76.0
October 1994	82.3	81.9	71.5	65.4	54.2	67.6	87.2	86.9	77.2	W	—	76.4

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												
October 1995	89.5	88.8	79.3	76.7	—	77.7	80.8	80.2	72.2	68.9	—	70.0
September 1995	89.4	89.0	79.8	76.7	—	77.9	80.4	79.8	72.4	68.9	—	70.1
October 1994	92.6	92.2	83.0	78.7	—	80.5	83.4	82.7	74.7	71.4	—	72.5
Montana												
October 1995	89.0	89.6	80.2	78.0	—	78.6	81.7	82.4	74.1	69.7	—	70.6
September 1995	89.2	89.4	81.8	78.5	—	79.4	81.9	82.6	75.7	70.9	—	71.9
October 1994	94.8	94.5	79.8	74.3	—	75.3	86.9	86.8	73.5	66.3	W	67.6
Utah												
October 1995	91.7	90.7	76.9	77.8	—	77.5	80.8	80.1	71.2	70.9	W	71.0
September 1995	91.9	91.0	77.9	76.6	—	77.0	80.9	80.4	72.0	69.8	—	70.5
October 1994	90.8	89.8	78.9	77.7	—	78.2	81.0	81.0	73.2	70.5	W	71.4
Wyoming												
October 1995	96.7	95.4	78.9	72.9	—	74.1	86.8	85.8	70.3	65.1	—	66.2
September 1995	96.6	94.5	81.7	77.5	—	78.3	87.1	86.2	73.7	69.9	—	70.7
October 1994	98.6	97.7	77.2	72.1	—	73.2	89.4	88.0	70.0	64.0	W	65.2
PAD District V												
October 1995	NA	97.9	NA	77.2	63.8	81.8	85.5	84.6	NA	66.5	56.8	68.3
September 1995	95.8	95.1	83.7	75.1	62.2	79.5	82.5	82.0	72.6	65.1	57.9	68.4
October 1994	100.6	99.5	88.9	76.7	62.9	82.2	85.9	85.2	75.7	63.2	55.0	66.2
Alaska												
October 1995	116.5	113.0	94.1	80.7	—	86.5	110.8	108.2	87.6	71.8	W	79.0
September 1995	118.0	112.0	96.2	83.3	W	89.3	112.4	108.8	91.2	73.0	90.8	83.5
October 1994	114.2	111.9	93.9	83.2	—	89.7	112.6	109.4	87.0	75.0	79.9	81.7
Arizona												
October 1995	99.8	97.9	83.7	73.9	W	78.2	86.9	82.7	71.1	62.9	57.6	65.8
September 1995	98.4	97.9	86.1	75.0	W	81.7	85.6	84.8	74.9	64.9	W	70.5
October 1994	103.6	101.5	86.7	75.9	W	79.6	89.1	87.5	73.2	64.0	W	66.7
California												
October 1995	90.6	91.0	81.4	71.7	62.7	70.8	76.7	77.4	66.7	63.5	55.7	57.9
September 1995	88.3	88.6	79.9	71.4	60.7	76.0	74.7	74.8	69.2	62.4	55.8	65.5
October 1994	98.2	97.9	84.0	70.4	W	77.3	82.6	82.5	72.0	57.0	54.1	59.9
Hawaii												
October 1995	117.5	109.1	106.8	101.0	—	106.1	106.0	99.1	98.9	90.5	—	97.9
September 1995	118.1	109.1	106.9	96.5	—	105.7	105.9	98.6	98.8	86.9	—	97.3
October 1994	117.4	109.0	104.9	93.8	—	103.6	104.8	97.8	97.9	84.5	—	96.1
Nevada												
October 1995	94.7	93.9	NA	76.0	W	74.9	82.7	82.5	NA	66.3	59.9	66.5
September 1995	NA	95.5	77.5	75.8	W	75.3	84.3	83.7	67.3	66.0	59.6	65.7
October 1994	96.1	95.2	83.8	76.0	W	77.3	81.1	80.8	72.5	65.8	W	66.7
Oregon												
October 1995	96.1	95.4	85.0	80.4	63.6	78.1	83.3	82.6	72.9	67.8	58.4	67.9
September 1995	96.5	96.0	85.3	81.5	64.9	81.8	84.1	83.5	73.5	68.8	58.5	69.7
October 1994	96.8	96.3	84.7	77.8	W	78.2	83.1	82.2	72.0	65.0	56.7	66.2
Washington												
October 1995	99.7	99.2	87.5	76.4	63.5	80.8	85.1	85.0	75.6	66.4	59.2	70.0
September 1995	98.9	98.9	87.6	77.1	W	82.6	84.5	84.6	75.9	66.6	60.2	70.8
October 1994	101.2	99.7	86.8	78.3	—	82.8	85.6	84.8	74.5	67.3	54.2	70.2

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												
October 1995	78.2	77.9	70.0	63.1	W	66.5	82.8	82.7	74.7	66.8	W	71.6
September 1995	82.4	82.5	73.8	66.5	NA	69.4	NA	NA	75.5	69.1	W	NA
October 1994	78.4	77.9	72.5	63.6	57.8	68.9	88.4	87.4	78.3	68.7	W	75.9
PAD District I												
October 1995	-	W	54.6	50.3	-	50.5	-	-	60.5	W	-	55.4
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	75.9	75.1	71.5	62.6	59.8	67.6	87.6	86.7	77.8	69.5	W	75.8
Subdistrict IA												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	78.5	77.8	72.1	64.6	-	69.4	93.7	90.7	77.7	70.9	-	76.3
Connecticut												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	78.5	77.8	72.1	64.6	-	69.4	93.7	90.7	77.7	70.9	-	76.3
Maine												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IB												
October 1995	-	-	-	NA	-	NA	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	76.6	75.6	71.6	62.4	59.8	67.5	88.9	87.9	77.9	69.6	-	76.0
Delaware												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	W	W	W	65.5	-	66.8	W	NA	W	69.7	-	71.8
District of Columbia												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	W	70.6	-	-	70.6	-	W	76.1	-	-	76.1
Maryland												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	76.1	72.9	67.4	66.2	-	67.0	88.0	83.0	73.9	71.2	-	73.3
New Jersey												
October 1995	-	-	-	NA	-	NA	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	77.0	76.2	72.7	61.4	59.0	67.5	91.0	90.2	78.8	68.4	-	76.2
New York												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	76.6	75.7	71.9	63.6	W	68.5	87.2	86.6	78.9	73.4	-	78.1
Pennsylvania												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	73.2	72.8	68.3	60.9	-	63.6	87.4	86.6	75.1	67.3	-	70.8

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
October 1995	94.5	94.1	83.9	73.3	W	79.8	81.2	80.9	73.5	65.0	W	69.5
September 1995	99.4	99.3	87.7	74.0	W	NA	85.6	85.6	76.5	67.8	68.3	70.7
October 1994	96.8	95.9	86.7	73.9	64.0	83.2	83.1	82.4	77.1	66.1	58.9	73.2
PAD District I												
October 1995	—	—	66.6	62.1	—	62.5	—	W	58.9	54.2	—	54.5
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	96.8	95.8	86.5	73.7	63.8	82.4	83.8	82.8	78.1	66.4	61.2	73.8
Subdistrict IA												
October 1995	—	—	—	NA	—	NA	—	—	—	NA	—	NA
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	102.5	101.2	86.2	77.2	W	80.7	86.1	85.1	76.6	68.7	W	73.6
Connecticut												
October 1995	—	—	—	NA	—	NA	—	—	—	NA	—	NA
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	102.5	101.2	86.2	77.2	W	80.7	86.1	85.1	76.6	68.7	W	73.6
Maine												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
New Hampshire												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Rhode Island												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Vermont												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Subdistrict IB												
October 1995	—	—	—	—	—	—	—	—	—	NA	—	NA
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	97.2	96.0	86.6	73.5	64.8	82.6	84.6	83.5	78.4	66.2	61.3	73.9
Delaware												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	W	W	W	77.3	—	80.2	W	W	W	68.9	—	71.2
District of Columbia												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	W	83.6	—	—	83.6	—	W	77.5	—	—	77.5
Maryland												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	95.8	93.8	80.7	77.8	—	80.0	83.2	79.4	72.4	69.9	—	71.7
New Jersey												
October 1995	—	—	—	—	—	—	—	—	—	NA	—	NA
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	99.0	97.8	86.9	72.3	64.1	81.9	85.3	84.4	79.0	65.3	60.4	73.6
New York												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	95.9	94.8	87.5	74.2	W	84.0	84.6	83.5	79.6	67.4	W	75.6
Pennsylvania												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	94.4	93.1	83.1	74.8	—	79.3	80.9	80.1	73.9	64.4	—	68.4

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												
October 1995	—	W	54.6	50.2	—	50.5	—	—	60.5	W	—	55.4
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	71.4	71.0	68.8	62.2	W	65.9	82.2	81.8	75.2	67.2	W	72.2
Florida												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Georgia												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
North Carolina												
October 1995	—	W	54.6	50.2	—	50.5	—	—	60.5	W	—	55.4
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	W	W	W	63.2	—	62.0	W	W	W	66.8	—	66.4
South Carolina												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Virginia												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	75.3	74.0	69.8	62.0	—	66.5	88.2	86.7	76.0	67.3	—	72.9
West Virginia												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	W	—	—	W	W	—	W	—	—	W	W
PAD District II												
October 1995	73.9	73.5	63.1	58.8	—	59.5	80.1	80.0	W	59.9	—	62.9
September 1995	79.2	79.2	68.7	63.7	—	65.0	87.3	87.3	W	64.9	—	69.7
October 1994	77.0	76.7	66.3	61.2	—	62.5	84.8	84.1	73.2	63.3	—	67.2
Illinois												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Indiana												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Iowa												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Kansas												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Kentucky												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Michigan												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Minnesota												
October 1995	73.9	73.5	63.1	58.8	—	59.5	80.1	80.0	W	60.0	—	63.0
September 1995	79.2	79.2	68.7	63.8	—	65.1	87.3	87.3	W	64.9	—	69.9
October 1994	77.0	76.7	66.3	61.2	—	62.5	84.8	84.1	73.2	63.3	—	67.2
Missouri												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—

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												
October 1995	—	—	66.6	62.0	—	62.4	—	W	58.9	54.1	—	54.4
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	92.6	92.2	83.4	73.0	—	78.7	79.1	78.6	74.2	66.3	W	70.9
Florida												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Georgia												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
North Carolina												
October 1995	—	—	66.6	62.0	—	62.4	—	W	58.9	54.1	—	54.4
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	W	W	W	71.9	—	72.2	W	W	W	67.5	—	66.4
South Carolina												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Virginia												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	97.6	96.2	84.2	73.5	—	80.2	83.6	82.2	75.2	66.0	—	71.6
West Virginia												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	W	—	—	—	—	—	W	—	—	W	W
PAD District II												
October 1995	87.2	87.0	W	64.5	—	67.2	75.8	75.5	66.3	59.6	—	60.8
September 1995	91.8	91.8	79.3	68.4	—	69.3	81.0	81.0	70.6	64.5	—	66.1
October 1994	91.8	91.6	78.0	65.8	—	68.5	79.3	79.0	68.6	62.0	—	63.8
Illinois												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Indiana												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Iowa												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Kansas												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Kentucky												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Michigan												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Minnesota												
October 1995	87.2	87.0	W	64.6	—	67.3	75.8	75.5	66.3	59.6	—	60.9
September 1995	91.8	91.8	79.3	68.5	—	69.4	81.0	81.0	70.6	64.6	—	66.1
October 1994	91.8	91.6	78.0	65.8	—	68.5	79.3	79.0	68.6	62.0	—	63.8
Missouri												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—

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												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Ohio												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Oklahoma												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin												
October 1995	-	-	-	W	-	W	-	-	-	W	-	W
September 1995	-	-	-	W	-	W	-	-	-	W	-	W
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
PAD District III												
October 1995	80.0	79.2	67.9	66.5	W	NA	87.7	87.6	73.1	70.7	-	71.8
September 1995	W	NA	W	70.5	W	NA	W	W	W	76.3	-	75.7
October 1994	84.3	83.3	72.7	69.3	W	70.1	92.3	89.4	81.0	60.4	-	66.1
Alabama												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Arkansas												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico												
October 1995	78.7	78.5	65.7	61.0	-	63.3	86.8	86.6	70.1	65.6	-	68.0
September 1995	W	W	W	-	-	W	W	W	W	-	-	W
October 1994	81.9	80.9	68.4	66.6	-	67.6	NA	NA	76.0	71.5	-	73.9
Texas												
October 1995	82.8	80.4	W	67.5	W	70.6	W	W	W	73.9	-	74.8
September 1995	W	W	W	70.5	W	NA	W	W	W	76.3	-	76.7
October 1994	87.1	86.1	W	NA	W	NA	93.8	93.8	W	58.3	-	63.4
PAD District IV												
October 1995	82.2	82.2	65.0	60.8	-	61.7	86.0	85.6	70.5	67.5	-	68.7
September 1995	W	W	-	W	-	W	W	W	-	W	-	W
October 1994	79.5	78.7	64.3	62.3	-	63.1	W	87.7	68.9	69.0	-	68.9
Colorado												
October 1995	82.2	82.1	64.8	60.2	-	61.2	85.9	85.4	70.3	66.5	-	68.1
September 1995	W	W	-	W	-	W	W	W	-	W	-	W
October 1994	79.5	78.7	64.1	61.5	-	62.7	W	87.7	68.6	68.8	-	68.6

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												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Ohio												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Oklahoma												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin												
October 1995	-	-	-	W	-	W	-	-	-	W	-	W
September 1995	-	-	-	W	-	W	-	-	-	W	-	W
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
PAD District III												
October 1995	96.3	94.3	79.8	75.4	-	76.6	83.7	82.8	70.8	67.9	W	70.2
September 1995	W	NA	W	79.6	-	79.8	W	NA	W	71.9	W	NA
October 1994	99.9	98.5	86.1	69.9	-	73.8	87.4	86.2	76.0	68.5	W	70.3
Alabama												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Arkansas												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico												
October 1995	96.3	96.3	77.3	70.2	-	73.2	81.9	81.7	67.8	63.0	-	65.4
September 1995	W	W	W	-	-	W	W	W	W	-	-	W
October 1994	99.5	99.0	81.4	75.5	-	78.4	84.4	83.0	70.9	68.3	-	69.6
Texas												
October 1995	W	92.5	W	76.8	-	77.8	W	84.5	W	69.0	W	71.5
September 1995	W	W	W	79.6	-	80.1	W	W	W	71.9	W	NA
October 1994	100.2	98.2	W	68.9	-	72.5	90.3	89.3	W	NA	W	70.5
PAD District IV												
October 1995	94.2	94.2	75.6	69.8	-	71.4	84.5	84.5	68.1	62.8	-	64.1
September 1995	W	W	-	W	-	W	W	W	-	W	-	W
October 1994	100.1	97.3	72.5	71.6	-	72.1	83.5	82.3	66.5	64.0	-	65.2
Colorado												
October 1995	94.0	94.0	75.3	68.5	-	70.6	84.4	84.4	67.9	62.0	-	63.5
September 1995	W	W	-	W	-	W	W	W	-	W	-	W
October 1994	100.1	97.3	72.2	70.4	-	71.3	83.5	82.3	66.2	63.2	-	64.7

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												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	W	-	-	W	-	-	W	-	-	W
Montana												
October 1995	-	-	W	71.7	-	71.6	-	-	W	W	-	W
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	W	76.3	W	72.5	-	72.4	-	-	-	-	-	-
Utah												
October 1995	84.2	84.1	W	71.1	-	72.0	W	W	W	76.4	-	77.5
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	W	69.5	W	69.3	-	70.2	-	-	W	W	-	W
Wyoming												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
PAD District V												
October 1995	79.1	78.8	70.4	64.5	W	67.5	83.0	82.9	75.0	68.3	W	72.6
September 1995	86.7	86.9	75.5	68.8	W	69.1	NA	NA	75.0	72.8	W	NA
October 1994	79.1	78.6	73.1	64.6	57.3	70.1	89.5	88.5	78.9	69.4	W	76.7
Alaska												
October 1995	W	89.3	93.5	86.3	-	92.3	W	W	100.7	W	-	100.8
September 1995	W	W	W	-	-	W	W	W	W	-	-	W
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Arizona												
October 1995	80.4	80.4	73.7	68.1	-	72.2	89.1	89.1	78.9	71.0	-	76.6
September 1995	85.6	85.5	75.9	NA	-	73.1	89.3	88.9	79.2	W	-	78.9
October 1994	80.8	80.6	74.3	68.6	-	73.7	91.2	86.6	72.9	W	-	W
California												
October 1995	73.2	73.5	68.2	62.3	W	65.2	79.2	79.5	74.0	66.9	W	71.4
September 1995	73.9	73.6	W	60.3	W	61.6	86.6	86.3	W	W	W	NA
October 1994	77.3	76.8	72.9	63.8	57.3	69.5	89.4	88.4	78.9	69.2	W	76.7
Hawaii												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
October 1995	91.6	90.9	66.3	70.5	-	67.8	90.8	90.8	72.4	74.2	-	72.7
September 1995	91.7	91.0	NA	70.2	-	NA	95.8	95.7	71.5	74.3	-	71.9
October 1994	89.1	87.9	71.3	68.5	-	70.7	91.1	90.5	78.2	72.2	-	76.6
Oregon												
October 1995	85.2	85.7	74.2	71.6	-	73.7	94.6	92.1	76.2	78.0	-	76.5
September 1995	88.0	89.2	W	-	-	W	W	W	-	-	-	-
October 1994	84.6	83.8	73.4	69.7	-	72.5	W	W	W	W	-	79.2
Washington												
October 1995	83.3	83.3	78.4	69.7	-	75.1	90.0	90.0	82.1	72.3	-	77.9
September 1995	85.9	86.1	W	69.5	-	74.7	W	W	W	73.5	-	NA
October 1994	83.6	83.4	76.4	72.6	-	75.5	W	W	W	75.4	-	80.0

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												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	W	-	-	W	-	-	W	-	-	W
Montana												
October 1995	-	-	W	81.3	-	81.2	-	-	W	74.6	-	74.5
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	W	W	W	81.6	-	81.5	W	79.0	W	74.5	-	74.5
Utah												
October 1995	98.0	97.7	W	80.2	-	81.3	87.7	87.5	W	74.0	-	75.0
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	W	W	79.7	-	81.5	W	73.1	W	71.7	-	73.2
Wyoming												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
PAD District V												
October 1995	95.6	95.1	84.2	75.5	W	81.1	82.2	81.9	73.9	66.6	W	70.7
September 1995	102.6	102.7	88.3	78.4	W	NA	90.5	90.5	78.2	70.8	W	71.3
October 1994	96.9	96.3	87.2	76.2	W	84.9	83.2	82.5	77.0	66.7	58.0	73.8
Alaska												
October 1995	W	110.4	W	99.6	-	105.2	W	93.6	97.0	87.4	-	95.7
September 1995	W	W	W	-	-	W	W	W	W	-	-	W
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Arizona												
October 1995	96.8	96.7	86.7	81.2	-	85.3	83.7	83.6	77.0	70.9	-	75.3
September 1995	102.4	102.4	88.1	79.4	-	86.1	89.5	89.3	78.7	68.9	-	76.2
October 1994	97.4	97.2	85.4	80.9	-	85.1	83.6	83.4	76.7	70.5	-	76.1
California												
October 1995	90.8	90.6	82.5	73.3	W	79.0	77.1	77.3	72.3	64.6	W	68.7
September 1995	NA	NA	W	W	W	NA	82.5	82.2	W	63.5	W	64.3
October 1994	96.3	95.5	87.3	75.6	W	84.8	82.3	81.5	77.0	66.0	58.0	73.5
Hawaii												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
October 1995	103.0	103.0	80.9	78.7	-	80.3	93.3	92.8	70.2	71.9	-	70.8
September 1995	103.7	103.7	79.8	76.6	-	78.5	95.6	95.2	69.8	71.8	-	70.6
October 1994	105.2	104.6	85.3	78.6	-	84.0	92.2	91.0	74.4	70.4	-	73.5
Oregon												
October 1995	103.9	103.5	89.5	85.4	-	88.7	88.4	88.6	76.7	74.3	-	76.2
September 1995	105.7	106.4	W	-	-	W	90.7	91.8	W	-	-	W
October 1994	99.9	98.9	86.8	79.9	-	85.0	87.3	86.5	76.0	72.0	-	75.0
Washington												
October 1995	100.7	100.7	93.9	80.6	-	89.5	86.2	86.2	81.5	71.6	-	77.7
September 1995	102.4	102.5	W	79.6	-	88.4	88.8	88.9	W	71.5	-	77.1
October 1994	96.8	96.7	88.5	82.8	-	87.6	85.2	84.9	79.2	74.3	-	78.2

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												
October 1995	71.9	71.3	66.4	56.6	53.4	60.7	80.6	79.9	71.3	61.0	W	68.4
September 1995	73.5	73.0	67.7	61.0	56.5	63.4	81.6	81.1	72.3	65.2	W	70.3
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
PAD District I												
October 1995	73.9	72.8	66.7	57.2	52.9	60.3	83.9	82.2	72.2	62.0	W	68.5
September 1995	76.0	75.1	69.8	61.9	56.0	63.9	86.1	84.7	75.1	66.3	W	71.9
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IA												
October 1995	76.1	75.4	69.7	58.1	54.2	62.1	86.0	84.1	76.8	62.4	-	70.1
September 1995	77.9	77.4	72.6	62.7	56.1	65.7	87.8	86.3	79.6	66.7	-	73.7
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut												
October 1995	74.9	74.2	68.1	58.4	53.4	61.7	84.9	81.9	74.4	62.8	-	69.0
September 1995	77.2	76.6	71.3	62.8	NA	66.5	87.2	84.8	77.6	67.0	-	72.6
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
October 1995	77.3	75.8	68.0	58.2	52.2	58.5	89.0	86.9	81.6	61.6	-	69.1
September 1995	79.1	78.2	70.4	62.5	NA	63.8	90.2	88.7	82.5	66.0	-	71.9
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
October 1995	77.1	76.5	71.3	58.1	NA	63.2	87.0	85.5	78.2	62.7	-	71.4
September 1995	78.6	78.1	73.8	62.7	56.3	65.8	88.7	87.2	80.8	66.9	-	75.0
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire												
October 1995	76.3	76.0	69.0	60.9	-	66.0	85.8	85.3	76.5	65.0	-	74.0
September 1995	78.7	78.5	72.7	64.0	-	69.5	87.5	87.3	79.0	67.7	-	76.6
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
October 1995	72.5	72.4	68.2	56.4	W	60.1	81.4	80.9	74.0	60.2	-	67.1
September 1995	74.2	74.1	70.7	61.9	W	63.4	83.7	83.3	77.5	65.8	-	71.3
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IB												
October 1995	73.7	72.2	65.9	57.2	52.6	59.7	84.1	82.3	71.3	62.6	W	68.8
September 1995	76.1	74.7	69.1	61.9	55.9	63.3	86.6	84.9	74.1	66.7	W	72.0
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Delaware												
October 1995	72.3	71.5	64.3	56.7	W	59.8	82.6	81.7	70.4	60.3	-	65.2
September 1995	75.2	74.4	67.9	61.1	W	64.3	85.3	84.4	73.8	64.8	-	69.7
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
October 1995	NA	62.2	64.9	W	-	64.8	NA	74.5	69.4	-	-	69.4
September 1995	W	65.2	67.7	W	-	67.7	W	74.9	71.5	-	-	71.5
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
October 1995	72.0	68.2	62.9	55.2	W	60.2	81.0	77.4	68.0	60.1	W	65.7
September 1995	74.5	71.0	65.5	60.2	W	63.6	83.5	80.6	70.2	64.9	-	68.7
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey												
October 1995	75.4	74.5	69.0	56.9	52.4	58.4	87.2	85.9	74.3	63.5	-	70.8
September 1995	77.7	77.0	71.5	61.5	56.2	61.9	89.7	88.6	76.6	66.9	W	73.4
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
New York												
October 1995	73.9	72.7	66.0	58.6	NA	61.0	83.2	81.9	72.8	66.5	-	71.6
September 1995	75.9	75.0	70.1	63.4	NA	64.9	85.4	84.5	76.8	70.0	-	75.6
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania												
October 1995	70.8	69.7	64.0	58.3	W	61.4	81.8	80.6	69.1	63.2	-	66.9
September 1995	73.4	72.5	68.0	62.1	-	65.4	84.5	83.5	72.2	67.1	-	70.3
October 1994	-	-	-	-	-	-	-	-	-	-	-	-

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												
October 1995	89.6	88.6	79.5	65.8	57.2	73.5	77.2	76.5	71.0	59.2	54.0	65.0
September 1995	91.3	90.4	81.1	70.8	63.3	76.9	78.7	78.1	72.3	63.5	57.4	67.6
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
PAD District I												
October 1995	91.9	90.4	79.9	66.4	56.9	73.0	79.7	78.4	71.9	60.0	53.7	64.7
September 1995	94.3	92.9	82.9	71.7	63.9	77.8	81.9	80.8	74.8	64.7	57.0	68.5
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Subdistrict IA												
October 1995	94.4	92.6	83.4	67.4	W	74.6	81.0	80.1	74.0	60.5	54.2	65.7
September 1995	96.6	95.1	86.4	72.7	W	78.4	82.9	82.2	76.9	65.1	57.1	69.4
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Connecticut												
October 1995	94.1	92.4	81.1	68.4	W	74.1	80.1	79.0	72.1	61.1	53.4	65.2
September 1995	97.2	95.5	84.6	73.6	—	79.0	82.5	81.5	75.4	65.6	NA	70.1
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Maine												
October 1995	95.1	93.5	79.5	66.9	—	69.3	81.6	80.0	72.9	60.1	52.2	61.3
September 1995	96.8	95.0	81.9	72.0	W	72.7	83.4	82.4	74.8	64.4	W	66.4
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts												
October 1995	95.8	93.3	85.5	67.1	W	75.9	82.2	81.3	75.8	60.5	NA	66.9
September 1995	97.3	95.4	88.1	72.3	W	79.3	83.7	82.9	78.5	65.1	57.3	69.8
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
New Hampshire												
October 1995	92.6	92.4	81.2	70.5	—	77.8	80.5	80.2	72.7	63.0	—	69.3
September 1995	95.4	95.3	84.7	74.8	—	81.6	83.0	82.8	76.2	66.3	—	72.8
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Rhode Island												
October 1995	89.1	88.7	81.6	65.7	—	72.2	77.4	77.1	72.4	58.9	W	63.6
September 1995	91.7	91.3	84.4	71.7	W	75.7	79.3	79.1	75.1	64.5	W	66.9
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Vermont												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Subdistrict IB												
October 1995	92.1	90.6	79.7	65.9	57.1	72.7	80.5	78.7	71.7	60.2	53.6	64.7
September 1995	94.5	93.0	82.7	71.4	64.0	78.0	82.8	81.3	74.8	64.9	57.0	68.5
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Delaware												
October 1995	91.8	90.4	78.5	66.1	W	71.5	77.5	76.6	68.2	59.1	W	63.0
September 1995	94.7	93.5	81.5	70.9	—	76.4	80.5	79.6	71.6	63.6	W	67.5
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
District of Columbia												
October 1995	NA	NA	76.9	—	—	76.9	NA	68.3	71.6	W	—	71.6
September 1995	W	79.1	78.8	—	—	78.8	W	70.9	73.8	W	—	73.8
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Maryland												
October 1995	87.7	83.6	74.0	65.8	W	71.8	76.9	73.0	67.1	58.4	W	64.4
September 1995	90.1	86.3	76.2	70.9	W	74.7	79.4	76.1	69.5	63.5	W	67.6
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
New Jersey												
October 1995	95.4	93.9	83.2	65.1	56.7	70.5	82.8	81.7	75.0	60.0	53.5	63.0
September 1995	97.9	96.6	85.6	70.7	64.0	77.2	85.2	84.2	77.3	64.7	57.3	66.8
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
New York												
October 1995	90.7	89.9	80.5	66.4	57.4	75.8	80.9	79.5	73.2	61.5	NA	67.4
September 1995	92.5	91.9	84.3	72.2	63.7	80.8	82.9	81.8	77.2	66.4	NA	71.6
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Pennsylvania												
October 1995	88.6	87.4	77.3	68.5	W	74.6	77.4	76.0	68.7	60.9	W	65.6
September 1995	91.5	90.3	80.9	73.2	—	78.4	80.0	78.7	72.4	65.0	—	69.4
October 1994	—	—	—	—	—	—	—	—	—	—	—	—

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	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												
October 1995	68.5	67.8	62.5	54.2	W	57.7	79.2	78.3	67.6	59.5	—	64.2
September 1995	70.8	70.3	65.4	59.1	W	61.9	81.5	80.8	70.3	64.0	—	67.7
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Florida												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Georgia												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
North Carolina												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
South Carolina												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Virginia												
October 1995	68.5	67.8	62.5	54.2	W	57.7	79.2	78.3	67.6	59.5	—	64.2
September 1995	70.8	70.3	65.4	59.1	W	61.9	81.5	80.8	70.3	64.0	—	67.7
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
West Virginia												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
PAD District II												
October 1995	74.0	73.2	67.7	56.1	—	61.7	82.6	82.4	73.1	59.7	—	69.7
September 1995	76.3	75.8	70.1	61.8	—	65.9	84.4	84.3	74.3	65.6	—	72.1
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Illinois												
October 1995	76.1	75.0	71.4	56.4	—	64.9	84.5	84.1	74.9	59.5	—	72.6
September 1995	77.0	76.2	72.7	61.5	—	67.9	85.0	84.9	75.5	64.9	—	73.8
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Indiana												
October 1995	68.9	68.4	63.9	57.6	—	59.3	79.2	78.8	67.8	61.6	—	64.5
September 1995	71.9	71.4	66.0	62.1	—	63.2	80.3	79.8	68.3	66.6	—	67.5
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Iowa												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Kansas												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Kentucky												
October 1995	69.0	68.6	60.1	54.6	—	56.0	78.5	78.4	65.8	59.0	—	61.6
September 1995	73.5	73.1	65.2	62.6	—	63.3	82.9	82.9	71.2	66.5	—	68.4
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Michigan												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Minnesota												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Missouri												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—

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
Subdistrict IC												
October 1995	86.3	85.3	74.8	65.6	—	71.0	74.6	73.7	67.3	57.6	W	62.4
September 1995	88.9	88.1	77.4	70.2	—	74.4	76.8	76.2	70.1	62.4	W	66.2
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Florida												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Georgia												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
North Carolina												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
South Carolina												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Virginia												
October 1995	86.3	85.3	74.8	65.6	—	71.0	74.6	73.7	67.3	57.6	W	62.4
September 1995	88.9	88.1	77.4	70.2	—	74.4	76.8	76.2	70.1	62.4	W	66.2
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
West Virginia												
October 1995	—	W	—	—	—	—	—	W	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
PAD District II												
October 1995	90.1	89.4	79.7	65.0	—	74.0	78.4	77.6	71.6	58.0	—	65.5
September 1995	92.4	91.8	81.8	70.5	—	77.4	80.6	80.0	73.7	63.7	—	69.2
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Illinois												
October 1995	91.8	91.1	82.1	65.1	—	77.2	80.8	79.7	74.9	58.3	—	69.1
September 1995	92.8	92.1	83.7	69.9	—	79.7	81.6	80.8	76.2	63.4	—	71.7
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Indiana												
October 1995	87.4	86.5	74.9	67.0	—	69.9	74.9	74.0	67.4	59.9	—	62.3
September 1995	88.7	87.8	76.2	71.8	—	73.7	76.8	76.1	69.0	64.3	—	65.9
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Iowa												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Kansas												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Kentucky												
October 1995	87.2	87.1	73.2	63.9	—	66.8	74.0	73.5	64.3	57.1	—	59.1
September 1995	91.6	91.5	77.2	71.8	—	73.5	78.4	78.0	69.0	65.0	—	66.2
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Michigan												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Minnesota												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—
Missouri												
October 1995	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
October 1994	—	—	—	—	—	—	—	—	—	—	—	—

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	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												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Ohio												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Oklahoma												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin												
October 1995	74.8	74.1	61.3	55.8	-	58.5	82.9	82.8	67.9	59.3	-	65.5
September 1995	78.2	77.9	66.3	61.5	-	63.8	86.6	86.6	71.4	64.8	-	69.5
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
PAD District III												
October 1995	65.7	65.5	63.6	51.9	48.2	55.1	77.0	76.8	69.2	56.1	-	62.2
September 1995	69.0	68.9	65.9	57.4	54.2	59.7	80.2	80.0	71.7	61.6	-	66.3
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Alabama												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Arkansas												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana												
October 1995	-	W	-	-	W	W	-	-	-	-	-	-
September 1995	-	W	-	-	W	W	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Texas												
October 1995	65.7	65.5	63.6	51.9	48.3	55.2	77.0	76.8	69.2	56.1	-	62.2
September 1995	69.0	68.9	65.9	57.4	54.4	59.8	80.2	80.0	71.7	61.6	-	66.3
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
PAD District IV												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Colorado												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-

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
Nebraska												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Ohio												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Oklahoma												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin												
October 1995	88.8	87.4	71.2	64.2	-	67.9	77.6	76.9	63.6	57.2	-	60.5
September 1995	93.9	93.1	76.0	70.1	-	73.2	81.2	80.8	68.4	63.0	-	65.7
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
PAD District III												
October 1995	83.7	83.2	75.1	61.5	W	67.0	71.5	71.3	67.4	54.3	48.9	58.5
September 1995	87.1	86.6	77.9	67.0	60.4	70.8	74.8	74.6	69.9	59.8	55.5	62.9
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Alabama												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Arkansas												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana												
October 1995	-	-	-	-	-	-	-	W	-	-	W	W
September 1995	-	-	-	-	-	-	-	W	-	-	W	W
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Texas												
October 1995	83.7	83.2	75.1	61.5	W	67.0	71.5	71.3	67.4	54.3	49.0	58.7
September 1995	87.1	86.6	77.9	67.0	60.4	70.8	74.8	74.6	69.9	59.8	55.9	63.0
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
PAD District IV												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Colorado												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-

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	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												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Montana												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Utah												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
PAD District V												
October 1995	72.1	72.0	66.1	61.6	58.0	64.2	77.2	76.9	70.1	66.1	-	69.8
September 1995	70.1	69.8	64.5	60.7	59.1	63.1	74.8	74.5	68.7	65.3	-	68.4
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Alaska												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Arizona												
October 1995	-	-	W	-	-	W	-	-	W	-	-	W
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
California												
October 1995	72.1	72.0	66.1	61.6	58.0	64.3	77.2	76.9	70.1	66.1	-	69.8
September 1995	70.1	69.8	64.5	60.7	59.1	63.1	74.8	74.5	68.7	65.3	-	68.4
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
October 1995	-	-	W	-	-	W	-	-	W	-	-	W
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Oregon												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Washington												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-

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
Idaho												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Montana												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Utah												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
PAD District V												
October 1995	89.8	89.1	79.4	70.9	63.2	78.0	76.6	76.2	70.2	63.7	58.3	68.2
September 1995	87.5	86.9	77.8	71.1	W	76.7	74.5	74.0	68.5	62.6	59.3	66.7
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Alaska												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Arizona												
October 1995	-	-	W	-	-	W	-	-	W	-	-	W
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
California												
October 1995	89.8	89.1	79.4	70.9	63.2	78.0	76.6	76.2	70.2	63.7	58.3	68.3
September 1995	87.5	86.9	77.8	71.1	W	76.7	74.5	74.0	68.5	62.6	59.3	66.7
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
October 1995	-	-	W	-	-	W	-	-	W	-	-	W
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Oregon												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-
Washington												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	-	-	-	-	-	-	-	-	-	-	-

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 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												
October 1995	69.3	56.6	55.4	78.3	59.4	63.2	87.1	65.8	68.1	74.2	58.4	58.8
September 1995	71.7	59.7	59.2	80.1	63.1	66.2	89.3	69.2	71.6	76.4	61.6	62.3
October 1994	72.7	56.5	57.9	82.5	59.4	65.8	91.0	66.1	71.9	77.7	58.4	61.4
PAD District I												
October 1995	68.2	53.8	55.5	78.8	56.7	62.2	87.2	62.0	68.4	74.5	55.5	59.7
September 1995	70.5	57.7	60.1	81.0	61.1	66.2	89.4	66.6	73.2	76.7	59.6	64.2
October 1994	70.8	53.3	57.7	82.4	56.2	65.2	91.4	62.9	73.2	77.6	55.4	62.6
Subdistrict IA												
October 1995	79.8	57.7	62.2	90.6	60.2	69.8	97.7	W	75.0	86.4	59.4	66.1
September 1995	82.4	61.6	66.5	93.2	64.7	73.8	100.9	W	79.0	89.1	63.6	70.3
October 1994	76.8	52.8	59.2	88.9	56.7	67.2	99.1	64.0	73.7	84.8	55.5	63.5
Connecticut												
October 1995	W	W	61.9	W	W	68.9	W	W	74.0	W	W	65.8
September 1995	W	W	66.3	W	62.5	73.1	W	W	79.4	W	62.0	70.3
October 1994	W	W	60.8	W	57.3	67.5	W	65.6	74.0	W	54.0	65.1
Maine												
October 1995	-	W	56.6	-	W	62.0	-	W	67.6	-	W	58.9
September 1995	-	W	62.6	-	W	66.9	-	W	71.6	-	W	64.7
October 1994	-	W	54.8	-	W	59.3	-	W	66.6	-	W	57.5
Massachusetts												
October 1995	81.0	56.8	64.6	92.3	60.0	72.8	100.2	W	77.2	87.8	59.0	68.8
September 1995	83.5	60.9	68.4	94.5	W	76.5	101.7	W	80.7	90.1	63.7	72.6
October 1994	76.9	52.6	59.4	88.7	57.0	68.7	98.8	W	75.1	84.8	56.0	64.4
New Hampshire												
October 1995	W	61.9	67.7	W	W	74.4	W	W	81.0	W	63.6	71.5
September 1995	W	W	71.0	W	W	77.2	W	W	84.1	W	W	74.7
October 1994	W	W	62.6	W	W	69.3	W	W	76.7	W	W	66.7
Rhode Island												
October 1995	76.1	58.1	61.2	85.3	W	68.1	90.4	-	73.7	81.7	59.7	65.0
September 1995	79.7	W	64.2	89.7	W	72.2	95.1	-	76.6	85.6	63.1	67.9
October 1994	74.1	53.0	58.0	83.7	W	65.1	92.3	W	72.1	80.6	53.9	61.6
Vermont												
October 1995	-	-	62.1	-	-	68.0	-	-	74.3	-	-	65.3
September 1995	-	-	66.6	-	-	72.1	-	-	78.1	-	-	69.6
October 1994	-	W	61.1	-	-	67.2	-	-	73.2	-	W	64.5
Subdistrict IB												
October 1995	72.7	57.0	58.1	83.6	60.8	66.4	92.7	65.7	71.1	79.1	58.6	62.8
September 1995	75.4	60.8	62.5	86.4	64.5	69.9	95.0	70.8	76.8	81.8	62.7	67.2
October 1994	73.3	55.8	60.1	85.0	59.0	69.2	94.7	67.2	77.3	80.2	57.8	65.9
Delaware												
October 1995	74.5	W	59.5	86.7	W	65.0	96.9	W	71.4	82.1	W	62.9
September 1995	76.6	W	64.0	88.6	W	69.3	99.2	W	76.7	84.1	W	67.4
October 1994	77.5	W	58.2	91.8	W	63.3	99.3	W	71.7	85.9	W	61.9
District of Columbia												
October 1995	-	53.9	65.0	-	W	69.5	-	65.0	77.0	-	56.9	71.7
September 1995	-	57.9	67.8	-	W	71.5	-	69.5	78.9	-	61.1	73.9
October 1994	-	50.9	67.5	-	W	72.6	-	62.6	80.8	-	54.2	75.2
Maryland												
October 1995	-	56.4	59.4	-	58.9	64.9	-	63.8	71.4	-	57.5	63.6
September 1995	-	59.1	63.1	-	61.8	68.0	-	68.5	74.3	-	60.5	67.0
October 1994	-	50.7	61.6	-	54.8	68.5	-	60.6	75.8	-	52.2	66.8
New Jersey												
October 1995	75.8	55.5	58.2	87.6	59.5	71.1	96.4	63.4	69.4	83.7	58.1	63.0
September 1995	78.5	W	62.5	90.4	63.4	73.6	99.3	69.7	77.3	86.5	62.8	67.6
October 1994	77.3	57.3	62.0	91.2	61.0	73.8	100.2	69.5	80.1	86.3	61.0	68.7
New York												
October 1995	71.8	59.2	60.3	82.7	62.0	68.9	91.8	68.3	75.7	77.8	60.5	65.9
September 1995	74.1	63.3	64.7	85.0	66.2	72.8	93.1	71.2	80.2	79.9	64.6	70.0
October 1994	72.3	59.3	62.4	84.1	61.8	72.7	94.1	67.3	81.2	78.8	60.4	69.1
Pennsylvania												
October 1995	72.0	56.7	55.5	82.0	63.1	61.9	90.2	70.4	67.3	77.5	58.4	58.8
September 1995	75.0	60.7	60.3	85.1	67.2	66.0	93.1	77.2	72.6	80.5	62.6	63.6
October 1994	72.2	55.7	56.2	82.6	58.2	63.7	90.5	69.5	70.2	78.0	57.2	60.1

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												
October 1995	64.3	51.7	51.3	75.1	55.0	57.7	82.7	60.3	64.0	70.5	53.7	55.4
September 1995	66.2	55.8	56.1	77.1	59.4	62.0	84.7	64.5	68.3	72.4	57.8	59.9
October 1994	68.7	52.0	55.1	80.4	55.3	61.8	88.5	61.0	68.8	75.4	54.2	59.5
Florida												
October 1995	63.8	51.1	52.3	75.3	54.2	59.4	82.9	59.8	67.0	71.1	53.1	57.5
September 1995	65.9	55.2	56.7	77.2	58.7	63.2	84.9	63.3	70.1	73.1	57.1	61.5
October 1994	70.4	51.9	57.4	83.0	54.9	65.3	91.0	60.3	74.2	78.3	53.8	63.2
Georgia												
October 1995	62.4	51.5	50.1	72.9	55.0	56.4	80.8	59.1	61.3	68.5	53.8	53.5
September 1995	64.3	55.7	55.5	75.1	59.6	61.4	82.8	64.1	66.6	70.3	58.3	58.7
October 1994	66.4	51.1	53.5	77.2	55.0	59.6	85.6	59.1	64.8	72.4	53.3	56.9
North Carolina												
October 1995	62.3	51.2	50.0	71.6	W	54.9	79.3	W	60.7	67.4	52.8	53.1
September 1995	64.6	55.0	55.0	73.9	W	59.9	80.8	W	65.7	69.5	56.5	58.1
October 1994	66.4	50.6	53.6	76.4	54.1	58.3	84.8	59.3	64.5	71.6	52.6	56.7
South Carolina												
October 1995	61.1	51.2	49.9	71.7	55.4	55.1	79.6	W	61.0	66.4	53.5	52.9
September 1995	63.6	55.4	55.0	74.1	W	60.1	82.0	64.7	66.0	68.7	57.6	58.0
October 1994	64.6	50.9	53.3	75.3	54.6	58.3	82.2	59.2	64.3	69.6	53.0	56.3
Virginia												
October 1995	67.3	53.5	53.3	78.8	57.0	59.6	85.8	62.5	66.0	73.6	55.8	57.5
September 1995	68.7	58.1	57.7	80.1	61.2	63.2	87.7	66.7	69.9	74.9	60.4	61.6
October 1994	68.4	53.0	56.2	80.4	55.2	62.9	88.0	62.6	69.2	75.3	55.3	60.7
West Virginia												
October 1995	73.9	56.0	53.3	84.9	W	59.6	92.9	67.0	65.2	78.5	58.4	56.4
September 1995	75.3	61.1	58.1	87.1	W	64.2	95.4	72.2	69.8	80.1	63.6	61.2
October 1994	76.3	58.7	55.2	87.1	66.0	61.2	94.2	73.0	67.6	81.0	62.7	58.5
PAD District II												
October 1995	67.1	57.5	52.7	76.3	64.5	60.4	83.4	68.7	63.6	71.0	59.3	55.0
September 1995	71.1	61.6	58.1	80.5	69.7	65.3	87.4	71.8	69.0	75.0	63.4	60.3
October 1994	69.5	57.9	54.9	78.8	64.1	63.1	85.1	68.2	66.0	73.4	60.2	57.2
Illinois												
October 1995	74.3	54.2	55.7	83.3	W	68.2	90.4	W	71.3	78.6	54.8	59.4
September 1995	75.5	59.8	59.5	84.0	W	71.0	91.2	72.2	74.8	79.7	60.4	63.1
October 1994	74.8	53.0	56.6	84.1	W	69.9	90.4	W	72.3	79.1	53.8	60.5
Indiana												
October 1995	64.8	59.7	51.9	72.3	W	59.5	77.9	62.3	62.8	68.2	60.5	54.6
September 1995	69.3	62.3	57.1	76.7	W	64.3	82.9	W	68.4	72.7	63.0	59.7
October 1994	65.8	56.2	53.7	72.6	W	60.7	77.9	W	64.7	68.9	57.1	56.3
Iowa												
October 1995	69.6	56.5	52.5	W	—	54.9	78.9	—	60.6	70.6	56.5	53.2
September 1995	67.2	61.0	58.3	W	—	61.7	76.7	—	66.8	68.5	61.0	59.0
October 1994	77.4	W	55.0	W	—	56.0	84.2	—	62.6	78.3	W	55.5
Kansas												
October 1995	62.5	53.6	50.9	69.9	—	57.6	77.5	W	57.7	64.8	53.8	51.7
September 1995	68.3	56.5	57.0	77.7	—	63.9	83.9	63.1	65.2	70.7	57.3	57.8
October 1994	65.4	53.0	53.2	74.3	W	61.5	80.7	W	60.4	67.7	53.9	54.1
Kentucky												
October 1995	69.4	W	52.1	80.1	W	58.1	85.5	74.3	62.1	74.1	61.5	54.8
September 1995	73.4	W	58.0	84.2	W	64.2	90.2	79.9	68.1	78.1	W	60.7
October 1994	69.8	58.4	54.6	81.2	W	60.0	87.2	70.2	65.2	75.1	61.2	57.6
Michigan												
October 1995	64.6	59.5	53.2	73.6	W	60.8	80.1	70.2	64.5	67.8	61.3	55.7
September 1995	68.9	61.8	58.5	77.5	W	64.5	84.4	69.5	69.7	72.0	63.1	60.8
October 1994	67.0	58.3	55.0	75.5	57.2	61.8	81.4	69.4	66.4	70.1	61.0	57.5
Minnesota												
October 1995	71.8	60.1	55.2	79.3	W	63.1	87.6	—	65.1	74.3	60.4	56.6
September 1995	75.8	59.2	61.0	84.1	W	68.6	89.8	—	69.6	78.1	59.3	62.1
October 1994	77.7	59.6	57.5	84.4	W	67.7	93.1	65.4	66.6	79.9	60.1	58.8
Missouri												
October 1995	61.4	54.1	51.3	71.0	W	57.9	80.7	W	60.3	65.5	55.1	53.1
September 1995	67.8	58.7	57.4	78.1	—	63.8	87.1	70.6	66.6	71.8	59.5	59.2
October 1994	65.8	53.3	53.8	77.0	W	63.0	85.7	W	63.8	69.8	55.1	55.8

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												
October 1995	65.9	52.8	52.9	70.6	—	W	78.9	—	60.8	67.4	52.8	53.5
September 1995	70.3	59.3	58.5	78.4	—	62.5	83.5	—	67.4	71.9	59.3	59.2
October 1994	69.2	53.7	55.4	W	—	W	83.2	—	64.4	70.9	53.7	55.9
North Dakota												
October 1995	74.2	W	54.9	W	—	W	W	—	66.3	75.7	W	56.0
September 1995	79.3	W	61.3	W	—	W	W	—	73.0	80.7	W	62.2
October 1994	77.8	W	57.1	W	—	W	93.5	—	68.1	80.1	W	58.0
Ohio												
October 1995	65.8	60.3	53.0	75.4	W	60.5	82.8	72.6	65.3	70.0	62.5	55.9
September 1995	71.5	63.8	59.2	81.4	W	66.6	89.0	76.4	71.5	75.8	66.2	62.0
October 1994	69.1	60.8	56.3	78.7	W	64.6	84.8	72.6	68.9	73.3	63.0	59.2
Oklahoma												
October 1995	60.8	49.7	49.4	69.1	53.5	53.9	76.9	59.5	56.7	64.6	50.7	50.3
September 1995	64.8	57.9	55.4	73.2	59.9	61.1	80.7	64.6	63.1	68.5	59.0	56.3
October 1994	62.7	51.9	51.5	71.0	57.0	56.0	79.3	58.7	57.7	66.4	53.4	52.3
South Dakota												
October 1995	W	W	55.0	W	—	W	86.4	—	65.4	77.7	W	55.8
September 1995	W	W	61.0	W	—	W	88.1	—	72.6	79.3	W	61.8
October 1994	79.7	W	57.0	W	—	W	92.8	—	67.2	80.3	W	57.7
Tennessee												
October 1995	65.2	53.6	50.3	75.5	54.1	56.0	84.4	58.9	61.2	71.5	54.7	53.7
September 1995	67.0	56.6	55.3	79.2	59.9	60.9	86.3	64.2	66.0	73.6	58.0	58.7
October 1994	69.1	54.1	53.7	81.0	54.8	59.6	89.1	60.2	64.8	76.0	55.5	57.2
Wisconsin												
October 1995	72.4	52.9	53.0	80.9	W	59.4	87.0	W	63.2	75.1	53.7	54.9
September 1995	75.6	60.1	58.9	83.9	W	65.1	90.7	W	68.9	78.4	60.3	60.7
October 1994	71.3	54.6	54.9	81.0	W	62.2	85.3	66.2	64.9	74.3	56.2	56.6
PAD District III												
October 1995	66.7	51.1	50.2	77.6	52.5	56.5	85.0	59.6	60.1	72.5	52.8	52.4
September 1995	69.1	55.2	54.6	80.0	57.1	61.3	87.7	63.6	63.7	74.9	56.9	56.7
October 1994	71.6	52.4	52.3	82.6	53.4	59.4	90.3	60.8	62.7	77.7	54.0	54.8
Alabama												
October 1995	65.8	50.8	50.0	75.7	W	55.4	83.0	59.0	60.8	71.9	53.1	53.3
September 1995	67.8	54.8	54.9	78.1	W	60.5	85.1	63.1	65.9	73.9	57.0	58.1
October 1994	68.9	49.7	53.2	79.3	53.5	58.5	87.4	59.6	64.4	74.9	53.1	56.5
Arkansas												
October 1995	64.0	52.4	49.8	74.0	—	54.2	83.1	W	59.7	68.4	53.6	51.9
September 1995	67.3	56.6	55.0	78.0	—	59.6	86.7	W	64.6	71.8	57.7	57.1
October 1994	70.4	51.8	52.2	82.0	W	57.5	90.5	W	62.1	75.3	52.5	54.5
Louisiana												
October 1995	67.5	51.9	49.9	79.0	W	57.1	86.4	W	60.7	74.6	53.4	53.0
September 1995	69.5	54.7	53.7	80.6	W	61.5	87.9	W	63.1	76.4	W	56.7
October 1994	71.2	50.0	51.8	83.1	W	59.9	90.1	58.1	62.6	78.4	52.1	55.0
Mississippi												
October 1995	65.2	50.1	49.4	76.0	52.9	54.6	85.1	57.6	59.5	70.4	51.7	51.9
September 1995	68.0	54.1	53.5	78.9	57.2	59.4	87.5	62.5	64.0	73.1	55.8	55.9
October 1994	71.4	50.0	51.4	81.7	52.8	57.6	90.1	58.5	58.4	76.5	52.0	53.9
New Mexico												
October 1995	75.7	63.0	58.6	85.1	W	64.3	93.8	W	68.6	78.8	64.8	60.4
September 1995	77.2	66.5	64.9	84.2	—	69.5	94.9	W	74.7	79.9	67.1	66.4
October 1994	82.5	64.5	59.9	89.3	—	67.7	100.5	73.9	70.3	85.1	66.2	61.4
Texas												
October 1995	65.9	50.4	50.0	77.5	51.5	56.8	84.6	59.8	59.4	72.1	52.1	51.9
September 1995	68.5	54.8	54.3	80.0	56.5	61.5	87.5	63.9	62.8	74.6	56.6	56.0
October 1994	71.0	52.4	51.8	82.7	53.7	59.8	90.2	60.9	63.0	77.5	53.8	54.2
PAD District IV												
October 1995	73.2	66.5	63.7	86.0	70.6	69.5	94.0	75.8	73.9	79.7	68.8	66.1
September 1995	74.4	66.6	66.0	87.4	70.0	71.0	95.5	76.1	75.4	80.9	70.3	68.2
October 1994	79.8	66.6	63.9	90.8	W	69.8	99.6	76.9	74.1	85.1	68.8	65.9
Colorado												
October 1995	72.5	W	58.4	86.3	—	64.9	94.4	67.0	67.8	79.1	64.2	60.6
September 1995	73.9	W	63.1	88.2	—	68.7	96.1	W	71.6	80.6	71.4	65.1
October 1994	80.0	W	59.2	92.0	—	67.2	102.2	W	69.0	85.5	W	61.3

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	
Idaho												
October 1995	NA	65.4	66.9	NA	W	71.0	NA	W	76.6	NA	W	69.0
September 1995	75.8	65.3	67.0	81.0	W	70.9	87.6	W	76.6	78.3	66.9	69.0
October 1994	W	73.5	70.2	W	W	73.3	W	W	79.6	W	73.8	71.8
Montana												
October 1995	W	W	67.6	W	—	73.3	W	W	78.0	W	W	69.7
September 1995	W	W	68.7	W	—	73.2	W	W	78.4	W	W	70.7
October 1994	W	W	64.7	W	—	—	W	W	74.4	W	W	66.3
Utah												
October 1995	75.1	66.8	67.6	85.1	71.7	73.0	93.4	76.3	77.5	81.8	69.2	70.5
September 1995	75.2	67.0	67.2	85.1	71.2	72.9	93.9	76.0	77.1	81.9	70.6	70.1
October 1994	76.8	68.6	67.7	85.5	W	73.5	92.9	76.6	77.7	82.6	70.8	70.4
Wyoming												
October 1995	79.0	68.4	63.2	90.7	—	65.9	95.8	W	73.0	83.1	70.9	65.0
September 1995	79.8	W	68.2	90.3	—	72.3	96.7	W	77.7	83.9	W	70.1
October 1994	85.0	61.6	62.0	W	—	W	99.9	80.9	71.6	87.9	65.4	63.5
PAD District V												
October 1995	76.6	66.7	65.9	79.8	69.9	71.9	93.7	78.2	80.4	80.2	68.9	69.5
September 1995	75.3	64.8	64.7	77.0	67.8	69.8	91.9	75.9	78.5	78.5	67.0	68.1
October 1994	80.3	67.6	68.3	91.4	75.1	78.2	98.9	81.4	85.0	84.9	70.4	72.3
Alaska												
October 1995	107.8	W	76.1	W	—	94.3	119.7	W	91.1	108.9	W	78.9
September 1995	108.6	W	79.4	W	—	91.0	119.0	W	90.5	109.5	W	80.8
October 1994	106.9	W	76.2	W	—	W	113.4	W	87.5	107.9	W	77.8
Arizona												
October 1995	80.8	67.1	67.4	90.4	W	74.2	97.0	81.8	83.0	84.8	69.0	70.7
September 1995	81.9	66.1	67.9	89.9	W	74.1	97.5	W	82.3	85.4	67.0	71.0
October 1994	82.3	67.5	68.0	90.8	—	W	99.0	W	82.3	85.9	68.9	70.4
California												
October 1995	71.7	62.0	64.3	77.6	68.3	70.6	90.0	74.6	78.9	76.5	65.1	68.3
September 1995	69.4	59.8	62.5	74.9	66.8	68.5	87.6	70.6	76.5	74.1	62.7	66.4
October 1994	77.6	66.0	67.9	91.0	77.9	77.9	97.4	84.3	85.1	83.2	69.7	72.5
Hawaii												
October 1995	104.1	W	92.3	108.1	W	99.3	118.0	W	105.9	108.4	W	97.7
September 1995	103.6	W	91.5	107.7	W	99.4	118.8	W	105.5	108.2	W	97.2
October 1994	103.7	W	90.6	107.6	W	98.9	118.8	W	103.4	108.3	W	96.0
Nevada												
October 1995	69.1	72.6	65.8	73.1	W	72.6	86.5	—	78.4	73.0	72.7	68.8
September 1995	67.4	69.6	63.1	W	W	69.1	83.3	—	75.8	70.8	69.9	66.1
October 1994	77.7	72.7	68.5	89.6	W	76.6	95.2	W	82.3	81.1	72.9	71.3
Oregon												
October 1995	84.2	64.3	66.6	94.0	W	76.2	103.1	W	79.2	87.5	64.8	68.9
September 1995	84.1	65.3	67.1	93.1	—	77.0	102.7	W	81.8	87.3	65.7	69.5
October 1994	83.9	61.4	65.2	W	—	W	101.8	W	78.9	87.0	62.3	67.3
Washington												
October 1995	81.6	64.5	69.2	89.7	W	76.3	100.5	W	83.2	85.0	65.8	72.0
September 1995	81.8	63.5	68.4	89.1	W	75.9	100.1	—	83.1	85.0	63.9	71.2
October 1994	82.5	64.8	69.3	93.2	—	W	100.3	W	84.4	85.5	66.7	72.0

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						
October 1995	96.8	95.8	54.9	54.1	56.5	57.0
September 1995	101.3	98.7	55.7	55.2	57.3	58.0
October 1994	100.0	95.4	55.0	54.4	61.5	59.1
PAD District I						
October 1995	102.8	94.6	53.5	54.3	66.8	56.1
September 1995	104.2	97.5	54.5	55.5	63.8	57.2
October 1994	101.1	93.2	53.4	54.5	65.4	58.0
Subdistrict IA						
October 1995	W	100.4	56.5	58.4	63.1	57.6
September 1995	W	W	57.8	59.0	64.7	58.3
October 1994	W	W	56.3	59.2	65.4	58.0
Connecticut						
October 1995	W	102.3	56.3	57.4	W	W
September 1995	W	W	57.5	59.1	W	W
October 1994	W	W	W	56.8	W	60.1
Maine						
October 1995	W	-	W	63.5	W	57.8
September 1995	W	W	W	64.9	W	58.3
October 1994	W	-	W	64.3	W	58.6
Massachusetts						
October 1995	W	W	55.5	56.6	62.1	56.2
September 1995	W	W	56.8	57.9	62.5	57.2
October 1994	W	W	55.6	57.0	60.1	55.6
New Hampshire						
October 1995	W	W	W	69.4	W	W
September 1995	W	W	W	69.2	W	W
October 1994	W	W	W	W	W	59.7
Rhode Island						
October 1995	W	W	57.4	60.6	-	-
September 1995	W	W	59.3	61.8	-	-
October 1994	W	W	57.2	61.4	-	W
Vermont						
October 1995	W	W	65.2	66.6	-	W
September 1995	W	W	65.5	W	-	W
October 1994	W	W	63.4	67.9	-	60.8
Subdistrict IB						
October 1995	104.9	96.1	53.3	54.0	66.1	56.2
September 1995	106.1	100.4	54.3	55.2	63.4	57.3
October 1994	103.9	92.3	52.7	53.8	63.2	57.7
Delaware						
October 1995	W	W	66.6	W	W	W
September 1995	W	W	W	W	-	-
October 1994	W	W	65.2	W	W	W
District of Columbia						
October 1995	-	-	-	-	-	-
September 1995	W	-	-	-	-	-
October 1994	-	-	-	-	-	-
Maryland						
October 1995	W	W	53.3	53.4	52.6	55.2
September 1995	W	W	54.0	55.6	58.8	57.2
October 1994	W	W	53.0	W	NA	58.2
New Jersey						
October 1995	104.0	97.9	53.1	53.5	59.5	54.1
September 1995	W	101.5	53.9	54.6	W	55.0
October 1994	W	92.1	52.3	53.4	W	56.8
New York						
October 1995	W	95.6	55.1	56.9	67.5	57.3
September 1995	W	W	56.4	57.8	W	58.7
October 1994	W	92.3	55.6	58.3	70.8	59.6
Pennsylvania						
October 1995	104.0	94.1	52.7	53.1	80.1	57.4
September 1995	103.9	104.2	54.1	54.8	80.0	59.0
October 1994	W	93.2	53.1	53.1	78.3	56.9

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Subdistrict IC						
October 1995	100.5	93.1	53.1	54.2	72.8	55.6
September 1995	101.7	94.8	54.3	55.5	67.3	56.8
October 1994	98.3	93.2	53.4	54.8	79.3	58.3
Florida						
October 1995	98.0	93.2	53.6	57.3	NA	56.6
September 1995	99.0	95.2	55.1	58.6	NA	58.1
October 1994	94.8	91.4	53.8	57.5	W	57.9
Georgia						
October 1995	98.3	91.6	51.9	51.9	NA	55.5
September 1995	100.4	93.5	52.7	53.5	NA	56.5
October 1994	99.0	93.3	52.8	51.7	NA	58.3
North Carolina						
October 1995	W	94.6	53.2	54.5	W	55.1
September 1995	104.4	95.3	54.5	55.7	W	56.3
October 1994	103.3	W	53.4	58.0	NA	57.9
South Carolina						
October 1995	W	94.1	58.0	61.4	78.1	55.2
September 1995	102.2	95.0	59.3	62.3	70.5	56.7
October 1994	W	W	57.8	64.9	NA	58.4
Virginia						
October 1995	W	91.4	53.2	56.1	62.4	55.9
September 1995	W	W	54.4	57.6	W	57.0
October 1994	W	93.5	52.9	55.1	79.1	58.6
West Virginia						
October 1995	W	97.8	W	W	72.0	60.9
September 1995	W	99.5	W	W	73.6	64.3
October 1994	W	W	W	W	80.3	64.3
PAD District II						
October 1995	84.7	93.3	53.8	55.6	NA	58.3
September 1995	89.6	95.7	55.3	57.1	W	59.7
October 1994	95.2	96.8	54.1	56.7	63.1	62.5
Illinois						
October 1995	W	W	52.5	53.5	88.9	53.7
September 1995	W	W	53.9	56.8	NA	58.9
October 1994	W	W	52.4	56.0	78.7	61.1
Indiana						
October 1995	W	95.0	52.5	54.1	W	59.0
September 1995	W	97.9	53.7	54.3	W	NA
October 1994	98.4	96.9	52.7	55.4	100.5	61.2
Iowa						
October 1995	W	W	54.9	62.0	—	64.0
September 1995	W	W	59.0	63.3	—	67.8
October 1994	W	98.2	58.1	63.0	—	72.3
Kansas						
October 1995	W	90.8	57.4	W	—	69.9
September 1995	W	93.0	W	W	—	72.2
October 1994	W	94.9	W	W	—	70.1
Kentucky						
October 1995	102.8	94.7	57.3	53.8	W	60.9
September 1995	102.5	97.1	58.2	55.4	W	61.8
October 1994	100.1	W	57.5	54.3	W	63.6
Michigan						
October 1995	W	W	52.5	55.2	NA	60.2
September 1995	W	W	55.8	57.0	NA	62.5
October 1994	W	W	54.1	55.4	NA	63.5
Minnesota						
October 1995	W	W	55.1	56.6	W	64.5
September 1995	W	W	55.9	58.4	W	67.0
October 1994	W	97.6	56.3	56.8	W	65.4
Missouri						
October 1995	92.1	93.2	54.5	60.1	—	61.5
September 1995	93.0	95.4	56.3	61.1	—	63.2
October 1994	W	97.2	54.2	61.2	W	63.2

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						
October 1995	W	91.5	55.0	61.4	—	W
September 1995	W	94.2	56.6	62.6	—	70.7
October 1994	W	W	54.8	64.4	—	72.1
North Dakota						
October 1995	W	W	61.8	67.1	—	66.2
September 1995	W	W	62.9	66.5	—	W
October 1994	W	W	62.2	67.0	W	W
Ohio						
October 1995	W	91.6	54.8	56.0	81.6	60.0
September 1995	W	93.8	55.9	56.2	73.2	60.6
October 1994	W	96.0	55.4	57.6	80.0	63.3
Oklahoma						
October 1995	W	90.7	55.6	54.6	W	W
September 1995	W	91.7	58.1	55.9	—	66.8
October 1994	W	93.9	53.8	55.4	W	63.9
South Dakota						
October 1995	W	W	63.0	W	—	66.4
September 1995	W	W	63.5	W	—	69.2
October 1994	W	W	63.1	W	—	74.6
Tennessee						
October 1995	99.4	91.1	52.9	58.0	73.7	56.4
September 1995	100.4	94.5	54.4	58.6	NA	57.3
October 1994	98.9	94.6	52.9	58.6	73.4	60.1
Wisconsin						
October 1995	W	W	54.3	57.6	W	62.0
September 1995	W	W	56.1	58.2	W	62.9
October 1994	W	99.5	55.5	56.2	W	67.5
PAD District III						
October 1995	95.8	86.3	51.1	51.4	W	52.6
September 1995	95.8	89.1	52.5	52.8	W	53.6
October 1994	95.7	86.1	51.3	51.5	W	53.8
Alabama						
October 1995	100.0	93.2	55.8	57.8	W	57.9
September 1995	98.5	96.0	57.1	58.9	W	59.3
October 1994	97.2	92.9	55.5	59.1	W	61.3
Arkansas						
October 1995	W	91.5	58.1	59.4	—	W
September 1995	W	94.2	59.5	60.2	—	54.1
October 1994	W	W	57.4	59.8	—	47.7
Louisiana						
October 1995	W	90.9	50.7	50.8	W	51.1
September 1995	W	NA	52.9	52.3	W	52.0
October 1994	W	93.2	50.8	50.9	W	51.6
Mississippi						
October 1995	W	89.7	50.8	50.0	W	W
September 1995	W	88.6	51.1	52.6	W	W
October 1994	W	87.0	50.7	W	W	W
New Mexico						
October 1995	W	W	55.0	NA	—	W
September 1995	W	W	56.5	55.8	—	86.5
October 1994	W	W	56.2	56.3	—	W
Texas						
October 1995	94.4	83.2	51.0	51.7	W	56.6
September 1995	93.4	86.1	52.2	52.8	W	58.7
October 1994	95.8	83.7	51.3	51.6	W	58.8
PAD District IV						
October 1995	102.3	97.8	64.9	67.8	W	74.2
September 1995	102.7	98.9	63.9	65.4	—	73.1
October 1994	106.9	99.5	61.4	64.9	W	74.4
Colorado						
October 1995	97.7	95.4	55.6	59.5	—	70.3
September 1995	98.1	98.8	56.6	60.4	—	71.6
October 1994	99.7	100.2	54.8	58.8	—	72.3

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						
October 1995	W	W	77.3	68.4	—	W
September 1995	W	W	W	70.6	—	W
October 1994	W	W	74.8	79.7	—	W
Montana						
October 1995	W	W	74.1	74.6	—	78.8
September 1995	W	W	72.9	73.0	—	73.4
October 1994	W	W	71.9	W	—	76.6
Utah						
October 1995	W	96.8	73.6	77.9	—	W
September 1995	W	96.7	70.2	74.6	—	W
October 1994	W	97.0	69.5	74.9	—	W
Wyoming						
October 1995	W	W	74.6	W	W	W
September 1995	W	W	76.0	W	—	W
October 1994	W	W	75.8	W	W	75.7
PAD District V						
October 1995	111.3	104.3	58.7	59.3	W	71.4
September 1995	120.6	105.9	58.0	58.7	W	68.6
October 1994	107.6	101.3	58.8	58.7	—	71.1
Alaska						
October 1995	W	121.9	62.4	61.2	—	W
September 1995	W	117.2	62.1	60.2	—	W
October 1994	W	115.5	63.7	64.8	—	—
Arizona						
October 1995	W	100.3	60.1	63.4	W	W
September 1995	102.2	100.6	59.8	62.3	—	—
October 1994	W	96.6	60.5	62.7	—	W
California						
October 1995	107.3	99.8	57.3	58.8	W	64.0
September 1995	107.3	100.1	56.7	57.6	W	63.4
October 1994	106.0	98.3	57.5	58.0	—	66.7
Hawaii						
October 1995	W	W	61.9	W	—	—
September 1995	W	W	61.3	58.8	—	—
October 1994	W	W	61.0	W	—	—
Nevada						
October 1995	W	104.9	60.4	61.3	—	W
September 1995	W	105.1	60.0	61.2	—	W
October 1994	W	102.1	60.4	61.6	—	—
Oregon						
October 1995	—	W	59.8	63.1	—	75.0
September 1995	W	W	58.8	62.3	—	72.7
October 1994	W	96.8	59.7	66.6	—	75.8
Washington						
October 1995	W	W	59.4	61.4	—	74.7
September 1995	W	W	57.5	60.7	—	69.1
October 1994	W	W	57.4	57.4	—	72.9

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						
October 1995	62.7	64.1	56.2	53.6	48.9	46.1
September 1995	64.5	68.3	57.3	54.8	49.9	43.5
October 1994	65.5	64.1	56.8	54.0	49.0	43.1
PAD District I						
October 1995	63.9	59.1	54.2	51.2	49.0	46.9
September 1995	66.3	58.3	55.8	52.7	49.9	43.9
October 1994	63.3	55.6	55.3	51.2	48.0	43.4
Subdistrict IA						
October 1995	W	62.8	57.2	51.6	W	W
September 1995	W	W	57.9	52.4	W	W
October 1994	61.4	60.3	58.7	50.8	W	W
Connecticut						
October 1995	W	W	54.2	51.3	W	W
September 1995	—	W	55.7	51.7	W	W
October 1994	W	W	55.0	50.5	W	W
Maine						
October 1995	—	61.7	52.6	51.3	—	—
September 1995	—	W	54.1	53.1	—	—
October 1994	—	59.8	53.8	51.6	W	—
Massachusetts						
October 1995	—	—	58.8	52.2	W	W
September 1995	—	—	59.0	52.6	W	W
October 1994	NA	W	60.8	51.1	W	W
New Hampshire						
October 1995	W	—	60.7	53.0	W	—
September 1995	W	—	60.1	53.8	—	—
October 1994	W	—	59.0	52.5	W	—
Rhode Island						
October 1995	W	W	59.6	51.2	W	—
September 1995	—	W	61.5	52.6	—	—
October 1994	—	W	64.7	49.4	W	—
Vermont						
October 1995	—	W	55.3	54.1	W	—
September 1995	—	W	56.3	54.3	W	—
October 1994	—	W	57.4	53.2	W	—
Subdistrict IB						
October 1995	61.1	58.9	55.8	51.2	W	47.4
September 1995	62.9	57.2	57.1	52.7	W	47.0
October 1994	63.7	W	56.5	50.8	48.1	44.2
Delaware						
October 1995	—	—	54.6	W	W	—
September 1995	—	—	57.2	W	W	—
October 1994	—	—	55.6	W	W	—
District of Columbia						
October 1995	—	—	50.0	51.1	W	—
September 1995	—	—	W	52.4	—	—
October 1994	—	—	W	51.3	W	—
Maryland						
October 1995	W	W	51.3	51.7	W	W
September 1995	W	W	53.8	53.2	W	W
October 1994	W	W	51.5	51.8	W	W
New Jersey						
October 1995	W	—	54.0	50.4	50.9	47.1
September 1995	—	—	55.3	51.7	48.3	46.4
October 1994	—	W	53.9	49.8	47.8	45.0
New York						
October 1995	W	59.2	58.5	52.6	W	47.5
September 1995	W	53.9	59.4	54.3	W	47.4
October 1994	W	W	58.6	51.7	W	W
Pennsylvania						
October 1995	W	59.0	57.4	51.2	W	—
September 1995	W	60.3	58.0	52.9	W	—
October 1994	W	61.0	59.0	51.4	W	—

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						
October 1995	W	58.0	53.1	51.1	W	W
September 1995	W	W	54.9	52.9	W	W
October 1994	71.7	58.5	54.4	51.9	W	W
Florida						
October 1995	—	—	53.0	51.5	W	—
September 1995	—	—	55.1	53.2	W	—
October 1994	—	—	54.9	52.2	W	—
Georgia						
October 1995	—	—	53.1	50.9	—	—
September 1995	—	W	54.8	52.6	W	—
October 1994	—	—	54.3	51.5	—	—
North Carolina						
October 1995	—	W	52.0	50.8	W	—
September 1995	—	—	53.8	52.7	W	—
October 1994	—	—	53.0	51.7	W	—
South Carolina						
October 1995	—	—	54.7	51.0	W	—
September 1995	—	—	56.5	52.9	W	—
October 1994	—	—	55.1	51.9	W	—
Virginia						
October 1995	—	W	51.9	51.0	W	W
September 1995	—	—	53.7	52.8	W	W
October 1994	W	W	52.1	51.6	W	W
West Virginia						
October 1995	W	W	55.9	52.7	W	—
September 1995	W	W	56.8	54.3	W	—
October 1994	W	W	57.0	53.6	W	—
PAD District II						
October 1995	57.1	60.3	54.6	53.3	W	NA
September 1995	60.2	62.3	56.7	55.5	W	W
October 1994	60.3	61.4	55.4	54.6	W	—
Illinois						
October 1995	W	55.6	53.6	50.8	—	—
September 1995	W	58.6	55.0	52.7	—	—
October 1994	W	57.2	53.8	52.6	W	—
Indiana						
October 1995	W	57.7	53.7	51.6	W	NA
September 1995	64.4	58.5	55.9	53.6	W	W
October 1994	W	58.8	54.6	53.5	W	—
Iowa						
October 1995	61.4	61.2	55.6	55.9	—	—
September 1995	63.8	62.1	57.2	58.1	—	—
October 1994	W	63.6	56.8	57.3	—	—
Kansas						
October 1995	60.7	57.9	55.0	54.5	—	—
September 1995	63.1	60.1	57.3	56.6	—	—
October 1994	60.5	61.3	55.7	55.8	—	—
Kentucky						
October 1995	W	W	55.0	52.0	W	—
September 1995	W	W	56.6	53.9	W	—
October 1994	W	58.7	56.3	53.1	W	—
Michigan						
October 1995	W	58.4	53.5	52.7	—	—
September 1995	W	60.2	55.0	54.7	—	—
October 1994	W	57.8	54.9	54.0	W	—
Minnesota						
October 1995	60.9	62.3	55.9	57.1	W	—
September 1995	W	64.1	58.0	59.5	W	—
October 1994	W	64.6	55.5	58.5	W	—
Missouri						
October 1995	W	60.4	54.4	53.1	—	—
September 1995	W	62.7	56.8	55.5	—	—
October 1994	W	63.1	55.8	54.8	—	—

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						
October 1995	61.7	61.6	57.3	56.7	—	—
September 1995	W	62.6	59.0	58.9	—	—
October 1994	W	64.0	57.2	57.7	—	—
North Dakota						
October 1995	W	64.3	W	59.3	—	—
September 1995	W	66.6	W	61.8	—	—
October 1994	W	66.5	W	59.6	—	—
Ohio						
October 1995	75.5	57.7	56.8	52.9	W	—
September 1995	W	59.7	58.6	55.7	W	—
October 1994	W	60.3	58.3	55.1	W	—
Oklahoma						
October 1995	62.9	55.4	52.6	52.8	—	—
September 1995	—	57.2	56.4	55.7	—	—
October 1994	W	56.6	52.2	53.4	—	—
South Dakota						
October 1995	W	64.8	W	58.8	—	—
September 1995	W	65.9	W	60.6	—	—
October 1994	W	67.2	W	59.4	—	—
Tennessee						
October 1995	—	W	53.4	50.6	W	—
September 1995	—	W	54.4	52.4	W	—
October 1994	—	W	53.4	51.2	W	—
Wisconsin						
October 1995	W	59.2	53.9	52.7	W	—
September 1995	W	60.0	56.4	54.8	—	—
October 1994	59.5	61.3	55.0	54.3	W	—
PAD District III						
October 1995	W	57.5	53.4	49.8	W	W
September 1995	—	60.1	54.7	51.3	W	W
October 1994	W	59.0	53.9	49.9	W	W
Alabama						
October 1995	—	—	52.3	50.1	—	—
September 1995	—	—	53.9	52.0	—	—
October 1994	—	W	53.2	51.5	—	—
Arkansas						
October 1995	—	—	54.8	51.0	—	—
September 1995	—	—	56.3	52.3	—	—
October 1994	—	W	54.3	51.7	—	—
Louisiana						
October 1995	—	—	51.2	48.2	—	—
September 1995	—	—	52.2	49.6	—	W
October 1994	—	W	50.4	48.5	—	—
Mississippi						
October 1995	—	—	51.7	49.6	W	W
September 1995	—	—	53.5	51.1	W	W
October 1994	—	—	52.8	49.9	W	W
New Mexico						
October 1995	—	74.7	64.8	61.1	—	—
September 1995	—	73.7	64.5	62.8	—	—
October 1994	W	70.9	67.2	60.7	—	—
Texas						
October 1995	W	55.5	53.4	49.7	—	—
September 1995	—	59.4	55.0	51.2	—	—
October 1994	W	57.4	54.7	49.4	—	—
PAD District IV						
October 1995	73.5	76.2	67.5	68.3	W	—
September 1995	78.8	74.6	65.3	66.7	W	—
October 1994	78.0	74.7	66.3	66.5	—	—
Colorado						
October 1995	W	68.5	62.5	61.3	—	—
September 1995	—	67.9	60.4	61.4	—	—
October 1994	W	70.6	62.9	62.7	—	—

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						
October 1995	W	84.5	72.6	75.7	—	—
September 1995	W	80.7	68.8	72.6	—	—
October 1994	W	78.7	W	70.1	—	—
Montana						
October 1995	77.3	79.1	63.1	69.1	—	—
September 1995	W	75.5	61.7	66.4	—	—
October 1994	W	74.7	61.3	64.1	—	—
Utah						
October 1995	W	82.2	73.0	73.4	W	—
September 1995	W	80.7	71.0	71.3	W	—
October 1994	82.9	82.0	71.5	72.4	—	—
Wyoming						
October 1995	77.1	76.4	69.1	66.3	—	—
September 1995	78.2	73.5	67.1	65.0	—	—
October 1994	74.3	75.7	65.6	65.7	—	—
PAD District V						
October 1995	83.0	68.9	65.0	62.6	W	44.7
September 1995	81.0	NA	61.9	61.1	W	44.3
October 1994	76.8	71.1	64.9	62.4	—	W
Alaska						
October 1995	83.3	67.4	72.2	59.2	W	W
September 1995	81.5	NA	70.4	56.9	W	W
October 1994	76.1	70.0	80.8	59.5	—	W
Arizona						
October 1995	W	W	66.9	63.1	—	—
September 1995	—	W	62.9	57.4	—	—
October 1994	—	74.5	65.7	63.1	—	—
California						
October 1995	—	W	65.1	62.6	—	W
September 1995	—	W	62.0	62.3	—	W
October 1994	—	W	66.2	62.7	—	W
Hawaii						
October 1995	—	W	W	73.0	—	—
September 1995	—	W	W	74.2	—	—
October 1994	—	—	W	74.4	—	—
Nevada						
October 1995	W	74.0	67.9	65.2	—	—
September 1995	W	W	65.2	62.6	—	—
October 1994	W	78.9	68.3	65.1	—	—
Oregon						
October 1995	W	78.7	63.2	62.8	—	—
September 1995	W	69.9	59.8	60.8	—	—
October 1994	W	75.3	61.4	61.6	—	—
Washington						
October 1995	82.9	76.3	61.1	61.7	—	W
September 1995	W	71.7	59.1	58.8	—	W
October 1994	86.2	74.8	62.0	60.8	—	—

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*.

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

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

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								
October 1995	83.5	75.3	63.5	74.9	32.5	60.2	72.1	35.0
September 1995	80.9	76.0	61.2	74.4	32.2	62.2	71.1	34.6
October 1994	83.9	76.4	62.6	74.4	33.3	55.9	71.1	34.2
PAD District I								
October 1995	107.1	82.8	63.4	72.1	W	70.4	92.0	39.9
September 1995	106.4	82.3	62.0	71.3	W	67.3	89.4	39.7
October 1994	106.1	82.0	62.4	72.4	W	68.5	91.1	39.7
Subdistrict IA								
October 1995	115.9	85.9	NA	70.0	-	97.3	98.9	46.6
September 1995	117.2	86.7	NA	NA	-	NA	99.2	46.6
October 1994	116.2	86.0	NA	71.6	-	NA	NA	43.9
Subdistrict IB								
October 1995	115.8	86.1	NA	72.7	-	81.4	97.9	39.6
September 1995	115.4	87.4	NA	70.4	-	85.8	98.2	38.6
October 1994	116.4	87.8	60.4	77.1	-	73.0	97.5	39.2
Subdistrict IC								
October 1995	99.2	79.6	67.2	W	W	63.8	86.4	39.1
September 1995	97.0	78.4	67.4	W	W	62.2	81.9	39.4
October 1994	97.3	77.3	67.7	69.1	W	65.6	85.2	39.6
PAD District II								
October 1995	69.4	63.0	70.2	78.3	W	55.1	63.8	35.9
September 1995	68.5	63.6	71.4	78.0	W	55.9	65.1	35.5
October 1994	69.0	63.8	69.8	77.6	W	52.4	61.2	33.6
PAD District III								
October 1995	83.8	73.1	55.8	71.4	32.4	64.8	61.2	32.4
September 1995	81.9	73.1	51.2	70.3	32.1	65.4	57.8	32.0
October 1994	83.2	73.5	52.1	68.4	33.1	63.0	65.5	32.4
PAD District IV								
October 1995	73.1	68.5	48.0	68.2	-	70.9	69.1	35.5
September 1995	68.4	66.8	44.2	66.0	-	69.2	65.6	32.8
October 1994	74.7	70.7	49.5	67.0	-	66.3	69.9	31.7
PAD District V								
October 1995	95.9	85.2	63.7	W	-	103.2	88.5	43.0
September 1995	93.3	85.7	59.1	W	-	101.4	85.6	40.4
October 1994	96.1	87.2	66.8	77.9	-	96.0	88.8	39.0

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							
October 1995	84.1	59.5	65.1	67.6	68.7	66.4	54.1
September 1995	82.3	60.0	65.2	68.0	69.1	66.2	55.2
October 1994	84.7	59.8	66.0	68.2	69.1	67.6	54.3
PAD District I							
October 1995	84.7	58.6	62.0	65.9	62.1	67.2	51.7
September 1995	82.7	59.4	62.7	66.4	64.6	66.8	53.1
October 1994	85.2	59.9	63.6	67.6	63.7	70.2	51.9
Subdistrict IA							
October 1995	80.8	63.3	65.9	73.4	63.6	72.8	51.5
September 1995	79.6	63.5	67.4	73.6	64.3	72.0	52.3
October 1994	81.8	65.5	67.3	72.5	64.7	74.9	51.5
Connecticut							
October 1995	82.3	64.6	59.0	77.0	71.5	74.4	50.1
September 1995	79.2	63.8	59.0	77.0	70.9	72.3	50.3
October 1994	83.7	64.7	60.3	77.7	70.3	76.3	50.7
Maine							
October 1995	75.8	65.4	64.3	72.9	64.4	70.5	52.8
September 1995	76.2	66.4	64.9	73.1	65.7	71.0	55.1
October 1994	77.5	67.0	65.4	71.2	64.8	71.9	53.4
Massachusetts							
October 1995	82.2	61.2	70.3	75.3	57.4	72.5	52.3
September 1995	81.8	61.7	75.4	75.9	59.1	72.0	52.8
October 1994	83.0	63.6	74.0	71.6	57.8	74.6	51.5
New Hampshire							
October 1995	73.9	62.4	60.7	71.4	67.2	70.1	50.9
September 1995	73.8	62.2	NA	71.6	65.2	69.5	52.4
October 1994	74.0	66.3	64.4	72.2	65.5	71.3	52.1
Rhode Island							
October 1995	85.6	63.5	63.9	67.5	60.0	76.2	51.4
September 1995	84.5	65.8	NA	68.5	58.1	73.7	52.6
October 1994	84.4	73.3	64.4	69.2	71.0	79.5	50.6
Vermont							
October 1995	82.5	65.9	67.7	73.6	75.0	75.7	57.7
September 1995	82.5	68.1	66.9	73.2	77.2	76.5	58.4
October 1994	83.9	69.2	71.4	75.9	76.1	78.7	57.5
Subdistrict IB							
October 1995	87.5	59.2	66.0	67.1	62.3	70.6	51.7
September 1995	85.2	59.8	65.9	67.2	65.9	69.6	53.1
October 1994	87.2	60.7	64.8	70.1	62.9	74.0	51.5
Delaware							
October 1995	83.1	55.5	71.8	63.7	64.3	68.2	50.8
September 1995	82.4	57.0	72.7	64.4	65.8	67.4	51.8
October 1994	84.9	57.6	62.2	67.1	68.0	71.0	50.7
District of Columbia							
October 1995	NA	56.2	NA	NA	W	56.7	50.8
September 1995	86.1	56.3	W	W	60.2	58.6	52.1
October 1994	95.5	58.5	NA	W	W	60.2	50.8
Maryland							
October 1995	89.3	56.9	59.7	65.4	57.2	64.9	52.9
September 1995	85.5	58.0	60.1	64.5	63.8	63.9	54.3
October 1994	90.0	57.0	59.2	68.7	61.3	67.4	53.0
New Jersey							
October 1995	85.0	55.2	69.5	66.8	58.8	68.4	50.5
September 1995	83.7	55.4	69.3	66.9	59.5	65.9	51.7
October 1994	86.8	58.2	67.3	71.0	55.5	77.4	50.1
New York							
October 1995	94.9	64.9	63.0	75.2	65.9	79.8	52.8
September 1995	91.1	65.6	62.8	75.3	68.0	78.3	54.3
October 1994	92.9	65.3	64.6	79.0	63.0	79.7	52.3

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							
October 1995	79.6	58.8	65.9	64.6	63.1	66.8	52.3
September 1995	77.2	59.7	66.1	64.6	66.5	66.2	53.8
October 1994	80.2	60.3	64.7	66.8	66.0	68.7	52.5
Subdistrict IC							
October 1995	82.5	56.2	58.8	64.7	61.7	61.5	52.0
September 1995	80.3	57.5	60.1	65.3	64.1	62.6	53.7
October 1994	82.3	57.1	61.9	65.7	63.9	63.3	52.7
Virginia							
October 1995	82.5	59.1	61.3	64.4	63.6	64.5	52.1
September 1995	81.6	60.4	62.8	65.2	63.0	65.0	53.7
October 1994	82.3	59.1	62.9	65.5	65.4	66.2	52.4
West Virginia							
October 1995	77.1	57.1	60.7	67.3	64.0	61.8	53.9
September 1995	76.0	58.1	62.0	69.7	62.7	62.6	55.3
October 1994	79.3	58.9	63.0	71.6	58.6	63.1	54.9
PAD District II							
October 1995	79.6	57.0	63.8	65.3	71.9	64.6	54.0
September 1995	79.4	58.7	65.0	66.0	72.4	65.3	56.0
October 1994	80.1	57.9	65.8	65.8	73.0	65.6	55.2
Illinois							
October 1995	74.6	59.2	68.6	67.5	73.2	66.5	51.9
September 1995	75.6	60.7	71.8	67.7	72.8	67.5	53.6
October 1994	77.6	58.2	70.7	67.8	76.3	67.7	53.7
Indiana							
October 1995	82.1	54.4	62.7	63.7	75.5	62.9	52.2
September 1995	81.0	57.6	63.0	65.2	76.6	64.1	54.0
October 1994	81.7	57.3	64.0	63.9	78.9	65.2	53.3
Michigan							
October 1995	85.5	59.0	61.8	65.6	68.4	65.1	54.0
September 1995	84.5	59.7	61.7	67.2	68.1	65.4	55.8
October 1994	85.2	58.4	66.4	68.0	72.1	67.3	55.7
Minnesota							
October 1995	80.1	60.7	66.9	70.4	76.8	71.1	57.6
September 1995	79.5	61.2	67.8	69.4	77.1	70.6	59.8
October 1994	81.4	58.1	69.1	72.0	76.0	70.2	59.0
Ohio							
October 1995	79.0	56.7	62.8	63.9	71.8	62.9	53.9
September 1995	77.5	57.8	64.1	65.0	71.2	63.4	56.1
October 1994	79.8	57.2	63.1	65.4	74.2	64.1	54.9
Wisconsin							
October 1995	80.4	60.6	59.2	65.6	71.6	66.3	54.2
September 1995	80.7	61.6	60.7	65.9	72.9	66.6	56.3
October 1994	80.7	61.8	62.6	67.6	72.1	66.8	55.5
PAD District III							
October 1995	65.9	53.8	58.4	65.0	61.5	59.1	50.8
September 1995	66.9	54.9	59.0	65.7	62.3	59.7	52.2
October 1994	W	54.0	60.8	65.5	62.1	59.4	50.3
PAD District IV							
October 1995	89.0	69.5	77.7	78.1	81.6	75.9	69.5
September 1995	87.0	67.2	76.1	77.3	80.1	73.9	67.8
October 1994	86.2	68.6	76.0	77.4	79.6	74.4	67.5
Idaho							
October 1995	88.1	79.2	NA	86.1	85.6	83.0	76.0
September 1995	86.6	74.8	77.9	84.2	82.3	80.4	72.9
October 1994	85.8	73.7	78.8	82.0	82.8	79.8	70.8

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							
October 1995	90.9	70.4	74.7	79.3	76.1	74.5	63.2
September 1995	87.4	67.4	73.0	78.0	73.4	71.8	61.7
October 1994	90.6	68.5	73.9	78.6	72.4	72.8	62.8
Alaska							
October 1995	83.4	84.0	70.3	99.1	84.8	83.0	61.7
September 1995	83.1	80.8	NA	NA	83.3	80.5	60.0
October 1994	85.1	80.8	82.3	83.2	85.2	82.6	62.6
Oregon							
October 1995	90.5	68.3	72.8	79.0	72.6	73.0	63.0
September 1995	87.1	65.7	71.1	75.6	71.2	70.4	61.1
October 1994	91.1	64.9	70.3	77.3	70.5	70.8	61.8
Washington							
October 1995	97.7	67.8	73.2	76.9	77.6	73.1	62.2
September 1995	95.5	65.7	71.3	75.9	74.9	70.0	59.4
October 1994	96.2	65.1	71.2	78.0	71.6	70.9	61.2

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						
October 1995	59.4	66.0	67.6	69.2	64.6	55.4
September 1995	59.9	66.0	68.0	69.4	64.8	56.3
October 1994	59.8	66.7	68.2	69.6	65.1	55.8
PAD District I						
October 1995	57.3	63.3	65.9	62.9	61.4	52.8
September 1995	58.6	63.8	66.4	64.4	62.5	54.3
October 1994	58.7	64.3	67.6	64.6	62.9	53.3
Subdistrict IA						
October 1995	61.6	71.9	73.4	64.3	65.2	53.9
September 1995	63.2	71.7	73.6	64.7	66.3	54.7
October 1994	63.8	72.2	72.5	65.8	67.0	53.7
Connecticut						
October 1995	61.1	57.7	77.0	71.6	63.3	53.7
September 1995	63.5	58.5	77.0	72.2	64.9	53.6
October 1994	63.0	60.5	77.7	70.6	64.7	53.5
Maine						
October 1995	68.0	68.3	72.9	64.2	68.5	54.7
September 1995	68.3	69.3	73.1	65.9	69.2	56.1
October 1994	70.5	71.3	71.2	64.7	69.2	54.4
Massachusetts						
October 1995	60.4	85.3	75.3	59.0	64.2	54.4
September 1995	61.1	85.9	75.9	60.2	65.4	55.1
October 1994	61.9	83.6	71.6	60.7	66.0	52.8
New Hampshire						
October 1995	63.3	69.8	71.4	68.5	68.5	NA
September 1995	64.0	71.5	71.6	65.9	68.6	54.2
October 1994	65.5	67.0	72.2	66.9	69.5	54.1
Rhode Island						
October 1995	62.4	W	67.5	56.4	60.7	53.2
September 1995	66.5	62.7	68.5	56.5	61.6	54.6
October 1994	67.1	60.2	69.2	58.6	65.4	53.8
Vermont						
October 1995	63.1	70.4	73.6	73.3	68.0	60.3
September 1995	66.4	NA	73.2	76.5	70.8	61.0
October 1994	66.6	NA	75.9	74.9	71.7	61.2
Subdistrict IB						
October 1995	57.7	67.4	67.1	65.4	62.0	53.2
September 1995	58.7	67.2	67.2	66.4	62.7	54.6
October 1994	58.8	65.7	70.1	65.1	63.2	53.3
Delaware						
October 1995	54.8	72.3	63.7	70.7	62.5	51.5
September 1995	56.6	72.6	64.4	70.4	63.2	53.0
October 1994	56.0	61.4	67.1	72.9	63.1	51.7
District of Columbia						
October 1995	54.1	NA	NA	65.3	56.3	55.3
September 1995	55.3	W	W	65.6	57.7	58.8
October 1994	52.3	NA	W	W	56.1	58.7
Maryland						
October 1995	56.8	59.7	65.4	63.0	59.1	53.7
September 1995	58.1	NA	64.5	64.7	60.1	55.2
October 1994	56.1	58.2	68.7	63.3	59.0	54.6
New Jersey						
October 1995	54.5	NA	66.8	59.6	60.0	52.3
September 1995	55.1	NA	66.9	60.1	60.4	53.4
October 1994	57.1	NA	71.0	55.7	62.2	52.0
New York						
October 1995	61.0	64.4	75.2	66.0	65.3	55.0
September 1995	62.6	64.5	75.3	67.6	66.6	56.0
October 1994	61.8	64.4	79.0	66.9	66.7	54.1

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						
October 1995	58.5	66.1	64.6	66.3	62.3	53.5
September 1995	59.4	66.2	64.6	67.0	62.8	55.0
October 1994	59.3	65.0	66.8	66.4	63.2	53.8
Subdistrict IC						
October 1995	55.9	60.0	64.7	61.9	60.5	52.2
September 1995	57.3	61.1	65.3	63.7	61.7	54.0
October 1994	57.3	62.3	65.7	64.3	62.1	53.2
Virginia						
October 1995	58.8	61.5	64.4	64.1	61.9	52.7
September 1995	60.2	63.5	65.2	64.0	63.1	54.3
October 1994	59.3	62.4	65.5	67.7	63.4	53.4
West Virginia						
October 1995	57.1	61.6	67.3	65.8	61.6	54.6
September 1995	58.1	63.0	69.7	66.0	62.5	55.9
October 1994	58.9	64.2	71.6	64.9	63.3	55.4
PAD District II						
October 1995	57.5	64.6	65.3	72.1	64.4	54.6
September 1995	59.1	65.6	66.0	72.7	65.2	56.5
October 1994	58.7	66.9	65.8	73.2	65.6	55.7
Illinois						
October 1995	59.9	68.9	67.5	73.3	66.9	52.4
September 1995	61.3	71.5	67.7	72.9	67.7	54.2
October 1994	59.6	71.6	67.8	76.3	68.8	54.5
Indiana						
October 1995	55.7	65.6	63.7	75.7	63.7	52.8
September 1995	58.5	66.0	65.2	76.9	64.6	54.5
October 1994	59.5	68.5	63.9	79.2	66.6	53.5
Michigan						
October 1995	59.2	61.9	65.6	69.5	63.2	54.6
September 1995	60.1	61.7	67.2	70.7	64.1	56.5
October 1994	58.7	67.9	68.0	73.0	65.6	56.3
Minnesota						
October 1995	63.4	65.8	70.4	76.9	71.4	58.0
September 1995	64.0	66.9	69.4	77.3	71.6	60.3
October 1994	62.0	68.6	72.0	76.1	71.6	59.6
Ohio						
October 1995	56.5	63.0	63.9	72.6	61.9	55.0
September 1995	57.7	64.2	65.0	72.5	62.6	56.9
October 1994	57.7	63.1	65.4	75.5	63.3	55.1
Wisconsin						
October 1995	60.6	60.2	65.6	71.5	64.6	54.4
September 1995	61.6	62.2	65.9	72.7	65.5	56.6
October 1994	62.0	63.1	67.6	72.1	65.6	55.8
PAD District III						
October 1995	53.8	58.5	65.0	61.5	59.2	51.4
September 1995	54.9	59.0	65.7	62.3	59.7	52.7
October 1994	54.1	60.9	65.5	62.1	59.5	51.2
PAD District IV						
October 1995	69.2	77.7	78.1	81.6	75.7	69.5
September 1995	67.0	76.2	77.3	80.0	73.9	67.9
October 1994	68.4	76.1	77.4	79.2	74.3	67.5
Idaho						
October 1995	79.3	NA	86.1	85.5	83.0	76.0
September 1995	74.9	78.0	84.2	82.3	80.4	72.9
October 1994	73.8	78.9	82.0	82.8	79.7	70.8

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						
October 1995	70.4	74.6	79.3	76.1	74.0	63.2
September 1995	67.3	72.9	78.0	73.4	71.5	61.7
October 1994	68.7	73.8	78.6	72.3	72.4	62.9
Alaska						
October 1995	NA	69.3	99.1	85.4	83.4	61.9
September 1995	81.2	NA	NA	83.7	80.5	60.4
October 1994	81.7	81.4	83.2	86.2	82.6	62.8
Oregon						
October 1995	68.0	72.8	79.0	72.5	72.2	63.0
September 1995	65.5	71.1	75.6	71.2	70.0	61.0
October 1994	65.7	70.3	77.3	70.3	70.5	61.7
Washington						
October 1995	68.0	73.2	76.9	77.9	71.6	62.2
September 1995	65.7	71.3	75.9	75.2	69.3	59.4
October 1994	65.6	71.1	78.0	71.5	69.9	61.0

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											
October 1995	60.2	67.8	67.6	69.8	65.3	55.9	57.8	64.2	68.3	62.8	53.0
September 1995	61.1	67.4	68.0	70.3	65.8	56.8	57.8	64.5	68.1	62.5	53.8
October 1994	60.9	68.8	68.2	70.2	66.0	56.1	57.7	64.6	68.8	63.0	54.2
PAD District I											
October 1995	57.3	64.6	65.9	61.5	61.6	53.0	57.3	62.0	64.4	60.9	50.9
September 1995	58.9	64.6	66.4	63.2	62.7	54.6	57.7	62.9	65.8	61.7	52.2
October 1994	58.7	65.2	67.6	64.4	63.2	53.5	58.7	63.5	64.8	62.2	51.5
Subdistrict IA											
October 1995	61.0	74.2	73.4	63.9	65.2	53.9	65.8	61.9	67.6	65.9	54.4
September 1995	62.7	73.1	73.6	64.2	66.3	54.7	66.5	62.6	68.2	66.4	56.0
October 1994	63.5	72.5	72.5	64.7	66.9	53.7	66.0	70.8	73.7	67.7	56.8
Subdistrict IB											
October 1995	57.7	69.9	67.1	62.9	62.1	53.4	57.6	64.6	69.5	61.6	51.1
September 1995	58.8	69.4	67.2	64.0	62.9	54.8	58.2	64.8	69.8	62.2	52.3
October 1994	58.6	67.6	70.1	62.4	63.3	53.5	59.1	64.2	70.0	62.8	51.0
Subdistrict IC											
October 1995	55.8	59.5	64.7	60.4	60.6	52.5	56.2	60.5	63.1	60.4	50.6
September 1995	57.8	60.3	65.3	62.5	61.9	54.3	56.4	61.9	64.7	61.2	52.0
October 1994	57.3	61.8	65.7	65.5	62.4	53.4	57.3	62.6	63.3	61.5	51.6
PAD District II											
October 1995	57.7	62.9	65.3	72.0	64.1	54.7	57.0	66.3	72.3	65.4	53.8
September 1995	59.4	63.7	66.0	72.8	65.0	56.6	58.3	67.5	72.6	66.0	55.6
October 1994	59.4	65.5	65.8	72.6	65.2	55.8	57.0	68.2	74.1	66.9	55.1
PAD District III											
October 1995	55.8	61.9	65.0	61.3	61.4	52.4	51.9	57.2	61.7	55.8	49.1
September 1995	57.2	62.5	65.7	62.1	62.3	53.8	53.1	57.8	62.4	56.5	50.3
October 1994	56.7	66.1	65.5	63.2	62.4	52.0	52.0	58.2	61.1	55.4	48.9
PAD District IV											
October 1995	70.3	76.8	78.1	81.4	78.3	69.0	67.6	80.8	81.8	73.8	73.5
September 1995	68.8	75.2	77.3	80.4	75.0	67.5	64.6	79.2	79.6	70.9	70.8
October 1994	71.6	75.2	77.4	79.4	75.8	67.3	65.2	79.2	78.9	70.4	68.9
PAD District V											
October 1995	72.2	75.0	79.3	77.8	75.5	63.7	66.5	73.9	72.6	69.9	60.8
September 1995	70.1	74.0	78.0	76.3	74.0	62.2	62.9	71.2	67.6	65.6	59.5
October 1994	70.1	74.9	78.6	73.9	74.0	63.2	66.1	70.5	68.9	68.0	61.7

^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						
October 1995	40.6	34.5	34.6	NA	36.2	31.2
September 1995	37.4	35.6	34.3	NA	35.2	31.8
October 1994	38.1	32.5	33.1	30.7	34.8	31.4
PAD District I						
October 1995	41.1	36.6	35.7	NA	37.6	NA
September 1995	37.9	36.7	35.2	NA	36.2	32.1
October 1994	38.8	34.7	33.2	30.0	35.4	32.0
Subdistrict IA						
October 1995	39.1	36.8	35.0	NA	37.4	35.2
September 1995	37.8	36.7	35.5	NA	36.9	35.2
October 1994	36.6	33.6	33.0	32.0	35.2	32.7
Connecticut						
October 1995	46.1	W	W	-	44.0	W
September 1995	46.4	W	W	-	44.8	W
October 1994	41.5	W	-	W	41.5	W
Maine						
October 1995	39.2	37.6	33.4	NA	35.7	35.2
September 1995	38.6	37.0	34.6	W	36.2	36.0
October 1994	38.5	W	32.9	W	34.3	W
Massachusetts						
October 1995	NA	36.3	40.2	NA	39.1	36.1
September 1995	37.1	36.9	40.3	W	37.3	34.7
October 1994	35.7	33.2	30.9	W	35.0	33.3
New Hampshire						
October 1995	38.9	46.4	36.3	W	36.7	W
September 1995	39.7	W	36.8	W	37.1	W
October 1994	36.3	W	35.2	W	35.6	38.1
Rhode Island						
October 1995	38.0	38.1	W	-	38.0	38.1
September 1995	38.3	35.0	W	-	38.3	35.0
October 1994	37.8	W	W	-	37.8	W
Vermont						
October 1995	W	W	W	W	W	W
September 1995	W	W	W	W	W	W
October 1994	W	-	34.9	-	36.2	-
Subdistrict IB						
October 1995	43.9	36.9	35.7	NA	40.3	NA
September 1995	39.3	37.4	36.2	NA	38.1	NA
October 1994	41.4	35.8	32.8	26.8	37.7	31.1
Delaware						
October 1995	34.9	W	33.8	W	34.6	W
September 1995	36.0	W	35.8	W	35.9	W
October 1994	36.2	W	32.9	NA	35.1	NA
District of Columbia						
October 1995	W	-	-	-	W	-
September 1995	W	-	-	-	W	-
October 1994	W	-	W	-	40.7	-
Maryland						
October 1995	NA	W	37.4	NA	37.2	33.7
September 1995	35.0	W	38.6	35.6	35.9	35.1
October 1994	W	W	NA	W	NA	W
New Jersey						
October 1995	W	34.0	34.6	NA	36.9	NA
September 1995	40.8	34.3	34.7	NA	37.4	NA
October 1994	W	38.2	32.6	NA	37.5	32.4
New York						
October 1995	47.7	40.2	36.5	34.4	44.2	38.9
September 1995	47.0	40.4	37.1	38.3	42.7	40.3
October 1994	42.5	36.0	33.4	W	39.7	34.8
Pennsylvania						
October 1995	39.5	34.9	34.7	33.0	36.2	34.5
September 1995	34.9	33.7	35.6	34.7	35.1	34.1
October 1994	41.1	34.4	32.1	31.4	34.1	33.6

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						
October 1995	36.6	35.9	35.8	NA	35.9	NA
September 1995	36.2	35.4	35.0	NA	35.2	35.2
October 1994	34.4	32.1	33.4	NA	33.6	33.5
Florida						
October 1995	W	NA	35.6	W	35.6	NA
September 1995	W	35.4	34.5	NA	34.7	35.2
October 1994	35.8	W	33.7	NA	33.9	33.4
Georgia						
October 1995	-	-	37.2	NA	37.2	NA
September 1995	-	-	36.8	NA	36.8	NA
October 1994	-	-	35.2	W	35.2	W
North Carolina						
October 1995	50.8	W	35.9	NA	36.6	36.5
September 1995	W	-	36.9	35.0	37.5	35.0
October 1994	51.6	-	33.3	35.3	34.3	35.3
South Carolina						
October 1995	W	-	W	W	W	W
September 1995	W	-	W	W	W	W
October 1994	W	-	W	W	W	W
Virginia						
October 1995	42.0	W	34.3	33.0	35.1	33.2
September 1995	41.3	W	36.1	33.7	36.7	34.7
October 1994	31.6	W	31.7	32.9	31.6	33.8
West Virginia						
October 1995	W	-	W	-	W	-
September 1995	W	-	W	-	41.1	-
October 1994	W	-	W	-	W	-
PAD District II						
October 1995	35.3	NA	NA	29.3	NA	28.4
September 1995	39.7	33.3	NA	30.7	NA	30.9
October 1994	31.8	33.8	31.9	28.8	31.9	30.7
Illinois						
October 1995	46.7	W	41.8	-	42.2	W
September 1995	W	W	43.3	-	42.9	W
October 1994	W	W	43.4	W	40.5	33.9
Indiana						
October 1995	NA	W	34.8	W	35.0	21.9
September 1995	41.4	W	36.9	W	37.4	W
October 1994	38.2	W	32.8	W	33.2	W
Iowa						
October 1995	W	W	NA	W	NA	W
September 1995	W	-	NA	W	NA	W
October 1994	W	-	NA	-	W	-
Kansas						
October 1995	W	-	W	W	W	W
September 1995	W	-	W	W	W	W
October 1994	W	W	W	W	W	W
Kentucky						
October 1995	W	NA	W	-	41.1	NA
September 1995	W	W	W	-	W	W
October 1994	47.5	-	W	-	38.5	-
Michigan						
October 1995	41.5	W	NA	W	NA	W
September 1995	40.7	W	31.3	W	33.5	W
October 1994	42.7	W	NA	W	39.0	W
Minnesota						
October 1995	-	-	W	NA	W	NA
September 1995	-	-	W	NA	W	NA
October 1994	NA	W	NA	W	NA	W
Missouri						
October 1995	W	NA	NA	NA	NA	NA
September 1995	W	W	NA	NA	NA	W
October 1994	W	W	19.8	W	20.1	24.1

See footnotes at end of table.

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

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Nebraska						
October 1995	W	—	NA	NA	W	NA
September 1995	W	—	NA	NA	W	NA
October 1994	W	—	NA	—	W	—
North Dakota						
October 1995	—	—	W	—	W	—
September 1995	—	—	W	—	W	—
October 1994	—	W	W	—	W	W
Ohio						
October 1995	46.8	NA	38.3	W	38.9	26.4
September 1995	45.3	—	35.4	W	37.4	W
October 1994	W	—	36.7	W	37.5	W
Oklahoma						
October 1995	NA	—	W	W	W	W
September 1995	NA	—	W	—	W	—
October 1994	NA	W	W	—	W	W
South Dakota						
October 1995	—	W	NA	—	NA	W
September 1995	—	—	NA	—	NA	—
October 1994	—	W	NA	—	NA	W
Tennessee						
October 1995	W	W	W	W	W	NA
September 1995	W	W	W	—	41.5	W
October 1994	W	W	W	W	W	32.5
Wisconsin						
October 1995	NA	W	NA	W	NA	W
September 1995	NA	W	NA	W	NA	W
October 1994	W	—	NA	W	NA	W
PAD District III						
October 1995	W	31.8	33.1	31.2	33.2	31.4
September 1995	W	35.2	32.3	30.2	32.1	31.6
October 1994	W	29.4	31.0	30.9	31.5	30.4
Alabama						
October 1995	W	W	NA	NA	NA	NA
September 1995	W	W	34.9	NA	35.0	NA
October 1994	W	W	33.6	32.0	33.7	35.0
Arkansas						
October 1995	—	—	W	—	W	—
September 1995	—	—	W	—	W	—
October 1994	—	—	W	—	W	—
Louisiana						
October 1995	W	38.5	32.0	30.4	32.6	31.5
September 1995	W	45.3	31.7	30.0	NA	33.3
October 1994	W	W	30.3	31.6	31.5	31.6
Mississippi						
October 1995	—	—	NA	NA	NA	NA
September 1995	—	—	NA	NA	NA	NA
October 1994	W	—	36.4	NA	36.5	NA
New Mexico						
October 1995	—	W	—	—	—	W
September 1995	—	W	—	—	—	W
October 1994	—	W	—	—	—	W
Texas						
October 1995	—	30.7	32.9	32.0	32.9	31.3
September 1995	—	30.0	31.9	30.0	31.9	30.0
October 1994	W	29.2	31.0	29.9	30.9	29.6
PAD District IV						
October 1995	W	W	32.9	W	33.4	26.5
September 1995	W	W	31.4	W	31.7	20.0
October 1994	35.6	W	26.0	W	26.8	32.9
Colorado						
October 1995	—	—	—	W	—	W
September 1995	—	W	—	—	—	W
October 1994	—	—	—	—	—	—

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						
October 1995	-	-	-	-	-	-
September 1995	-	-	W	-	W	-
October 1994	W	-	-	-	W	-
Montana						
October 1995	-	-	W	-	W	-
September 1995	-	-	NA	W	NA	W
October 1994	-	-	NA	W	NA	W
Utah						
October 1995	W	NA	W	-	28.3	NA
September 1995	W	NA	W	-	W	NA
October 1994	W	-	W	-	28.6	-
Wyoming						
October 1995	-	W	W	W	W	W
September 1995	-	W	W	W	W	W
October 1994	-	W	W	W	W	33.1
PAD District V						
October 1995	42.4	27.8	34.1	32.4	36.2	30.5
September 1995	41.0	29.6	34.8	32.1	36.3	31.0
October 1994	42.6	29.7	36.1	34.2	37.9	32.2
Alaska						
October 1995	-	-	W	-	W	-
September 1995	-	-	-	W	-	W
October 1994	-	-	W	W	W	W
Arizona						
October 1995	W	W	-	-	W	W
September 1995	W	W	-	-	W	W
October 1994	W	W	W	-	W	W
California						
October 1995	W	27.7	33.6	31.6	33.6	29.0
September 1995	W	29.4	34.4	32.6	34.5	30.0
October 1994	40.1	29.4	NA	34.1	NA	31.4
Hawaii						
October 1995	W	-	37.0	W	41.6	W
September 1995	W	-	35.0	45.1	39.8	45.1
October 1994	W	-	38.3	W	41.7	W
Nevada						
October 1995	W	W	-	W	W	W
September 1995	W	W	-	-	W	W
October 1994	W	W	-	-	W	W
Oregon						
October 1995	NA	-	34.8	W	34.9	W
September 1995	W	-	37.2	W	37.3	W
October 1994	NA	-	38.6	W	38.7	W
Washington						
October 1995	W	-	33.8	32.6	33.8	32.6
September 1995	NA	-	34.6	32.2	34.6	32.2
October 1994	-	-	35.5	33.5	35.5	33.5

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

Volumes of Petroleum Products

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
United States												
October 1995	33,959.0	35,581.3	43,175.7	127,669.1	30,667.8	201,512.6	9,535.7	9,801.8	13,484.5	17,618.4	173.5	31,276.4
September 1995	34,806.8	36,339.2	43,420.8	127,328.8	35,970.5	206,720.1	9,795.6	10,049.8	13,405.5	17,095.0	168.2	30,668.7
October 1994	33,882.1	35,496.1	47,532.0	121,013.2	24,864.1	193,409.3	8,348.0	8,633.7	12,772.8	15,527.9	176.2	28,476.8
PAD District I												
October 1995	7,874.3	8,499.7	W	37,135.0	W	58,232.4	2,476.2	2,609.8	W	7,222.5	W	12,313.3
September 1995	7,958.5	8,578.5	14,861.8	37,169.9	6,581.9	58,613.6	2,484.5	2,611.9	5,074.9	7,237.5	W	12,342.6
October 1994	7,827.2	8,475.5	16,311.5	34,883.2	5,800.9	56,995.6	2,521.5	2,664.7	5,821.2	W	W	12,986.2
Subdistrict IA												
October 1995	352.3	397.6	W	3,953.1	W	6,908.6	120.0	130.9	W	W	-	1,447.5
September 1995	349.7	391.8	2,575.6	4,104.4	249.0	6,928.9	121.0	131.2	786.5	673.5	-	1,460.0
October 1994	337.1	396.2	W	4,016.2	W	7,602.3	127.9	139.3	W	W	-	1,573.6
Connecticut												
October 1995	W	80.6	W	1,165.0	W	1,931.0	W	W	W	W	-	444.5
September 1995	W	82.2	734.2	1,158.5	-	1,892.7	W	W	246.7	191.1	-	437.8
October 1994	W	84.2	W	1,154.5	W	2,036.4	W	W	W	W	-	495.5
Maine												
October 1995	-	W	W	W	264.0	1,171.4	-	W	W	W	-	168.3
September 1995	-	W	W	926.6	W	1,047.6	-	W	W	W	-	176.9
October 1994	-	W	W	786.5	W	966.3	-	W	13.3	128.8	-	142.2
Massachusetts												
October 1995	195.6	220.8	1,383.7	W	W	2,740.4	67.2	75.4	W	W	-	603.7
September 1995	193.6	216.4	1,364.9	1,358.3	W	2,758.2	66.3	74.3	399.1	207.4	-	606.5
October 1994	186.5	216.7	W	1,472.0	W	3,229.2	70.9	78.5	W	W	-	691.9
New Hampshire												
October 1995	W	50.2	156.2	57.3	-	213.4	W	15.4	47.6	9.7	-	57.4
September 1995	W	49.0	150.8	55.3	-	206.2	W	15.2	46.2	9.3	-	55.5
October 1994	W	49.0	176.1	75.5	-	251.5	W	16.6	55.3	16.5	-	71.9
Rhode Island												
October 1995	37.5	W	242.8	W	W	700.5	14.6	15.4	W	W	-	140.8
September 1995	37.7	38.5	243.7	W	W	867.0	15.0	15.2	71.4	77.7	-	149.1
October 1994	36.0	40.4	W	430.6	W	982.5	16.6	17.3	74.2	67.1	-	141.4
Vermont												
October 1995	-	-	W	W	-	151.9	-	-	W	W	-	32.8
September 1995	-	-	W	W	-	157.3	-	-	W	W	-	34.2
October 1994	-	W	39.3	97.1	-	136.4	-	-	W	W	-	30.7
Subdistrict IB												
October 1995	3,023.3	3,222.1	W	10,698.6	W	24,331.3	836.9	866.4	W	W	W	4,313.7
September 1995	3,041.4	3,235.5	8,603.8	10,914.6	5,488.9	25,007.3	836.3	866.6	2,587.1	1,819.1	W	4,418.1
October 1994	3,005.4	3,219.6	W	10,639.9	W	23,495.3	853.7	882.1	W	W	-	4,759.8
Delaware												
October 1995	18.5	25.8	W	233.5	W	503.6	7.0	W	W	W	-	133.3
September 1995	18.8	25.4	189.1	217.1	W	440.3	7.3	7.4	61.2	56.6	-	117.8
October 1994	16.7	22.6	W	313.9	W	568.5	7.0	W	W	W	-	179.0
District of Columbia												
October 1995	-	6.6	114.7	-	-	114.7	-	W	80.9	-	-	80.9
September 1995	-	7.7	114.7	-	-	114.7	-	W	80.8	-	-	80.8
October 1994	-	5.2	114.0	-	-	114.0	-	W	77.5	-	-	77.5
Maryland												
October 1995	-	48.0	W	1,166.9	W	2,870.5	-	5.5	606.5	W	W	956.3
September 1995	-	43.1	1,556.5	1,084.7	W	2,823.3	-	6.1	607.3	338.0	W	955.1
October 1994	-	45.8	W	1,090.6	W	3,005.1	-	6.4	744.5	327.9	-	1,072.4
New Jersey												
October 1995	650.9	683.9	2,272.5	1,625.8	3,238.9	7,137.2	198.1	205.4	655.9	249.6	-	905.5
September 1995	668.3	703.9	2,275.8	1,726.0	3,418.9	7,420.7	202.8	209.5	666.5	293.4	W	962.0
October 1994	622.0	664.6	2,285.8	1,451.1	1,873.0	5,609.9	188.2	194.6	718.0	281.7	-	999.7
New York												
October 1995	1,159.8	1,206.6	2,528.5	3,589.3	339.3	6,457.1	253.9	263.5	691.0	333.8	-	1,024.8
September 1995	1,168.1	1,218.0	2,577.0	3,757.6	431.0	6,765.6	254.7	264.1	716.2	354.1	-	1,070.3
October 1994	1,171.4	1,234.6	W	3,411.3	W	6,447.4	269.7	278.7	805.1	327.3	-	1,132.4
Pennsylvania												
October 1995	1,194.2	1,251.1	1,890.7	4,083.1	1,274.3	7,248.1	377.9	383.6	448.4	764.6	-	1,213.0
September 1995	1,186.2	1,237.3	1,890.7	4,129.2	1,422.7	7,442.6	371.5	377.5	455.1	777.0	-	1,232.0
October 1994	1,195.3	1,246.7	W	4,373.1	W	7,750.4	388.8	393.4	553.8	745.1	-	1,298.9

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
United States												
October 1995	9,794.7	10,132.9	21,066.7	31,925.9	4,476.4	57,469.1	53,289.5	55,516.1	77,727.0	177,213.4	35,317.7	290,258.1
September 1995	9,853.6	10,191.8	20,909.2	31,268.3	5,255.2	57,432.7	54,456.0	56,580.9	77,735.5	175,692.1	41,393.9	294,821.5
October 1994	9,741.4	10,110.7	22,155.9	29,358.5	2,671.2	54,185.6	51,971.5	54,240.5	82,460.7	165,899.5	27,711.5	276,071.7
PAD District I												
October 1995	3,049.8	3,197.7	10,136.0	12,663.4	2,310.2	25,109.6	13,400.3	14,307.2	30,068.1	57,020.9	8,566.2	95,655.3
September 1995	3,049.4	3,194.1	10,011.4	12,312.8	1,620.7	23,944.9	13,492.4	14,384.5	29,948.0	56,720.2	8,232.9	94,901.1
October 1994	3,014.8	3,174.4	10,878.7	W	W	23,614.3	13,363.5	14,314.7	33,011.4	54,081.8	6,502.9	93,596.1
Subdistrict IA												
October 1995	158.8	171.7	W	W	W	2,454.6	631.2	700.2	4,526.9	5,831.6	452.2	10,810.7
September 1995	155.8	168.7	1,119.5	1,220.0	183.8	2,523.3	626.4	691.8	4,481.6	5,997.8	432.8	10,912.2
October 1994	151.7	168.3	W	W	W	2,723.4	616.7	703.8	4,758.0	6,103.5	1,037.8	11,899.3
Connecticut												
October 1995	W	W	329.6	W	W	740.9	W	143.4	W	1,747.1	W	3,116.4
September 1995	W	W	325.4	375.3	—	700.7	W	W	1,306.3	1,724.9	—	3,031.2
October 1994	W	W	348.8	W	W	832.3	W	146.5	W	1,833.0	W	3,364.2
Maine												
October 1995	—	W	W	208.3	W	237.4	—	W	W	1,226.3	W	1,577.1
September 1995	—	W	W	W	W	255.3	—	W	W	1,302.6	W	1,479.8
October 1994	—	W	W	217.5	W	251.3	—	W	W	1,132.9	W	1,359.8
Massachusetts												
October 1995	83.0	94.1	W	422.5	W	1,102.8	345.7	390.3	2,390.0	W	W	4,447.0
September 1995	84.0	95.7	608.6	422.2	W	1,154.3	343.9	386.5	2,372.6	1,987.9	W	4,519.0
October 1994	84.4	97.8	686.6	W	W	1,232.6	341.8	393.0	2,538.7	W	W	5,153.6
New Hampshire												
October 1995	W	20.1	54.7	13.6	—	68.4	W	85.7	258.5	80.6	—	339.1
September 1995	W	19.2	53.6	12.6	—	66.1	W	83.5	250.6	77.2	—	327.8
October 1994	W	18.2	65.3	21.0	—	86.3	W	83.8	296.7	113.0	—	409.7
Rhode Island												
October 1995	17.8	17.8	W	W	—	260.9	69.9	W	421.0	W	W	1,102.2
September 1995	16.9	16.9	105.8	W	W	299.6	69.6	70.6	420.9	W	W	1,315.7
October 1994	15.7	16.0	121.2	157.0	—	278.1	68.3	73.7	W	654.7	W	1,402.0
Vermont												
October 1995	—	—	W	W	—	44.1	—	—	W	W	—	228.9
September 1995	—	—	W	W	—	47.3	—	—	W	W	—	238.8
October 1994	—	—	14.6	28.3	—	42.8	—	W	W	W	—	210.0
Subdistrict IB												
October 1995	1,142.6	1,179.1	6,066.2	W	W	11,825.7	5,002.8	5,267.5	17,171.7	16,107.9	7,191.1	40,470.7
September 1995	1,164.3	1,202.4	6,021.5	3,571.3	1,138.6	10,731.3	5,042.0	5,304.5	17,212.4	16,305.0	6,639.4	40,156.8
October 1994	1,149.7	1,191.1	6,424.5	W	W	10,512.1	5,008.8	5,292.7	18,467.2	16,116.3	4,183.7	38,767.1
Delaware												
October 1995	7.2	W	70.5	W	W	170.5	32.7	41.2	W	384.5	W	807.3
September 1995	7.1	8.1	67.1	67.7	—	134.9	33.2	40.9	317.5	341.5	W	693.0
October 1994	7.5	W	W	W	—	193.1	31.1	38.4	W	541.1	W	940.6
District of Columbia												
October 1995	—	W	182.1	—	—	182.1	—	10.3	377.7	—	—	377.7
September 1995	—	3.1	180.5	—	—	180.5	—	12.9	376.0	—	—	376.0
October 1994	—	W	190.6	—	—	190.6	—	8.8	382.1	—	—	382.1
Maryland												
October 1995	—	7.1	953.7	W	W	1,417.0	—	60.6	W	1,930.1	W	5,243.7
September 1995	—	6.5	950.5	417.6	W	1,407.5	—	55.7	3,114.4	1,840.3	W	5,185.9
October 1994	—	6.0	1,071.8	454.5	—	1,526.3	—	58.1	W	1,872.9	W	5,603.7
New Jersey												
October 1995	347.9	361.8	1,784.6	905.9	1,550.0	4,240.5	1,196.9	1,251.2	4,713.0	2,781.2	4,788.9	12,283.1
September 1995	353.6	368.6	1,772.6	845.9	707.4	3,325.9	1,224.7	1,282.0	4,714.9	2,865.3	4,128.4	11,708.7
October 1994	337.8	355.9	1,893.7	716.7	225.3	2,835.8	1,148.1	1,215.2	4,897.5	2,449.5	2,098.3	9,445.4
New York												
October 1995	399.1	405.1	2,198.2	1,023.6	161.4	3,383.2	1,812.8	1,875.2	5,417.7	4,946.7	500.7	10,865.1
September 1995	421.1	429.0	2,200.8	1,032.8	63.8	3,297.4	1,843.9	1,911.2	5,494.0	5,144.5	494.8	11,133.3
October 1994	397.4	406.0	W	900.8	W	3,230.8	1,838.5	1,919.3	5,710.4	4,639.3	460.8	10,810.5
Pennsylvania												
October 1995	388.4	394.3	877.0	1,217.5	338.0	2,432.5	1,960.5	2,029.0	3,216.1	6,065.3	1,612.3	10,893.7
September 1995	382.5	387.2	849.9	1,207.2	328.1	2,385.2	1,940.1	2,001.9	3,195.6	6,113.3	1,750.9	11,059.8
October 1994	407.0	412.8	W	1,495.2	W	2,535.5	1,991.1	2,053.0	3,530.3	6,613.4	1,441.1	11,584.8

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
Subdistrict IC												
October 1995	4,498.7	4,880.0	3,714.0	22,483.4	795.1	26,992.5	1,519.3	1,612.6	W	4,801.5	W	6,552.1
September 1995	4,567.4	4,951.2	3,882.4	22,150.9	844.1	26,677.4	1,527.3	1,614.0	1,701.2	4,744.9	W	6,464.4
October 1994	4,484.6	4,859.8	4,566.3	20,227.1	1,104.6	25,898.1	1,539.9	1,643.3	W	4,577.8	W	6,652.8
Florida												
October 1995	1,760.2	1,908.6	1,964.5	W	W	7,588.5	638.6	680.5	W	W	—	2,215.8
September 1995	1,757.6	1,902.9	1,954.8	5,508.3	W	7,548.1	644.7	682.0	952.9	1,217.2	—	2,170.1
October 1994	1,709.1	1,883.3	2,461.5	W	W	7,463.2	639.1	691.2	W	W	—	2,254.5
Georgia												
October 1995	895.1	948.9	W	4,856.0	W	5,523.6	317.4	338.9	W	W	—	1,142.7
September 1995	925.2	976.4	468.3	4,628.0	379.4	5,475.7	317.0	337.3	218.6	909.4	—	1,128.0
October 1994	939.0	1,009.3	W	4,541.7	W	5,425.3	321.5	341.8	W	889.3	W	1,129.9
North Carolina												
October 1995	412.0	507.0	W	5,425.1	W	5,792.8	135.2	146.8	W	1,180.8	W	1,257.0
September 1995	414.4	521.5	103.8	5,517.6	W	5,846.3	133.7	145.8	44.1	1,214.3	W	1,276.7
October 1994	416.0	457.2	W	4,969.3	W	5,374.4	136.6	146.3	W	1,203.4	W	1,296.0
South Carolina												
October 1995	530.2	560.8	W	2,659.8	W	2,799.0	149.8	155.0	W	W	—	537.6
September 1995	539.5	570.5	44.7	2,635.5	W	2,723.9	150.2	155.0	15.3	518.0	—	533.3
October 1994	542.9	570.5	W	2,507.6	W	2,640.4	150.5	155.6	W	W	—	560.6
Virginia												
October 1995	569.3	602.3	W	3,602.9	W	4,815.4	183.2	192.5	460.0	836.7	—	1,296.7
September 1995	598.2	627.9	1,060.8	3,490.2	W	4,624.9	188.1	196.9	451.6	808.9	—	1,260.5
October 1994	549.7	591.3	1,279.3	W	W	4,422.3	194.3	206.1	W	706.6	W	1,263.9
West Virginia												
October 1995	331.9	352.4	W	W	W	473.3	95.1	98.9	W	W	—	102.2
September 1995	332.5	351.9	50.0	371.3	W	458.6	93.6	97.1	W	77.1	—	95.7
October 1994	327.9	348.3	W	W	W	572.5	97.9	102.3	W	W	—	147.8
PAD District II												
October 1995	13,801.8	14,336.5	9,633.3	47,847.8	6,944.6	64,425.7	3,117.5	3,166.7	2,640.5	4,029.6	—	6,670.2
September 1995	13,634.6	14,126.2	9,864.4	47,640.0	7,291.0	64,795.4	3,057.5	3,104.9	2,648.0	3,714.3	—	6,362.3
October 1994	13,342.2	13,849.9	10,026.4	44,615.3	5,495.0	60,136.7	3,009.5	3,083.0	2,749.4	3,087.5	—	5,836.9
Illinois												
October 1995	1,932.2	1,945.5	1,860.5	W	W	8,749.2	502.2	502.5	749.9	390.9	—	1,140.8
September 1995	1,915.5	1,929.1	1,827.9	4,601.3	1,893.5	8,322.7	493.2	493.5	737.5	361.6	—	1,099.1
October 1994	1,771.8	1,787.3	1,972.7	W	W	7,361.0	444.0	444.1	754.0	256.3	—	1,010.3
Indiana												
October 1995	1,132.6	1,144.8	970.5	3,285.7	349.7	4,605.9	261.6	262.5	246.7	377.9	—	624.6
September 1995	1,127.8	1,140.9	W	3,216.3	W	4,584.2	258.2	259.1	252.5	374.4	—	626.8
October 1994	1,189.1	1,201.3	975.2	2,894.1	346.4	4,215.8	273.4	274.3	267.9	319.0	—	586.9
Iowa												
October 1995	216.6	223.4	W	3,229.4	W	3,456.5	W	W	W	W	—	75.9
September 1995	213.6	219.4	W	3,268.5	W	3,509.4	W	W	W	28.5	—	36.7
October 1994	212.0	217.3	W	W	—	3,439.8	W	W	W	W	—	26.8
Kansas												
October 1995	509.3	532.7	W	W	729.3	3,388.4	45.3	45.3	W	W	—	57.7
September 1995	513.9	534.0	W	2,379.0	892.7	3,377.9	44.1	44.1	W	29.3	—	57.7
October 1994	546.2	566.6	W	2,499.4	W	2,921.9	50.4	51.5	30.7	18.1	—	48.8
Kentucky												
October 1995	522.7	567.3	357.9	2,330.5	—	2,688.4	146.9	151.7	85.4	345.7	—	431.1
September 1995	512.1	552.1	380.0	W	—	2,673.4	144.1	149.9	85.0	W	—	412.6
October 1994	505.2	564.4	379.6	2,154.9	—	2,534.5	145.6	155.2	104.7	346.8	—	451.6
Michigan												
October 1995	2,190.7	2,308.6	2,427.1	W	W	7,347.5	386.1	388.5	W	W	—	813.8
September 1995	2,114.0	2,221.6	2,525.2	4,969.1	W	7,528.4	374.3	376.1	560.5	254.9	—	815.5
October 1994	2,124.3	2,227.2	2,401.0	4,669.1	—	7,070.1	379.3	382.4	568.3	262.8	—	831.1
Minnesota												
October 1995	966.9	991.3	W	3,607.9	W	4,170.8	145.6	146.6	W	W	—	267.5
September 1995	958.9	977.6	W	3,689.3	W	4,303.4	139.9	140.0	W	174.1	—	247.4
October 1994	998.2	1,019.4	W	3,330.8	W	3,921.6	144.3	145.0	W	W	—	179.0
Missouri												
October 1995	613.7	622.4	446.7	3,881.7	NA	4,390.9	119.3	119.4	144.7	125.4	—	270.1
September 1995	628.4	637.4	W	3,938.6	W	4,615.8	116.8	116.8	147.3	119.7	—	266.9
October 1994	689.5	703.3	531.6	W	W	4,473.3	121.6	122.3	W	W	—	278.4

See footnotes at end of table.

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

Geographic Area Month	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												
October 1995	1,748.4	1,846.9	W	7,796.6	W	10,829.3	7,766.4	8,339.5	8,369.5	35,081.5	922.9	44,373.9
September 1995	1,729.3	1,823.0	2,870.4	7,521.6	298.3	10,690.3	7,824.0	8,388.2	8,254.0	34,417.4	1,160.7	43,832.1
October 1994	1,713.4	1,815.0	W	7,057.2	W	10,378.8	7,738.0	8,318.1	9,786.2	31,862.1	1,281.4	42,929.7
Florida												
October 1995	865.3	903.2	1,791.8	1,870.7	—	3,662.5	3,264.0	3,492.3	W	8,671.5	W	13,466.8
September 1995	851.5	885.1	1,754.1	1,899.9	149.5	3,803.5	3,253.9	3,470.0	4,661.8	8,625.4	234.4	13,521.6
October 1994	836.0	878.9	1,960.9	1,567.5	—	3,528.3	3,184.2	3,453.3	W	7,379.4	W	13,246.0
Georgia												
October 1995	324.1	343.2	W	W	W	2,006.9	1,536.5	1,631.0	W	7,407.4	W	8,673.2
September 1995	321.4	340.2	309.2	1,499.9	W	1,912.4	1,563.5	1,653.8	996.1	7,037.3	482.8	8,516.1
October 1994	315.4	335.5	W	1,536.5	W	1,940.4	1,575.8	1,686.7	W	6,967.4	W	8,495.6
North Carolina												
October 1995	128.7	147.1	47.1	2,028.0	—	2,075.1	675.9	800.9	W	8,633.8	W	9,124.9
September 1995	127.9	145.9	51.3	1,945.5	W	2,024.8	676.0	813.2	199.2	8,677.5	271.1	9,147.8
October 1994	116.9	127.3	93.5	1,769.2	—	1,862.6	669.5	730.8	W	7,941.8	W	8,533.1
South Carolina												
October 1995	149.8	159.2	W	W	—	875.6	829.8	875.0	W	4,043.4	W	4,212.3
September 1995	148.0	156.9	16.8	826.8	—	843.6	837.7	882.4	76.8	3,980.3	W	4,100.8
October 1994	148.7	157.0	W	W	—	816.3	842.1	883.1	W	3,831.4	W	4,017.3
Virginia												
October 1995	216.5	225.7	W	1,297.3	W	2,077.0	968.9	1,020.5	W	5,736.8	W	8,189.1
September 1995	217.1	227.0	718.1	1,244.2	W	1,979.8	1,003.3	1,051.8	2,230.4	5,543.3	W	7,865.2
October 1994	223.5	236.8	785.5	W	W	2,059.1	967.5	1,034.2	W	4,995.7	W	7,745.3
West Virginia												
October 1995	64.2	68.5	W	W	—	132.2	491.2	519.8	W	588.6	W	707.7
September 1995	63.4	68.0	21.0	105.2	—	126.3	489.6	517.0	89.7	553.6	W	680.6
October 1994	72.9	79.5	29.6	142.4	—	172.0	498.8	530.1	W	746.4	W	892.4
PAD District II												
October 1995	2,996.1	3,072.5	3,355.0	9,096.7	218.9	12,670.6	19,915.4	20,575.7	15,628.8	60,974.2	7,163.5	83,766.6
September 1995	2,866.0	2,941.1	3,259.8	8,915.7	345.2	12,520.7	19,558.1	20,172.2	15,772.2	60,270.1	7,636.2	83,678.5
October 1994	2,973.0	3,079.4	3,388.8	8,024.6	289.3	11,702.7	19,324.6	20,012.3	16,164.6	55,727.4	5,784.3	77,676.3
Illinois												
October 1995	515.1	515.5	918.6	W	W	1,847.5	2,949.5	2,963.5	3,529.0	6,339.0	1,869.4	11,737.4
September 1995	514.2	514.8	890.2	904.4	W	1,850.6	2,922.9	2,937.4	3,455.6	5,867.3	1,949.5	11,272.4
October 1994	473.7	474.2	895.2	W	W	1,683.9	2,689.5	2,705.6	3,621.9	5,321.1	1,112.2	10,055.2
Indiana												
October 1995	286.4	287.0	338.2	810.3	—	1,148.5	1,680.6	1,694.4	1,555.4	4,473.9	349.7	6,379.0
September 1995	265.2	265.8	W	702.0	W	1,041.2	1,651.2	1,665.7	1,582.2	4,292.6	377.3	6,252.2
October 1994	301.9	302.1	333.4	641.0	—	974.4	1,764.4	1,777.7	1,576.5	3,854.2	346.4	5,777.1
Iowa												
October 1995	W	W	W	W	—	309.8	254.6	261.4	W	3,570.7	W	3,842.2
September 1995	26.5	26.5	W	260.8	—	297.9	251.8	257.6	W	3,557.8	W	3,844.0
October 1994	W	W	W	W	—	234.1	251.3	256.5	W	W	—	3,700.7
Kansas												
October 1995	74.8	76.5	W	282.8	W	388.1	629.4	654.5	W	2,867.3	W	3,834.2
September 1995	72.7	75.3	W	274.0	W	319.9	630.7	653.4	W	2,682.3	911.5	3,755.5
October 1994	73.1	76.0	W	254.9	W	332.2	669.7	694.1	181.8	2,772.3	348.7	3,302.8
Kentucky												
October 1995	135.7	140.2	110.0	713.9	—	823.9	805.4	859.2	553.3	3,390.1	—	3,943.5
September 1995	128.5	133.2	109.2	662.3	—	771.5	784.7	835.2	574.2	3,283.3	—	3,857.4
October 1994	146.1	158.2	147.6	688.6	—	836.2	796.9	877.8	632.0	3,190.3	—	3,822.3
Michigan												
October 1995	397.2	421.1	697.1	947.1	—	1,644.2	2,974.0	3,118.3	W	6,086.3	W	9,805.5
September 1995	372.6	393.9	700.0	938.6	—	1,638.6	2,860.9	2,991.5	3,785.8	6,162.7	W	9,982.5
October 1994	412.3	446.8	717.1	865.0	—	1,582.1	2,915.8	3,056.4	3,686.4	5,796.9	—	9,483.3
Minnesota												
October 1995	121.3	121.3	W	W	W	481.7	1,233.8	1,259.2	W	4,152.1	W	4,920.0
September 1995	121.5	121.5	W	386.9	W	466.0	1,220.3	1,239.1	W	4,250.2	W	5,016.8
October 1994	120.8	121.3	W	W	W	433.3	1,263.3	1,285.7	W	3,799.2	W	4,534.0
Missouri												
October 1995	123.1	123.8	165.3	740.7	—	906.0	856.1	865.6	756.7	4,747.8	NA	5,567.0
September 1995	117.9	118.5	W	735.0	W	912.7	863.1	872.8	773.3	4,793.2	228.9	5,795.4
October 1994	120.6	124.4	166.0	683.6	—	849.5	931.7	950.0	W	4,485.9	W	5,601.3

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
Nebraska												
October 1995	152.0	154.9	133.1	W	W	1,963.8	5.2	5.2	W	W	—	W
September 1995	142.6	145.4	142.5	1,797.9	W	1,956.8	5.4	5.4	W	5.0	—	5.0
October 1994	131.6	133.4	135.1	1,755.8	—	1,890.9	W	W	W	W	—	W
North Dakota												
October 1995	W	8.8	W	W	—	929.5	W	W	W	W	—	W
September 1995	7.6	8.0	W	885.5	—	959.1	W	W	W	W	—	W
October 1994	10.4	10.9	W	W	—	879.0	W	W	W	W	—	W
Ohio												
October 1995	3,510.5	3,684.4	2,054.5	W	W	6,544.5	959.6	994.0	W	W	—	1,068.8
September 1995	3,449.4	3,630.7	2,111.0	3,895.8	W	6,167.3	940.0	975.1	485.3	510.9	—	996.1
October 1994	3,223.4	3,407.0	2,096.3	W	W	6,072.5	919.3	971.7	W	W	—	831.8
Oklahoma												
October 1995	554.6	629.1	W	W	2,836.8	5,658.0	125.4	126.8	W	W	—	150.1
September 1995	561.6	612.9	W	W	W	6,073.3	119.9	120.9	W	W	—	63.5
October 1994	569.7	598.8	W	W	2,632.5	5,376.0	121.9	122.4	W	W	—	62.6
South Dakota												
October 1995	W	18.4	40.9	1,005.3	—	1,046.2	W	W	W	W	—	W
September 1995	W	19.3	41.9	998.8	—	1,040.8	W	W	W	W	—	W
October 1994	22.0	22.0	41.9	W	W	1,056.8	W	W	W	W	—	W
Tennessee												
October 1995	860.9	886.6	W	4,753.4	W	5,167.5	308.9	312.6	W	W	—	1,301.1
September 1995	859.0	881.0	278.6	4,649.2	W	5,032.1	310.7	312.9	129.5	1,168.4	—	1,298.0
October 1994	744.5	778.2	W	4,269.7	W	4,728.9	284.5	288.1	W	W	—	1,164.3
Wisconsin												
October 1995	612.5	618.3	388.4	3,930.3	—	4,318.6	98.8	98.9	103.8	286.1	—	389.9
September 1995	611.0	617.0	398.7	4,252.4	—	4,651.0	98.9	99.0	105.0	286.6	—	391.5
October 1994	604.2	612.7	447.6	3,747.0	—	4,194.6	101.8	102.6	105.8	220.5	—	326.3
PAD District III												
October 1995	4,656.9	4,869.9	1,780.1	25,722.3	13,290.1	40,792.5	1,499.2	1,543.6	W	4,155.9	W	4,842.5
September 1995	4,819.2	5,017.4	1,767.4	25,343.0	17,370.7	44,481.1	1,521.7	1,564.1	673.8	4,072.5	—	4,746.3
October 1994	4,427.7	4,678.0	2,184.6	W	W	36,271.3	1,495.9	1,540.6	801.8	W	W	4,894.4
Alabama												
October 1995	201.1	225.5	74.8	W	W	3,144.6	79.5	90.9	W	W	—	702.3
September 1995	208.2	234.2	76.0	3,099.4	W	3,230.4	79.9	91.1	37.6	626.6	—	664.2
October 1994	224.4	244.0	W	2,966.3	W	3,136.6	83.0	92.5	W	W	—	700.4
Arkansas												
October 1995	193.5	201.4	W	2,422.5	W	2,756.5	50.5	50.5	W	W	—	309.2
September 1995	196.8	204.8	W	2,335.8	372.9	2,731.7	51.7	51.7	W	275.3	—	282.9
October 1994	202.8	211.6	W	2,708.5	W	2,813.0	56.5	56.7	W	W	—	340.7
Louisiana												
October 1995	360.0	384.1	242.5	2,723.3	1,395.2	4,361.0	150.4	156.9	114.4	578.2	—	692.6
September 1995	382.5	405.8	256.8	2,775.2	1,822.5	4,854.6	160.1	167.1	121.0	572.7	—	693.7
October 1994	377.7	394.0	265.3	2,449.5	1,560.5	4,275.3	154.1	158.4	118.5	566.4	—	684.9
Mississippi												
October 1995	68.6	84.2	10.4	2,263.8	287.5	2,561.7	18.5	20.9	W	W	—	401.0
September 1995	71.0	87.4	10.8	2,054.2	824.1	2,889.2	18.8	22.3	4.4	388.1	—	392.5
October 1994	65.9	83.7	14.4	W	W	2,507.6	20.4	24.5	5.5	445.0	—	450.6
New Mexico												
October 1995	346.7	353.8	W	W	—	1,512.2	40.7	41.0	W	W	—	125.3
September 1995	364.7	371.0	217.5	1,242.2	—	1,459.7	39.7	39.7	48.4	70.5	—	118.9
October 1994	277.7	290.0	W	W	W	1,685.0	15.9	15.9	W	W	—	72.3
Texas												
October 1995	3,487.0	3,621.0	1,210.1	14,040.8	11,205.5	26,456.4	1,159.6	1,183.5	463.8	W	W	2,612.1
September 1995	3,596.0	3,714.2	1,183.2	13,836.1	14,296.2	29,315.5	1,171.5	1,192.2	454.8	2,139.3	—	2,594.1
October 1994	3,279.2	3,454.7	1,566.3	12,444.3	7,843.3	21,853.8	1,166.0	1,192.5	W	1,994.2	W	2,645.5
PAD District IV												
October 1995	1,418.6	1,478.8	W	5,288.8	W	5,864.3	469.2	476.7	W	W	—	787.3
September 1995	1,443.7	1,484.4	598.5	5,569.5	W	6,204.3	478.5	484.9	178.8	637.6	—	816.4
October 1994	1,352.7	1,389.0	840.8	W	W	5,803.9	413.5	413.8	W	W	—	417.8
Colorado												
October 1995	1,100.8	1,101.5	185.0	W	W	2,164.5	344.3	344.3	W	W	—	294.8
September 1995	1,111.1	1,111.2	196.6	2,093.3	W	2,326.3	348.4	348.4	76.8	223.5	—	300.3
October 1994	1,086.5	1,091.6	446.8	1,756.0	—	2,202.8	328.7	328.7	108.5	137.9	—	246.4

See footnotes at end of table.

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

Geographic Area Month	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												
October 1995	18.3	18.3	W	122.8	—	W	175.4	178.3	162.5	W	W	2,152.0
September 1995	16.1	16.1	W	117.0	—	147.0	164.1	166.9	172.5	1,919.9	W	2,108.8
October 1994	W	W	W	W	—	W	154.8	156.6	161.2	1,851.7	—	2,012.9
North Dakota												
October 1995	W	W	W	W	—	W	9.4	9.8	W	W	—	1,022.2
September 1995	W	W	W	43.2	—	56.4	8.6	8.9	W	944.1	—	1,050.3
October 1994	W	W	W	40.1	—	W	12.4	12.9	W	W	—	958.7
Ohio												
October 1995	755.1	783.5	637.9	793.4	—	1,431.4	5,225.2	5,461.8	W	5,305.9	W	9,044.6
September 1995	697.7	728.2	623.2	740.1	W	1,377.6	5,087.1	5,334.0	3,219.5	5,146.8	W	8,541.0
October 1994	775.9	808.1	662.4	652.1	—	1,314.5	4,918.5	5,186.9	W	4,542.2	W	8,218.8
Oklahoma												
October 1995	127.5	136.2	W	568.6	W	687.3	807.4	892.1	W	3,469.4	W	6,495.4
September 1995	121.8	132.0	W	558.6	W	778.4	803.2	865.7	W	3,417.6	3,416.2	6,915.1
October 1994	121.0	128.9	W	515.7	W	727.4	812.6	850.1	W	3,261.7	W	6,166.0
South Dakota												
October 1995	0.9	W	W	W	—	W	19.3	19.4	54.6	1,077.3	—	1,131.9
September 1995	1.0	1.0	6.9	68.1	—	75.0	20.2	20.3	55.4	1,071.0	—	1,126.4
October 1994	W	W	W	67.0	—	W	23.1	23.2	55.0	W	W	1,138.0
Tennessee												
October 1995	320.0	327.0	W	W	—	1,961.4	1,489.7	1,526.2	W	7,753.9	W	8,430.1
September 1995	315.1	319.2	149.9	1,826.8	—	1,976.7	1,484.8	1,513.1	558.0	7,644.5	W	8,306.8
October 1994	281.5	291.9	W	W	—	1,801.3	1,310.5	1,358.2	W	6,911.3	W	7,694.5
Wisconsin												
October 1995	94.4	94.8	113.4	639.7	—	753.1	805.7	811.9	605.6	4,856.0	—	5,461.6
September 1995	94.5	94.5	113.6	697.8	—	811.4	804.3	810.5	617.3	5,236.7	—	5,854.0
October 1994	104.1	105.4	115.5	574.5	—	690.0	810.1	820.7	668.9	4,542.0	—	5,210.9
PAD District III												
October 1995	1,566.8	1,620.9	W	6,651.9	W	9,100.7	7,722.9	8,034.5	3,391.9	36,530.2	14,813.6	54,735.7
September 1995	1,569.1	1,619.5	922.1	6,399.4	2,645.6	9,967.1	7,909.9	8,200.9	3,363.3	35,814.9	20,016.4	59,194.6
October 1994	1,545.3	1,605.3	1,106.5	6,224.9	1,390.2	8,721.6	7,468.9	7,823.8	4,092.9	34,248.3	11,546.1	49,887.3
Alabama												
October 1995	81.8	90.1	42.3	1,148.0	—	1,190.3	362.4	406.5	W	4,790.5	W	5,037.2
September 1995	83.5	91.5	42.5	1,100.9	—	1,143.3	371.6	416.8	156.1	4,826.9	W	5,037.9
October 1994	78.1	88.0	W	W	—	1,121.0	385.5	424.5	W	4,702.0	W	4,958.0
Arkansas												
October 1995	39.2	40.8	W	W	—	666.1	283.2	292.7	W	3,381.2	W	3,731.8
September 1995	38.3	40.1	W	639.5	W	682.9	286.8	296.6	W	3,250.7	407.9	3,697.6
October 1994	39.8	40.9	W	W	—	683.9	299.1	309.2	W	3,720.2	W	3,837.5
Louisiana												
October 1995	160.9	168.6	219.0	1,011.0	188.5	1,418.4	671.3	709.6	575.8	4,312.5	1,583.7	6,472.0
September 1995	171.4	179.4	225.8	933.3	593.9	1,753.0	714.0	752.3	603.6	4,281.3	2,416.4	7,301.3
October 1994	166.9	172.6	220.6	889.0	282.4	1,392.1	698.7	725.0	604.4	3,904.9	1,842.9	6,352.2
Mississippi												
October 1995	17.3	21.0	W	663.4	W	701.3	104.4	126.0	18.8	W	W	3,664.1
September 1995	17.1	20.4	4.3	634.3	W	708.6	107.0	130.0	19.5	3,076.6	894.2	3,990.3
October 1994	16.4	21.4	4.7	W	W	1,066.4	102.6	129.6	24.6	3,083.2	916.7	4,024.5
New Mexico												
October 1995	55.0	56.5	26.5	244.0	—	270.5	442.4	451.3	W	W	—	1,908.1
September 1995	55.2	55.9	27.4	206.5	—	234.0	459.6	466.5	293.3	1,519.2	—	1,812.6
October 1994	42.6	45.2	28.4	195.2	—	223.6	336.2	351.1	W	1,636.5	W	1,980.9
Texas												
October 1995	1,212.6	1,243.9	642.6	W	W	4,854.0	5,859.2	6,048.4	2,316.5	19,099.4	12,506.7	33,922.6
September 1995	1,203.6	1,232.3	613.8	2,884.9	1,946.7	5,445.4	5,971.0	6,138.6	2,251.8	18,860.3	16,242.9	37,355.0
October 1994	1,201.5	1,237.3	W	2,763.1	W	4,234.7	5,646.8	5,884.5	2,977.1	17,201.6	8,555.5	28,734.1
PAD District IV												
October 1995	425.3	442.6	W	W	W	1,459.1	2,313.1	2,398.1	W	7,170.4	W	8,110.6
September 1995	433.2	459.3	195.0	1,392.0	W	1,596.8	2,355.4	2,428.5	972.3	7,599.1	W	8,617.5
October 1994	332.1	341.7	231.5	1,027.4	—	1,258.8	2,098.2	2,144.4	W	6,224.7	W	7,480.5
Colorado												
October 1995	311.1	311.8	W	423.5	W	489.6	1,756.3	1,757.6	W	2,600.7	W	2,948.8
September 1995	313.8	314.3	64.2	479.4	W	553.4	1,773.3	1,773.9	337.6	2,796.2	W	3,180.0
October 1994	230.1	230.3	96.6	317.2	—	413.8	1,645.3	1,650.6	652.0	2,211.1	—	2,863.1

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												
October 1995	NA	NA	NA	848.5	—	945.6	NA	NA	25.9	133.6	—	159.5
September 1995	37.3	50.6	114.8	888.8	—	1,003.7	8.9	11.3	27.8	138.0	—	165.8
October 1994	W	9.2	137.4	789.6	—	927.0	W	W	W	19.8	—	W
Montana												
October 1995	W	14.3	W	W	—	1,015.6	W	W	W	W	—	69.0
September 1995	W	15.8	W	1,014.0	—	1,027.2	W	W	W	75.3	—	77.7
October 1994	W	W	W	995.7	W	997.0	W	W	—	—	—	—
Utah												
October 1995	218.6	261.5	NA	988.6	W	1,235.5	105.9	111.1	W	W	—	260.8
September 1995	225.7	250.5	252.7	1,064.2	—	1,316.9	108.9	112.9	W	199.2	—	270.2
October 1994	200.3	217.9	242.0	W	W	1,153.6	81.0	81.1	W	W	—	148.1
Wyoming												
October 1995	W	52.6	13.4	489.8	—	503.3	W	W	W	W	—	3.2
September 1995	55.9	56.3	21.0	509.2	—	530.2	10.4	10.4	W	W	—	2.3
October 1994	51.4	W	W	W	W	523.4	W	W	W	W	—	W
PAD District V												
October 1995	6,207.4	6,396.4	16,337.5	11,675.2	4,185.0	32,197.7	1,973.6	2,005.0	W	W	W	6,663.1
September 1995	6,950.8	7,132.7	16,328.8	11,606.4	4,690.5	32,625.6	2,253.4	2,284.1	4,830.1	1,433.1	W	6,401.1
October 1994	6,932.4	7,103.7	18,168.6	12,586.0	3,447.1	34,201.8	907.7	931.6	W	W	W	4,341.6
Alaska												
October 1995	165.4	187.4	84.1	227.2	—	311.4	W	W	W	W	—	17.3
September 1995	171.7	193.8	96.0	239.5	96.7	432.2	W	W	W	4.0	—	17.6
October 1994	182.8	195.4	W	202.8	W	298.7	W	W	W	W	—	W
Arizona												
October 1995	869.5	888.2	W	1,198.4	W	2,522.3	103.1	104.7	194.6	133.0	—	327.6
September 1995	978.1	991.5	1,170.2	1,124.7	W	2,347.6	86.3	86.8	117.7	66.3	—	184.0
October 1994	842.9	860.8	1,213.7	W	W	2,429.6	4.4	4.4	W	W	—	W
California												
October 1995	3,777.9	3,848.4	11,584.8	5,299.4	3,373.2	20,257.4	1,666.0	1,685.7	4,159.4	W	W	5,295.0
September 1995	4,169.4	4,239.6	11,571.0	5,277.8	3,885.0	20,733.8	1,923.6	1,945.0	4,179.1	1,012.5	W	5,329.6
October 1994	4,451.7	4,519.8	12,828.1	6,943.5	2,721.2	22,492.7	864.9	878.2	2,968.6	W	W	3,975.3
Hawaii												
October 1995	108.1	154.3	327.4	63.7	—	391.1	23.2	32.2	W	W	—	98.5
September 1995	110.5	157.0	329.0	63.3	—	392.3	23.3	31.4	95.4	W	—	98.8
October 1994	107.7	154.1	319.0	68.6	—	387.7	20.5	30.9	W	W	—	89.8
Nevada												
October 1995	79.9	88.8	583.1	705.3	162.6	1,450.9	W	W	W	W	—	212.9
September 1995	120.0	129.8	577.7	692.7	200.1	1,470.6	W	W	154.4	63.4	—	217.8
October 1994	97.4	106.5	W	603.9	W	1,547.6	6.2	6.4	W	W	—	130.5
Oregon												
October 1995	348.7	360.0	W	1,501.9	W	2,738.5	24.3	24.9	82.9	74.9	—	157.8
September 1995	381.6	394.0	848.0	1,441.4	W	2,564.1	26.1	26.1	W	53.7	—	108.8
October 1994	317.7	328.9	917.4	W	W	2,710.1	W	W	W	W	—	W
Washington												
October 1995	857.8	869.3	W	2,679.4	W	4,526.2	85.8	86.1	267.9	286.1	—	554.0
September 1995	1,019.6	1,027.0	1,736.9	2,767.0	181.3	4,685.1	97.4	97.7	W	229.8	—	444.5
October 1994	932.2	938.1	1,976.2	2,221.9	137.3	4,335.4	7.3	7.3	W	W	—	W

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Idaho												
October 1995	NA	NA	39.5	176.1	—	215.6	NA	NA	162.5	1,158.1	—	1,320.6
September 1995	7.2	9.7	41.4	183.6	—	224.9	53.4	71.6	184.0	1,210.4	—	1,394.4
October 1994	W	1.5	W	140.1	—	W	W	W	178.1	949.5	—	1,127.6
Montana												
October 1995	W	W	W	W	—	224.5	W	18.8	W	W	—	1,309.0
September 1995	W	W	W	245.8	—	247.4	W	20.5	W	1,335.1	—	1,352.3
October 1994	W	3.0	—	192.9	—	192.9	W	W	W	1,188.6	W	1,189.9
Utah												
October 1995	93.7	107.0	83.8	333.4	—	417.2	418.2	479.6	373.7	W	W	1,913.5
September 1995	96.9	113.2	82.3	363.1	—	445.3	431.5	476.6	406.0	1,626.5	—	2,032.5
October 1994	89.6	95.8	89.2	284.9	—	374.0	370.8	394.8	W	1,274.3	W	1,675.8
Wyoming												
October 1995	11.1	W	W	W	—	112.2	70.8	73.5	19.4	599.3	—	618.6
September 1995	12.5	19.2	5.6	120.2	—	125.8	78.7	85.9	27.5	630.8	—	658.3
October 1994	W	11.1	W	92.3	—	W	64.2	72.7	W	601.2	W	624.2
PAD District V												
October 1995	1,756.7	1,799.2	6,438.7	W	W	9,129.0	9,937.7	10,200.5	W	15,517.7	W	47,989.8
September 1995	1,936.0	1,977.9	6,520.9	2,248.4	633.9	9,403.1	11,140.2	11,394.7	27,679.7	15,287.9	5,462.3	48,429.9
October 1994	1,876.2	1,909.9	6,550.4	W	W	8,888.2	9,716.3	9,945.2	W	15,617.3	W	47,431.5
Alaska												
October 1995	W	W	W	W	—	51.5	229.6	256.3	W	W	—	380.2
September 1995	30.3	38.5	23.6	23.2	W	47.9	235.4	265.7	133.2	266.6	97.9	497.7
October 1994	W	W	22.0	W	—	W	218.1	233.4	W	224.8	W	350.5
Arizona												
October 1995	242.3	244.7	W	221.6	W	582.7	1,215.0	1,237.6	1,753.0	1,553.1	126.5	3,432.6
September 1995	258.0	259.0	352.5	229.9	W	593.5	1,322.3	1,337.4	1,640.4	1,420.9	W	3,125.0
October 1994	225.5	227.2	W	135.6	W	W	1,072.8	1,092.4	1,570.5	W	W	2,947.1
California												
October 1995	1,190.5	1,206.4	5,086.8	W	W	6,479.7	6,634.5	6,740.5	20,831.0	7,449.3	3,751.8	32,032.1
September 1995	1,305.8	1,320.3	5,149.9	1,086.1	535.7	6,771.7	7,398.7	7,504.8	20,900.0	7,376.4	4,558.6	32,835.1
October 1994	1,300.1	1,310.1	5,062.3	W	W	6,407.5	6,616.7	6,708.1	20,859.0	8,972.5	3,044.0	32,875.5
Hawaii												
October 1995	49.7	67.0	W	W	—	239.4	181.0	253.4	633.9	95.1	—	729.0
September 1995	49.5	66.8	212.2	28.3	—	240.5	183.2	255.3	636.6	95.0	—	731.6
October 1994	48.8	66.3	W	W	—	245.7	177.0	251.3	620.6	102.6	—	723.2
Nevada												
October 1995	W	W	W	W	W	358.6	139.1	148.1	917.9	W	W	2,022.4
September 1995	34.9	34.9	190.8	163.8	W	397.9	218.4	228.5	923.0	920.0	243.4	2,086.3
October 1994	19.6	19.8	210.9	W	W	328.5	123.2	132.7	1,115.5	W	W	2,006.5
Oregon												
October 1995	63.5	64.2	W	224.4	W	494.6	436.5	449.1	1,083.6	1,801.2	506.1	3,390.9
September 1995	68.7	69.5	165.1	220.8	39.5	425.4	476.4	489.6	1,068.2	1,715.9	314.2	3,098.3
October 1994	W	W	192.1	W	W	W	386.1	398.3	W	1,729.6	W	3,229.3
Washington												
October 1995	158.5	160.1	W	480.9	W	922.5	1,102.1	1,115.5	2,399.0	3,446.3	157.4	6,002.7
September 1995	188.8	188.8	426.7	496.2	W	926.2	1,305.7	1,313.4	2,378.3	3,492.9	184.6	6,055.8
October 1994	183.1	183.7	W	W	—	W	1,122.5	1,129.1	2,534.6	2,627.6	137.3	5,299.5

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

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												
October 1995	33,990.3	35,718.2	25,174.0	142,283.1	27,088.7	194,545.8	5,404.0	5,530.4	12,311.8	W	W	22,743.0
September 1995	39,219.8	40,963.7	35,900.0	147,592.6	33,176.2	216,668.8	801.4	815.2	1,813.7	2,543.7	1,443.2	5,800.5
October 1994	41,577.5	43,614.5	47,611.3	151,620.3	25,284.5	224,516.1	10,394.0	10,626.0	34,849.4	14,279.3	2,427.0	51,555.6
PAD District I												
October 1995	9,611.0	W	W	W	3,658.8	55,470.9	-	W	W	W	-	53.3
September 1995	9,651.0	10,259.0	9,095.0	42,487.7	4,061.3	55,643.9	-	-	-	-	-	-
October 1994	11,784.4	12,645.5	22,197.5	49,989.5	5,842.8	78,029.8	1,579.1	1,669.2	10,813.9	4,092.3	660.1	15,566.3
Subdistrict IA												
October 1995	-	W	W	W	W	976.7	-	-	-	-	-	-
September 1995	-	W	W	868.1	W	1,055.4	-	-	-	-	-	-
October 1994	W	W	4,227.9	W	W	11,005.9	W	W	530.1	W	W	893.4
Connecticut												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	47.8	W	784.6	W	W	2,470.8	W	W	W	W	W	893.4
Maine												
October 1995	-	W	-	W	W	712.7	-	-	-	-	-	-
September 1995	-	-	-	W	W	749.6	-	-	-	-	-	-
October 1994	-	W	W	1,132.9	W	1,359.8	-	-	-	-	-	-
Massachusetts												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	W	W	-	-	-	-	-	-
October 1994	341.8	393.0	2,538.7	W	W	5,153.6	-	-	-	-	-	-
New Hampshire												
October 1995	-	W	W	W	-	35.1	-	-	-	-	-	-
September 1995	-	W	W	W	-	32.1	-	-	-	-	-	-
October 1994	W	83.8	296.7	113.0	-	409.7	-	-	-	-	-	-
Rhode Island												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	68.3	73.7	W	654.7	W	1,402.0	-	-	-	-	-	-
Vermont												
October 1995	-	-	W	W	-	228.9	-	-	-	-	-	-
September 1995	-	-	W	177.1	-	238.8	-	-	-	-	-	-
October 1994	-	W	W	W	-	210.0	-	-	-	-	-	-
Subdistrict IB												
October 1995	2,656.0	2,744.4	2,838.0	W	W	14,626.5	-	-	-	-	-	-
September 1995	2,664.9	2,747.8	W	9,340.5	W	15,000.0	-	-	-	-	-	-
October 1994	W	W	8,563.4	W	W	24,798.5	W	W	9,903.7	W	W	13,968.6
Delaware												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	W	W	301.1	W	W	863.2	W	W	W	W	-	77.5
District of Columbia												
October 1995	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
October 1994	-	W	305.6	-	-	305.6	-	W	76.4	-	-	76.4
Maryland												
October 1995	-	6.8	24.0	W	W	555.9	-	-	-	-	-	-
September 1995	-	5.5	W	W	W	569.9	-	-	-	-	-	-
October 1994	-	51.7	2,677.7	W	W	4,343.8	-	6.4	W	W	-	1,259.9
New Jersey												
October 1995	-	-	-	-	734.2	734.2	-	-	-	-	-	-
September 1995	-	-	-	-	646.1	646.1	-	-	-	-	-	-
October 1994	538.5	571.3	735.9	608.1	1,724.6	3,068.7	609.6	643.9	4,161.6	1,841.4	373.7	6,376.7
New York												
October 1995	1,194.2	1,221.3	1,353.8	3,626.5	194.8	5,175.1	-	-	-	-	-	-
September 1995	1,209.7	1,239.1	1,375.7	3,797.4	283.7	5,456.8	-	-	-	-	-	-
October 1994	1,261.4	1,311.7	1,476.1	W	W	5,347.8	577.1	607.6	4,234.3	W	W	5,462.7
Pennsylvania												
October 1995	1,461.8	1,516.3	1,460.2	W	W	8,161.4	-	-	-	-	-	-
September 1995	1,455.2	1,503.2	W	W	1,750.9	8,327.2	-	-	-	-	-	-
October 1994	1,876.5	1,936.9	3,067.0	6,361.4	1,441.1	10,869.5	114.6	116.1	463.4	252.0	-	715.4

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	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												
October 1995	13,895.2	14,267.5	40,241.2	W	W	72,969.2	53,289.5	55,516.1	77,727.0	177,213.4	35,317.7	290,258.1
September 1995	14,434.9	14,802.0	40,021.9	25,555.8	6,774.5	72,352.2	54,456.0	56,580.9	77,735.5	175,692.1	41,393.9	294,821.5
October 1994	-	-	-	-	-	-	51,971.5	54,240.5	82,460.7	165,899.5	27,711.5	276,071.7
PAD District I												
October 1995	3,789.3	4,079.8	20,961.5	14,262.0	4,907.4	40,131.0	13,400.3	14,307.2	30,068.1	57,020.9	8,566.2	95,655.3
September 1995	3,841.3	4,125.5	20,853.1	14,232.5	4,171.6	39,257.2	13,492.4	14,384.5	29,948.0	56,720.2	8,232.9	94,901.1
October 1994	-	-	-	-	-	-	13,363.5	14,314.7	33,011.4	54,081.8	6,502.9	93,596.1
Subdistrict IA												
October 1995	631.2	W	W	W	W	9,834.0	631.2	700.2	4,526.9	5,831.6	452.2	10,810.7
September 1995	626.4	686.0	W	5,129.7	W	9,856.8	626.4	691.8	4,481.6	5,997.8	432.8	10,912.2
October 1994	-	-	-	-	-	-	616.7	703.8	4,758.0	6,103.5	1,037.8	11,899.3
Connecticut												
October 1995	W	143.4	W	1,747.1	W	3,116.4	W	143.4	W	1,747.1	W	3,116.4
September 1995	W	W	1,306.3	1,724.9	-	3,031.2	W	W	1,306.3	1,724.9	-	3,031.2
October 1994	-	-	-	-	-	-	W	146.5	W	1,833.0	W	3,364.2
Maine												
October 1995	-	W	W	W	W	864.5	-	W	W	1,226.3	W	1,577.1
September 1995	-	W	W	W	W	730.2	-	W	W	1,302.6	W	1,479.8
October 1994	-	-	-	-	-	-	-	W	W	1,132.9	W	1,359.8
Massachusetts												
October 1995	345.7	390.3	2,390.0	W	W	4,447.0	345.7	390.3	2,390.0	W	W	4,447.0
September 1995	343.9	386.5	2,372.6	1,987.9	W	4,484.0	343.9	386.5	2,372.6	1,987.9	W	4,519.0
October 1994	-	-	-	-	-	-	341.8	393.0	2,538.7	W	W	5,153.6
New Hampshire												
October 1995	W	W	W	W	-	304.0	W	85.7	258.5	80.6	-	339.1
September 1995	W	77.7	W	W	-	295.7	W	83.5	250.6	77.2	-	327.8
October 1994	-	-	-	-	-	-	W	83.8	296.7	113.0	-	409.7
Rhode Island												
October 1995	69.9	W	421.0	W	W	1,102.2	69.9	W	421.0	W	W	1,102.2
September 1995	69.6	70.6	420.9	W	W	1,315.7	69.6	70.6	420.9	W	W	1,315.7
October 1994	-	-	-	-	-	-	68.3	73.7	W	654.7	W	1,402.0
Vermont												
October 1995	-	-	-	-	-	-	-	-	W	W	-	228.9
September 1995	-	-	-	-	-	-	-	-	W	W	-	238.8
October 1994	-	-	-	-	-	-	-	W	W	W	-	210.0
Subdistrict IB												
October 1995	2,346.8	2,523.2	14,333.7	W	W	25,844.1	5,002.8	5,267.5	17,171.7	16,107.9	7,191.1	40,470.7
September 1995	2,377.1	2,556.7	W	6,964.5	W	25,156.8	5,042.0	5,304.5	17,212.4	16,305.0	6,639.4	40,156.8
October 1994	-	-	-	-	-	-	5,008.8	5,292.7	18,467.2	16,116.3	4,183.7	38,767.1
Delaware												
October 1995	32.7	41.2	W	W	W	807.3	32.7	41.2	W	384.5	W	807.3
September 1995	33.2	40.9	317.5	341.5	W	693.0	33.2	40.9	317.5	341.5	W	693.0
October 1994	-	-	-	-	-	-	31.1	38.4	W	541.1	W	940.6
District of Columbia												
October 1995	-	10.3	377.7	-	-	377.7	-	10.3	377.7	-	-	377.7
September 1995	-	12.9	376.0	-	-	376.0	-	12.9	376.0	-	-	376.0
October 1994	-	-	-	-	-	-	-	8.8	382.1	-	-	382.1
Maryland												
October 1995	-	53.9	W	W	W	4,687.9	-	60.6	W	1,930.1	W	5,243.7
September 1995	-	50.2	3,087.3	W	W	4,616.0	-	55.7	3,114.4	1,840.3	W	5,185.9
October 1994	-	-	-	-	-	-	-	58.1	W	1,872.9	W	5,603.7
New Jersey												
October 1995	1,196.9	1,251.2	4,713.0	2,781.2	4,054.6	11,548.9	1,196.9	1,251.2	4,713.0	2,781.2	4,788.9	12,283.1
September 1995	1,224.7	1,282.0	4,714.9	2,865.3	W	11,062.6	1,224.7	1,282.0	4,714.9	2,865.3	4,128.4	11,708.7
October 1994	-	-	-	-	-	-	1,148.1	1,215.2	4,897.5	2,449.5	2,098.3	9,445.4
New York												
October 1995	618.6	653.9	4,063.9	1,320.3	305.9	5,690.0	1,812.8	1,875.2	5,417.7	4,946.7	500.7	10,865.1
September 1995	634.2	672.1	4,118.3	1,347.1	211.1	5,676.5	1,843.9	1,911.2	5,494.0	5,144.5	494.8	11,133.3
October 1994	-	-	-	-	-	-	1,838.5	1,919.3	5,710.4	4,639.3	460.8	10,810.5
Pennsylvania												
October 1995	498.6	512.7	1,756.0	W	W	2,732.3	1,960.5	2,029.0	3,216.1	6,065.3	1,612.3	10,893.7
September 1995	484.9	498.7	W	W	-	2,732.6	1,940.1	2,001.9	3,195.6	6,113.3	1,750.9	11,059.8
October 1994	-	-	-	-	-	-	1,991.1	2,053.0	3,530.3	6,613.4	1,441.1	11,584.8

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
Subdistrict IC												
October 1995	6,955.0	7,479.0	6,198.3	32,746.5	922.9	39,867.7	—	W	W	W	—	53.3
September 1995	6,986.1	7,505.4	6,148.7	32,279.1	1,160.7	39,588.5	—	—	—	—	—	—
October 1994	7,547.6	8,115.3	9,406.2	31,537.9	1,281.4	42,225.4	190.4	202.9	380.1	324.2	—	704.3
Florida												
October 1995	3,264.0	3,492.3	W	8,671.5	W	13,466.8	—	—	—	—	—	—
September 1995	3,253.9	3,470.0	4,661.8	8,625.4	234.4	13,521.6	—	—	—	—	—	—
October 1994	3,184.2	3,453.3	W	7,379.4	W	13,246.0	—	—	—	—	—	—
Georgia												
October 1995	1,536.5	1,631.0	W	7,407.4	W	8,673.2	—	—	—	—	—	—
September 1995	1,563.5	1,653.8	996.1	7,037.3	482.8	8,516.1	—	—	—	—	—	—
October 1994	1,575.8	1,686.7	W	6,967.4	W	8,495.6	—	—	—	—	—	—
North Carolina												
October 1995	675.9	W	178.9	W	W	9,071.6	—	W	W	W	—	53.3
September 1995	676.0	813.2	199.2	8,677.5	271.1	9,147.8	—	—	—	—	—	—
October 1994	669.5	W	347.1	W	W	8,459.0	—	W	W	W	—	74.1
South Carolina												
October 1995	829.8	875.0	W	4,043.4	W	4,212.3	—	—	—	—	—	—
September 1995	837.7	882.4	76.8	3,980.3	W	4,100.8	—	—	—	—	—	—
October 1994	842.1	883.1	W	3,831.4	W	4,017.3	—	—	—	—	—	—
Virginia												
October 1995	157.6	W	126.7	W	W	3,736.3	—	—	—	—	—	—
September 1995	165.5	169.0	125.1	3,405.0	W	3,621.6	—	—	—	—	—	—
October 1994	777.1	W	2,221.6	W	W	7,115.1	190.4	W	W	W	—	630.2
West Virginia												
October 1995	491.2	519.8	W	W	W	707.7	—	—	—	—	—	—
September 1995	489.6	517.0	89.7	553.6	W	680.6	—	—	—	—	—	—
October 1994	498.8	530.1	W	746.4	W	892.4	—	—	—	—	—	—
PAD District II												
October 1995	16,466.2	17,078.3	W	W	7,163.5	74,166.3	1,015.6	1,029.2	W	W	—	1,764.5
September 1995	16,985.2	17,565.2	11,613.2	55,426.9	7,636.2	74,676.2	150.6	152.5	W	1,056.3	—	1,357.1
October 1994	18,331.6	19,001.1	W	W	5,784.3	76,055.8	993.0	1,011.2	W	W	—	1,620.5
Illinois												
October 1995	1,253.5	1,262.3	W	W	1,869.4	6,917.9	—	—	—	—	—	—
September 1995	1,243.7	1,252.3	W	W	1,949.5	6,613.7	—	—	—	—	—	—
October 1994	2,689.5	2,705.6	3,621.9	5,321.1	1,112.2	10,055.2	—	—	—	—	—	—
Indiana												
October 1995	1,588.0	1,600.5	1,318.5	3,961.3	349.7	5,629.5	—	—	—	—	—	—
September 1995	1,544.5	1,557.9	1,334.9	3,828.2	377.3	5,540.5	—	—	—	—	—	—
October 1994	1,764.4	1,777.7	1,576.5	3,854.2	346.4	5,777.1	—	—	—	—	—	—
Iowa												
October 1995	254.6	261.4	W	3,570.7	W	3,842.2	—	—	—	—	—	—
September 1995	251.8	257.6	W	W	W	3,844.0	—	—	—	—	—	—
October 1994	251.3	256.5	W	W	—	3,700.7	—	—	—	—	—	—
Kansas												
October 1995	629.4	654.5	W	2,867.3	W	3,834.2	—	—	—	—	—	—
September 1995	630.7	653.4	W	2,682.3	911.5	3,755.5	—	—	—	—	—	—
October 1994	669.7	694.1	181.8	2,772.3	348.7	3,302.8	—	—	—	—	—	—
Kentucky												
October 1995	550.2	578.7	W	W	—	3,044.5	—	—	—	—	—	—
September 1995	537.8	566.4	363.2	W	—	W	—	—	—	—	—	—
October 1994	796.9	877.8	632.0	3,190.3	—	3,822.3	—	—	—	—	—	—
Michigan												
October 1995	2,974.0	3,118.3	W	6,086.3	W	9,805.5	—	—	—	—	—	—
September 1995	2,860.9	2,991.5	3,785.8	6,162.7	W	9,982.5	—	—	—	—	—	—
October 1994	2,915.8	3,056.4	3,686.4	5,796.9	—	9,483.3	—	—	—	—	—	—
Minnesota												
October 1995	218.2	230.1	105.9	2,770.5	W	W	1,015.6	1,029.2	W	1,381.6	—	W
September 1995	1,069.7	1,086.7	102.0	3,225.7	W	W	150.6	152.5	W	1,024.5	—	W
October 1994	270.3	274.5	W	W	W	2,913.5	993.0	1,011.2	W	W	—	1,620.5
Missouri												
October 1995	856.1	865.6	756.7	4,747.8	NA	5,567.0	—	—	—	—	—	—
September 1995	863.1	872.8	773.3	4,793.2	228.9	5,795.4	—	—	—	—	—	—
October 1994	931.7	950.0	W	4,485.9	W	5,601.3	—	—	—	—	—	—

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	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												
October 1995	811.3	W	W	W	—	4,452.8	7,766.4	8,339.5	8,369.5	35,081.5	922.9	44,373.9
September 1995	837.9	882.8	2,105.3	2,138.3	—	4,243.6	7,824.0	8,388.2	8,254.0	34,417.4	1,160.7	43,832.1
October 1994	—	—	—	—	—	—	7,738.0	8,318.1	9,786.2	31,862.1	1,281.4	42,929.7
Florida												
October 1995	—	—	—	—	—	—	3,264.0	3,492.3	W	8,671.5	W	13,466.8
September 1995	—	—	—	—	—	—	3,253.9	3,470.0	4,661.8	8,625.4	234.4	13,521.6
October 1994	—	—	—	—	—	—	3,184.2	3,453.3	W	7,379.4	W	13,246.0
Georgia												
October 1995	—	—	—	—	—	—	1,536.5	1,631.0	W	7,407.4	W	8,673.2
September 1995	—	—	—	—	—	—	1,563.5	1,653.8	996.1	7,037.3	482.8	8,516.1
October 1994	—	—	—	—	—	—	1,575.8	1,686.7	W	6,967.4	W	8,495.6
North Carolina												
October 1995	—	—	—	—	—	—	675.9	800.9	W	8,633.8	W	9,124.9
September 1995	—	—	—	—	—	—	676.0	813.2	199.2	8,677.5	271.1	9,147.8
October 1994	—	—	—	—	—	—	669.5	730.8	W	7,941.8	W	8,533.1
South Carolina												
October 1995	—	—	—	—	—	—	829.8	875.0	W	4,043.4	W	4,212.3
September 1995	—	—	—	—	—	—	837.7	882.4	76.8	3,980.3	W	4,100.8
October 1994	—	—	—	—	—	—	842.1	883.1	W	3,831.4	W	4,017.3
Virginia												
October 1995	811.3	W	W	W	—	4,452.8	968.9	1,020.5	W	5,736.8	W	8,189.1
September 1995	837.9	882.8	2,105.3	2,138.3	—	4,243.6	1,003.3	1,051.8	2,230.4	5,543.3	W	7,865.2
October 1994	—	—	—	—	—	—	967.5	1,034.2	W	4,995.7	W	7,745.3
West Virginia												
October 1995	—	—	—	—	—	—	491.2	519.8	W	588.6	W	707.7
September 1995	—	—	—	—	—	—	489.6	517.0	89.7	553.6	W	680.6
October 1994	—	—	—	—	—	—	498.8	530.1	W	746.4	W	892.4
PAD District II												
October 1995	2,433.7	2,468.3	3,926.0	3,909.8	—	7,835.7	19,915.4	20,575.7	15,628.8	60,974.2	7,163.5	83,766.6
September 1995	2,422.3	2,454.5	3,858.2	3,786.9	—	7,645.1	19,558.1	20,172.2	15,772.2	60,270.1	7,636.2	83,678.5
October 1994	—	—	—	—	—	—	19,324.6	20,012.3	16,164.6	55,727.4	5,784.3	77,676.3
Illinois												
October 1995	1,695.9	1,701.3	W	W	—	4,819.5	2,949.5	2,963.5	3,529.0	6,339.0	1,869.4	11,737.4
September 1995	1,679.3	1,685.2	W	W	—	4,658.7	2,922.9	2,937.4	3,455.6	5,867.3	1,949.5	11,272.4
October 1994	—	—	—	—	—	—	2,689.5	2,705.6	3,621.9	5,321.1	1,112.2	10,055.2
Indiana												
October 1995	92.5	93.8	236.9	512.6	—	749.5	1,680.6	1,694.4	1,555.4	4,473.9	349.7	6,379.0
September 1995	106.7	107.8	247.3	464.4	—	711.7	1,651.2	1,665.7	1,582.2	4,292.6	377.3	6,252.2
October 1994	—	—	—	—	—	—	1,764.4	1,777.7	1,576.5	3,854.2	346.4	5,777.1
Iowa												
October 1995	—	—	—	—	—	—	254.6	261.4	W	3,570.7	W	3,842.2
September 1995	—	—	—	—	—	—	251.8	257.6	W	3,557.8	W	3,844.0
October 1994	—	—	—	—	—	—	251.3	256.5	W	W	—	3,700.7
Kansas												
October 1995	—	—	—	—	—	—	629.4	654.5	W	2,867.3	W	3,834.2
September 1995	—	—	—	—	—	—	630.7	653.4	W	2,682.3	911.5	3,755.5
October 1994	—	—	—	—	—	—	669.7	694.1	181.8	2,772.3	348.7	3,302.8
Kentucky												
October 1995	255.2	280.5	W	W	—	898.9	805.4	859.2	553.3	3,390.1	—	3,943.5
September 1995	246.9	268.8	211.0	W	—	W	784.7	835.2	574.2	3,283.3	—	3,857.4
October 1994	—	—	—	—	—	—	796.9	877.8	632.0	3,190.3	—	3,822.3
Michigan												
October 1995	—	—	—	—	—	—	2,974.0	3,118.3	W	6,086.3	W	9,805.5
September 1995	—	—	—	—	—	—	2,860.9	2,991.5	3,785.8	6,162.7	W	9,982.5
October 1994	—	—	—	—	—	—	2,915.8	3,056.4	3,686.4	5,796.9	—	9,483.3
Minnesota												
October 1995	—	—	—	—	—	—	1,233.8	1,259.2	W	4,152.1	W	4,920.0
September 1995	—	—	—	—	—	—	1,220.3	1,239.1	W	4,250.2	W	5,016.8
October 1994	—	—	—	—	—	—	1,263.3	1,285.7	W	3,799.2	W	4,534.0
Missouri												
October 1995	—	—	—	—	—	—	856.1	865.6	756.7	4,747.8	NA	5,567.0
September 1995	—	—	—	—	—	—	863.1	872.8	773.3	4,793.2	228.9	5,795.4
October 1994	—	—	—	—	—	—	931.7	950.0	W	4,485.9	W	5,601.3

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
Nebraska												
October 1995	175.4	178.3	162.5	W	W	2,152.0	—	—	—	—	—	—
September 1995	164.1	166.9	172.5	1,919.9	W	2,108.8	—	—	—	—	—	—
October 1994	154.8	156.6	161.2	1,851.7	—	2,012.9	—	—	—	—	—	—
North Dakota												
October 1995	9.4	9.8	W	W	—	1,022.2	—	—	—	—	—	—
September 1995	8.6	8.9	W	944.1	—	1,050.3	—	—	—	—	—	—
October 1994	12.4	12.9	W	W	—	958.7	—	—	—	—	—	—
Ohio												
October 1995	5,225.2	5,461.8	W	5,305.9	W	9,044.6	—	—	—	—	—	—
September 1995	5,087.1	5,334.0	3,219.5	5,146.8	W	8,541.0	—	—	—	—	—	—
October 1994	4,918.5	5,186.9	W	4,542.2	W	8,218.8	—	—	—	—	—	—
Oklahoma												
October 1995	807.4	892.1	W	3,469.4	W	6,495.4	—	—	—	—	—	—
September 1995	803.2	865.7	W	3,417.6	3,416.2	6,915.1	—	—	—	—	—	—
October 1994	812.6	850.1	W	3,261.7	W	6,166.0	—	—	—	—	—	—
South Dakota												
October 1995	19.3	19.4	54.6	1,077.3	—	1,131.9	—	—	—	—	—	—
September 1995	20.2	20.3	55.4	1,071.0	—	1,126.4	—	—	—	—	—	—
October 1994	23.1	23.2	55.0	W	W	1,138.0	—	—	—	—	—	—
Tennessee												
October 1995	1,489.7	1,526.2	W	7,753.9	W	8,430.1	—	—	—	—	—	—
September 1995	1,484.8	1,513.1	W	W	W	8,306.8	—	—	—	—	—	—
October 1994	1,310.5	1,358.2	W	6,911.3	W	7,694.5	—	—	—	—	—	—
Wisconsin												
October 1995	415.7	419.1	W	3,883.7	—	W	—	—	—	W	—	W
September 1995	414.9	417.8	W	4,251.3	—	W	—	—	—	W	—	W
October 1994	810.1	820.7	668.9	4,542.0	—	5,210.9	—	—	—	—	—	—
PAD District III												
October 1995	3,953.5	4,235.5	1,244.9	30,984.1	13,771.3	46,000.3	265.8	281.6	W	436.4	W	750.1
September 1995	4,188.8	4,457.5	1,336.2	30,256.0	18,697.4	50,289.6	W	175.9	W	196.9	W	796.1
October 1994	W	W	W	33,770.5	W	49,266.7	W	W	W	477.9	W	620.6
Alabama												
October 1995	362.4	406.5	W	4,790.5	W	5,037.2	—	—	—	—	—	—
September 1995	371.6	416.8	156.1	4,826.9	W	5,037.9	—	—	—	—	—	—
October 1994	385.5	424.5	W	4,702.0	W	4,958.0	—	—	—	—	—	—
Arkansas												
October 1995	283.2	292.7	W	3,381.2	W	3,731.8	—	—	—	—	—	—
September 1995	286.8	296.6	W	3,250.7	407.9	3,697.6	—	—	—	—	—	—
October 1994	299.1	309.2	W	W	W	3,837.5	—	—	—	—	—	—
Louisiana												
October 1995	671.3	W	575.8	4,312.5	W	W	—	—	—	—	—	—
September 1995	714.0	751.4	603.6	4,281.3	2,346.2	7,231.1	—	—	—	—	—	—
October 1994	698.7	725.0	604.4	3,904.9	1,842.9	6,352.2	—	—	—	—	—	—
Mississippi												
October 1995	104.4	126.0	18.8	W	W	3,664.1	—	—	—	—	—	—
September 1995	107.0	130.0	19.5	3,076.6	894.2	3,990.3	—	—	—	—	—	—
October 1994	102.6	129.6	24.6	3,083.2	916.7	4,024.5	—	—	—	—	—	—
New Mexico												
October 1995	NA	NA	W	W	—	W	W	W	74.8	W	—	W
September 1995	331.3	338.2	262.1	1,519.2	—	1,781.3	W	W	W	—	—	W
October 1994	W	W	200.5	W	W	1,810.8	W	W	W	W	—	170.1
Texas												
October 1995	W	2,400.7	244.3	13,633.2	11,599.8	25,477.4	W	W	W	W	W	W
September 1995	2,378.2	2,524.3	255.9	13,301.4	14,994.2	28,551.4	W	W	W	196.9	W	764.8
October 1994	5,371.3	5,593.7	W	W	W	28,283.6	275.5	290.8	W	W	W	450.5
PAD District IV												
October 1995	2,198.3	W	803.4	W	W	7,203.3	114.8	W	W	W	—	907.4
September 1995	2,350.7	2,423.8	972.3	7,162.3	W	8,180.7	W	W	—	W	—	W
October 1994	W	W	928.9	W	W	6,615.3	W	W	W	W	—	865.2
Colorado												
October 1995	W	1,643.6	W	1,842.5	W	2,097.7	W	113.9	92.9	758.2	—	851.1
September 1995	1,768.6	1,769.2	337.6	2,359.4	W	2,743.2	W	W	—	W	—	W
October 1994	W	W	338.8	1,696.8	—	2,035.6	W	W	313.2	514.3	—	827.5

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	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												
October 1995	-	-	-	-	-	-	175.4	178.3	162.5	W	W	2,152.0
September 1995	-	-	-	-	-	-	164.1	166.9	172.5	1,919.9	W	2,108.8
October 1994	-	-	-	-	-	-	154.8	156.6	161.2	1,851.7	-	2,012.9
North Dakota												
October 1995	-	-	-	-	-	-	9.4	9.8	W	W	-	1,022.2
September 1995	-	-	-	-	-	-	8.6	8.9	W	944.1	-	1,050.3
October 1994	-	-	-	-	-	-	12.4	12.9	W	W	-	958.7
Ohio												
October 1995	-	-	-	-	-	-	5,225.2	5,461.8	W	5,305.9	W	9,044.6
September 1995	-	-	-	-	-	-	5,087.1	5,334.0	3,219.5	5,146.8	W	8,541.0
October 1994	-	-	-	-	-	-	4,918.5	5,186.9	W	4,542.2	W	8,218.8
Oklahoma												
October 1995	-	-	-	-	-	-	807.4	892.1	W	3,469.4	W	6,495.4
September 1995	-	-	-	-	-	-	803.2	865.7	W	3,417.6	3,416.2	6,915.1
October 1994	-	-	-	-	-	-	812.6	850.1	W	3,261.7	W	6,166.0
South Dakota												
October 1995	-	-	-	-	-	-	19.3	19.4	54.6	1,077.3	-	1,131.9
September 1995	-	-	-	-	-	-	20.2	20.3	55.4	1,071.0	-	1,126.4
October 1994	-	-	-	-	-	-	23.1	23.2	55.0	W	W	1,138.0
Tennessee												
October 1995	-	-	-	-	-	-	1,489.7	1,526.2	W	7,753.9	W	8,430.1
September 1995	-	-	-	-	-	-	1,484.8	1,513.1	558.0	7,644.5	W	8,306.8
October 1994	-	-	-	-	-	-	1,310.5	1,358.2	W	6,911.3	W	7,694.5
Wisconsin												
October 1995	390.1	392.8	W	W	-	1,367.8	805.7	811.9	605.6	4,856.0	-	5,461.6
September 1995	389.5	392.7	W	W	-	W	804.3	810.5	617.3	5,236.7	-	5,854.0
October 1994	-	-	-	-	-	-	810.1	820.7	668.9	4,542.0	-	5,210.9
PAD District III												
October 1995	3,503.5	3,517.5	W	5,109.7	W	7,985.4	7,722.9	8,034.5	3,391.9	36,530.2	14,813.6	54,735.7
September 1995	3,552.4	3,567.6	1,968.2	5,362.0	778.7	8,108.9	7,909.9	8,200.9	3,363.3	35,814.9	20,016.4	59,194.6
October 1994	-	-	-	-	-	-	7,468.9	7,823.8	4,092.9	34,248.3	11,546.1	49,887.3
Alabama												
October 1995	-	-	-	-	-	-	362.4	406.5	W	4,790.5	W	5,037.2
September 1995	-	-	-	-	-	-	371.6	416.8	156.1	4,826.9	W	5,037.9
October 1994	-	-	-	-	-	-	385.5	424.5	W	4,702.0	W	4,958.0
Arkansas												
October 1995	-	-	-	-	-	-	283.2	292.7	W	3,381.2	W	3,731.8
September 1995	-	-	-	-	-	-	286.8	296.6	W	3,250.7	407.9	3,697.6
October 1994	-	-	-	-	-	-	299.1	309.2	W	3,720.2	W	3,837.5
Louisiana												
October 1995	-	W	-	-	W	W	671.3	709.6	575.8	4,312.5	1,583.7	6,472.0
September 1995	-	W	-	-	W	W	714.0	752.3	603.6	4,281.3	2,416.4	7,301.3
October 1994	-	-	-	-	-	-	698.7	725.0	604.4	3,904.9	1,842.9	6,352.2
Mississippi												
October 1995	-	-	-	-	-	-	104.4	126.0	18.8	W	W	3,664.1
September 1995	-	-	-	-	-	-	107.0	130.0	19.5	3,076.6	894.2	3,990.3
October 1994	-	-	-	-	-	-	102.6	129.6	24.6	3,083.2	916.7	4,024.5
New Mexico												
October 1995	-	-	-	-	-	-	442.4	451.3	W	W	-	1,908.1
September 1995	-	-	-	-	-	-	459.6	466.5	293.3	1,519.2	-	1,812.6
October 1994	-	-	-	-	-	-	336.2	351.1	W	1,636.5	W	1,980.9
Texas												
October 1995	3,503.5	W	W	W	W	W	5,859.2	6,048.4	2,316.5	19,099.4	12,506.7	33,922.6
September 1995	3,552.4	3,566.7	1,968.2	5,362.0	708.4	8,038.7	5,971.0	6,138.6	2,251.8	18,860.3	16,242.9	37,355.0
October 1994	-	-	-	-	-	-	5,646.8	5,884.5	2,977.1	17,201.6	8,555.5	28,734.1
PAD District IV												
October 1995	-	-	-	-	-	-	2,313.1	2,398.1	W	7,170.4	W	8,110.6
September 1995	-	-	-	-	-	-	2,355.4	2,428.5	972.3	7,599.1	W	8,617.5
October 1994	-	-	-	-	-	-	2,098.2	2,144.4	W	6,224.7	W	7,480.5
Colorado												
October 1995	-	-	-	-	-	-	1,756.3	1,757.6	W	2,600.7	W	2,948.8
September 1995	-	-	-	-	-	-	1,773.3	1,773.9	337.6	2,796.2	W	3,180.0
October 1994	-	-	-	-	-	-	1,645.3	1,650.6	652.0	2,211.1	-	2,863.1

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												
October 1995	NA	NA	162.5	1,158.1	—	1,320.6	—	—	—	—	—	—
September 1995	53.4	71.6	184.0	1,210.4	—	1,394.4	—	—	—	—	—	—
October 1994	W	W	178.1	949.5	—	1,127.6	—	—	—	—	—	—
Montana												
October 1995	W	18.8	W	W	—	1,281.2	—	—	W	W	—	27.9
September 1995	W	20.5	W	1,335.1	—	1,352.3	—	—	—	—	—	—
October 1994	W	W	W	W	W	W	—	W	—	W	—	W
Utah												
October 1995	W	W	373.7	W	W	1,885.1	W	W	—	28.4	—	28.4
September 1995	431.5	476.6	406.0	1,626.5	—	2,032.5	—	—	—	—	—	—
October 1994	W	W	391.5	1,256.3	W	W	W	W	W	18.0	—	W
Wyoming												
October 1995	70.8	73.5	19.4	599.3	—	618.6	—	—	—	—	—	—
September 1995	78.7	85.9	27.5	630.8	—	658.3	—	—	—	—	—	—
October 1994	64.2	72.7	W	601.2	W	624.2	—	—	—	—	—	—
PAD District V												
October 1995	1,761.2	1,894.3	W	W	W	11,705.0	4,007.8	4,104.4	11,732.7	W	W	19,267.7
September 1995	6,044.1	6,258.1	12,883.4	12,259.8	2,735.2	27,878.4	477.3	482.1	1,454.0	853.7	W	3,210.5
October 1994	2,678.1	2,804.5	W	W	2,105.5	14,548.5	7,038.2	7,140.8	23,230.8	W	W	32,883.1
Alaska												
October 1995	W	241.0	38.1	245.0	—	283.2	W	15.3	W	W	—	97.0
September 1995	228.0	W	71.3	266.6	97.9	435.8	W	W	W	—	—	W
October 1994	218.1	233.4	W	224.8	W	350.5	—	—	—	—	—	—
Arizona												
October 1995	199.0	213.1	230.3	W	W	W	1,015.9	1,024.5	W	W	—	2,067.3
September 1995	1,228.3	1,242.8	1,473.5	1,362.4	W	2,899.5	94.1	94.6	166.9	58.6	—	225.5
October 1994	42.5	54.1	279.8	W	W	1,511.5	1,030.3	1,038.3	1,290.7	144.9	—	1,435.6
California												
October 1995	379.9	380.9	W	W	1,472.6	1,939.0	2,085.8	2,157.7	W	4,513.5	W	13,106.5
September 1995	W	W	7,218.0	5,138.0	1,831.6	14,187.6	W	W	W	64.0	W	1,306.5
October 1994	1,251.9	1,258.7	W	1,981.4	W	4,785.3	5,364.8	5,449.5	W	6,991.1	W	28,090.3
Hawaii												
October 1995	181.0	253.4	633.9	95.1	—	729.0	—	—	—	—	—	—
September 1995	183.2	255.3	636.6	95.0	—	731.6	—	—	—	—	—	—
October 1994	177.0	251.3	620.6	102.6	—	723.2	—	—	—	—	—	—
Nevada												
October 1995	W	NA	W	W	W	W	W	137.2	873.5	369.2	—	1,242.6
September 1995	155.3	162.4	615.2	740.9	243.4	1,599.5	63.1	66.1	307.7	179.1	—	486.8
October 1994	W	5.3	W	461.6	W	650.3	W	127.4	W	W	—	1,356.2
Oregon												
October 1995	234.6	245.7	584.9	1,657.9	506.1	2,748.8	201.8	203.4	498.7	143.3	—	642.0
September 1995	399.8	413.0	954.0	1,715.9	314.2	2,984.1	W	W	W	—	—	W
October 1994	W	308.8	710.8	W	W	2,674.0	W	89.5	W	W	—	555.3
Washington												
October 1995	537.3	549.2	1,110.7	2,622.4	157.4	3,890.5	564.7	566.4	1,288.3	824.0	—	2,112.3
September 1995	W	1,121.3	1,914.8	2,940.9	184.6	5,040.2	W	W	W	552.1	—	1,015.6
October 1994	688.4	692.8	1,397.9	2,318.6	137.3	3,853.7	434.2	436.3	1,136.7	309.0	—	1,445.7

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												
October 1995	-	-	-	-	-	-	NA	NA	162.5	1,158.1	-	1,320.6
September 1995	-	-	-	-	-	-	53.4	71.6	184.0	1,210.4	-	1,394.4
October 1994	-	-	-	-	-	-	W	W	178.1	949.5	-	1,127.6
Montana												
October 1995	-	-	-	-	-	-	W	18.8	W	W	-	1,309.0
September 1995	-	-	-	-	-	-	W	20.5	W	1,335.1	-	1,352.3
October 1994	-	-	-	-	-	-	W	W	W	1,188.6	W	1,189.9
Utah												
October 1995	-	-	-	-	-	-	418.2	479.6	373.7	W	W	1,913.5
September 1995	-	-	-	-	-	-	431.5	476.6	406.0	1,626.5	-	2,032.5
October 1994	-	-	-	-	-	-	370.8	394.8	W	1,274.3	W	1,675.8
Wyoming												
October 1995	-	-	-	-	-	-	70.8	73.5	19.4	599.3	-	618.6
September 1995	-	-	-	-	-	-	78.7	85.9	27.5	630.8	-	658.3
October 1994	-	-	-	-	-	-	64.2	72.7	W	601.2	W	624.2
PAD District V												
October 1995	4,168.7	4,201.8	W	W	W	17,017.1	9,937.7	10,200.5	W	15,517.7	W	47,989.8
September 1995	4,618.8	4,654.4	13,342.4	2,174.4	1,824.2	17,341.0	11,140.2	11,394.7	27,679.7	15,287.9	5,462.3	48,429.9
October 1994	-	-	-	-	-	-	9,716.3	9,945.2	W	15,617.3	W	47,431.5
Alaska												
October 1995	-	-	-	-	-	-	229.6	256.3	W	W	-	380.2
September 1995	-	-	-	-	-	-	235.4	265.7	133.2	266.6	97.9	497.7
October 1994	-	-	-	-	-	-	218.1	233.4	W	224.8	W	350.5
Arizona												
October 1995	-	-	W	-	-	W	1,215.0	1,237.6	1,753.0	1,553.1	126.5	3,432.6
September 1995	-	-	-	-	-	-	1,322.3	1,337.4	1,640.4	1,420.9	W	3,125.0
October 1994	-	-	-	-	-	-	1,072.8	1,092.4	1,570.5	W	W	2,947.1
California												
October 1995	4,168.7	4,201.8	13,308.5	W	W	16,986.6	6,634.5	6,740.5	20,831.0	7,449.3	3,751.8	32,032.1
September 1995	4,618.8	4,654.4	13,342.4	2,174.4	1,824.2	17,341.0	7,398.7	7,504.8	20,900.0	7,376.4	4,558.6	32,835.1
October 1994	-	-	-	-	-	-	6,616.7	6,708.1	20,859.0	8,972.5	3,044.0	32,875.5
Hawaii												
October 1995	-	-	-	-	-	-	181.0	253.4	633.9	95.1	-	729.0
September 1995	-	-	-	-	-	-	183.2	255.3	636.6	95.0	-	731.6
October 1994	-	-	-	-	-	-	177.0	251.3	620.6	102.6	-	723.2
Nevada												
October 1995	-	-	W	-	-	W	139.1	148.1	917.9	W	W	2,022.4
September 1995	-	-	-	-	-	-	218.4	228.5	923.0	920.0	243.4	2,086.3
October 1994	-	-	-	-	-	-	123.2	132.7	1,115.5	W	W	2,006.5
Oregon												
October 1995	-	-	-	-	-	-	436.5	449.1	1,083.6	1,801.2	506.1	3,390.9
September 1995	-	-	-	-	-	-	476.4	489.6	1,068.2	1,715.9	314.2	3,098.3
October 1994	-	-	-	-	-	-	386.1	398.3	W	1,729.6	W	3,229.3
Washington												
October 1995	-	-	-	-	-	-	1,102.1	1,115.5	2,399.0	3,446.3	157.4	6,002.7
September 1995	-	-	-	-	-	-	1,305.7	1,313.4	2,378.3	3,492.9	184.6	6,055.8
October 1994	-	-	-	-	-	-	1,122.5	1,129.1	2,534.6	2,627.6	137.3	5,299.5

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

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										
October 1995	225.9	595.7	46,367.4	11,057.1	654.6	2,002.9	232.3	1,637.8	2,941.6	29,876.7
September 1995	242.7	692.8	45,404.6	10,234.5	544.0	1,797.8	160.1	990.5	2,994.2	27,989.8
October 1994	225.2	616.1	46,084.7	9,577.2	479.2	2,169.1	265.3	1,719.3	2,274.0	32,574.9
PAD District I										
October 1995	80.2	114.1	13,034.4	2,044.3	88.2	1,176.3	W	5.2	65.3	3,496.2
September 1995	80.3	124.7	12,600.4	1,940.4	103.8	1,066.7	2.1	4.3	69.3	3,718.7
October 1994	89.4	130.1	13,394.5	1,614.1	131.2	1,424.1	W	40.2	72.7	4,465.2
Subdistrict IA										
October 1995	W	13.7	1,043.2	103.7	4.1	140.2	W	0.5	W	78.2
September 1995	W	W	966.2	107.5	3.3	90.7	W	W	W	54.4
October 1994	W	W	1,217.0	84.5	2.6	156.1	2.1	2.2	W	106.8
Connecticut										
October 1995	W	2.4	272.6	16.7	W	W	W	W	W	16.0
September 1995	W	W	195.9	14.9	W	W	W	W	W	W
October 1994	W	W	W	12.3	W	21.6	W	W	W	17.0
Maine										
October 1995	W	W	W	11.6	W	103.4	W	0.3	W	11.7
September 1995	W	W	W	7.7	W	58.9	W	W	W	9.0
October 1994	W	W	W	18.4	W	65.0	W	1.2	W	11.5
Massachusetts										
October 1995	W	W	608.7	66.0	1.8	15.2	W	W	W	W
September 1995	W	W	620.1	79.7	2.5	14.9	W	W	W	6.3
October 1994	W	W	684.2	48.3	1.6	51.5	NA	W	W	W
New Hampshire										
October 1995	W	W	W	5.1	W	W	W	W	W	21.9
September 1995	W	W	W	2.1	W	W	W	W	W	W
October 1994	W	W	W	W	W	W	W	W	W	40.3
Rhode Island										
October 1995	W	W	47.1	2.9	W	W	W	W	W	W
September 1995	W	W	42.3	2.6	W	W	W	W	W	W
October 1994	W	W	53.8	2.4	W	W	W	W	W	W
Vermont										
October 1995	W	W	11.4	1.5	W	W	W	W	W	19.8
September 1995	W	W	10.8	W	W	W	W	W	W	12.7
October 1994	W	W	9.0	W	W	9.3	W	W	W	15.3
Subdistrict IB										
October 1995	W	23.5	6,813.7	1,136.8	72.7	491.8	1.4	4.0	W	1,343.7
September 1995	23.7	30.1	6,436.4	1,025.3	91.7	529.3	1.1	2.9	W	1,402.4
October 1994	W	W	6,370.3	939.7	111.2	592.5	1.4	W	W	1,797.6
Delaware										
October 1995	W	W	2.5	W	W	W	W	W	W	W
September 1995	W	W	W	W	W	W	W	W	W	W
October 1994	W	W	0.9	W	W	W	W	W	W	W
District of Columbia										
October 1995	W	W	W	W	W	W	W	W	W	W
September 1995	W	W	W	W	W	W	W	W	W	W
October 1994	W	W	W	W	W	W	W	W	W	W
Maryland										
October 1995	W	W	396.5	W	W	W	W	W	W	W
September 1995	W	W	392.1	4.2	1.3	28.9	W	W	W	24.9
October 1994	W	W	276.5	W	4.7	W	W	W	W	W
New Jersey										
October 1995	5.6	8.9	4,788.8	673.1	10.4	146.3	W	W	W	397.9
September 1995	W	18.4	4,190.3	638.3	W	205.4	W	W	W	478.4
October 1994	W	12.8	4,579.9	606.8	W	81.8	W	W	W	516.2
New York										
October 1995	W	6.2	728.2	184.3	45.4	140.7	W	2.9	W	224.2
September 1995	W	W	733.7	153.8	W	125.7	W	1.4	W	220.9
October 1994	W	8.9	496.0	96.1	40.8	137.7	W	W	W	293.9
Pennsylvania										
October 1995	7.2	5.5	897.8	261.9	8.5	150.7	W	W	W	618.4
September 1995	7.8	3.9	1,117.4	225.4	8.8	169.3	W	1.2	W	619.7
October 1994	W	10.4	1,017.0	217.7	12.4	309.6	W	1.3	W	781.9

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
Subdistrict IC										
October 1995	47.6	76.9	5,177.5	803.8	11.3	544.3	W	0.7	59.9	2,074.3
September 1995	44.3	76.6	5,197.7	807.6	8.7	446.6	W	W	65.6	2,261.9
October 1994	52.9	77.6	5,807.1	590.0	17.4	675.5	W	W	69.7	2,560.8
Florida										
October 1995	22.6	30.4	2,239.2	177.6	W	37.1	—	—	W	485.3
September 1995	22.8	34.8	2,073.9	175.1	0.1	23.5	—	—	W	455.1
October 1994	28.2	33.2	2,696.8	176.9	W	29.4	—	—	W	493.9
Georgia										
October 1995	5.9	18.8	1,492.3	397.5	0.9	37.3	—	—	W	451.4
September 1995	5.3	16.9	1,571.1	418.9	0.3	26.1	—	W	—	454.5
October 1994	6.4	17.8	1,491.6	277.1	1.3	37.2	—	—	—	520.3
North Carolina										
October 1995	W	14.8	409.8	154.1	W	226.5	—	W	29.4	561.3
September 1995	6.7	13.7	411.6	139.0	W	191.9	—	—	W	668.7
October 1994	5.7	W	338.6	54.5	W	309.8	—	—	W	824.2
South Carolina										
October 1995	W	6.3	W	W	1.9	107.6	—	—	W	348.4
September 1995	1.6	7.0	70.6	25.4	1.2	95.9	—	—	W	376.3
October 1994	W	W	W	W	1.9	137.9	—	—	W	439.8
Virginia										
October 1995	W	4.8	950.9	48.6	0.9	124.4	—	W	W	W
September 1995	W	W	1,056.2	46.7	W	103.2	—	—	W	286.8
October 1994	W	8.4	1,172.4	65.8	1.4	144.7	W	W	W	W
West Virginia										
October 1995	W	1.9	W	W	2.4	11.4	W	W	—	W
September 1995	W	0.9	W	W	2.1	6.0	W	W	—	W
October 1994	W	W	W	W	4.2	16.5	W	W	—	W
PAD District II										
October 1995	80.0	150.9	8,975.9	1,216.2	NA	531.5	173.0	950.5	1,159.1	11,277.8
September 1995	77.6	170.1	9,146.3	1,086.7	W	518.7	125.3	521.0	828.8	10,205.8
October 1994	69.4	163.8	9,001.6	956.7	154.5	484.0	161.0	1,116.1	W	13,381.6
Illinois										
October 1995	W	W	1,863.9	165.9	3.2	99.0	W	52.3	W	1,183.0
September 1995	W	W	1,856.0	88.7	2.1	21.0	W	25.4	W	1,546.9
October 1994	W	W	1,533.4	92.5	4.8	17.4	W	57.5	W	2,240.2
Indiana										
October 1995	W	14.8	1,751.7	165.2	W	41.9	W	32.1	W	508.8
September 1995	W	19.6	1,712.0	142.0	W	118.3	1.7	18.8	W	640.8
October 1994	2.9	20.5	1,714.1	123.3	2.7	37.8	W	47.5	W	893.6
Iowa										
October 1995	W	W	70.1	18.5	—	2.0	2.2	78.7	W	829.8
September 1995	W	W	89.8	14.6	—	3.5	1.6	55.3	W	448.5
October 1994	W	7.2	52.7	20.3	—	3.2	W	80.6	W	1,078.9
Kansas										
October 1995	W	11.6	128.3	W	—	4.5	2.7	222.9	36.5	3,118.5
September 1995	W	11.6	W	W	—	5.8	1.6	38.1	W	2,512.4
October 1994	W	11.0	W	W	—	4.3	0.3	124.0	W	3,014.8
Kentucky										
October 1995	1.9	4.3	431.1	136.2	W	48.8	W	W	W	474.6
September 1995	3.0	4.9	567.2	64.9	W	45.3	W	W	W	623.1
October 1994	2.4	W	474.8	90.8	W	52.3	W	W	—	523.3
Michigan										
October 1995	W	W	753.8	65.7	2.1	67.8	W	25.7	W	529.9
September 1995	W	W	911.1	56.8	1.2	69.3	W	22.4	W	515.8
October 1994	W	W	974.1	49.5	2.1	71.2	W	198.9	W	650.1
Minnesota										
October 1995	W	W	1,035.9	109.4	W	14.2	9.8	125.6	W	1,344.9
September 1995	W	W	904.0	125.2	W	18.4	W	81.7	W	704.1
October 1994	W	13.2	887.9	69.2	W	19.2	W	103.2	W	1,512.5
Missouri										
October 1995	1.2	14.7	389.4	59.0	—	8.3	W	16.9	—	604.5
September 1995	1.3	14.4	363.5	64.9	—	5.1	W	13.5	—	809.6
October 1994	W	14.0	402.6	39.5	W	7.9	W	22.4	—	587.5

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene		No. 1 Distillate		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Nebraska										
October 1995	W	6.6	92.8	18.8	—	W	0.7	78.1	W	272.3
September 1995	W	6.4	75.2	15.5	—	3.2	W	59.0	W	280.2
October 1994	W	W	81.9	15.2	—	1.0	W	81.2	W	345.5
North Dakota										
October 1995	W	W	18.3	7.2	—	1.0	W	80.2	W	214.7
September 1995	W	W	18.1	10.5	—	W	W	52.1	W	176.3
October 1994	W	W	20.6	6.0	W	W	W	76.4	W	252.8
Ohio										
October 1995	W	23.1	1,054.9	165.6	10.6	110.9	0.7	9.9	W	827.4
September 1995	W	26.1	1,038.0	170.3	12.3	125.2	W	12.2	W	651.4
October 1994	W	22.0	1,042.6	85.2	14.4	133.6	W	27.7	W	815.8
Oklahoma										
October 1995	W	12.4	421.7	192.7	W	W	0.7	21.2	W	502.7
September 1995	W	14.0	500.5	217.0	—	0.2	—	18.0	W	593.0
October 1994	W	8.9	889.5	207.7	W	2.6	W	91.7	W	521.0
South Dakota										
October 1995	W	W	17.5	W	—	2.0	W	92.0	W	167.8
September 1995	W	W	19.6	W	—	1.8	W	52.0	W	127.2
October 1994	W	W	W	W	—	W	W	81.2	W	221.7
Tennessee										
October 1995	7.3	13.3	803.4	48.7	3.3	123.0	—	W	—	172.2
September 1995	6.5	11.2	808.6	42.9	0.3	92.3	—	W	—	150.3
October 1994	6.3	12.4	767.1	37.1	4.0	128.2	—	W	—	193.8
Wisconsin										
October 1995	W	W	143.2	34.7	W	7.4	W	113.5	W	526.5
September 1995	W	W	158.6	40.1	W	8.4	W	71.1	W	426.2
October 1994	W	15.8	90.9	93.2	W	3.4	2.4	117.4	W	530.1
PAD District III										
October 1995	24.7	118.4	9,395.6	5,509.6	W	203.7	W	104.5	1,526.1	12,449.7
September 1995	30.4	116.3	8,386.9	4,776.1	W	156.1	—	59.8	1,902.0	11,594.2
October 1994	22.9	118.7	8,264.8	4,542.5	W	189.9	W	114.1	1,055.8	12,051.0
Alabama										
October 1995	4.0	10.2	128.5	27.9	W	18.9	—	—	W	317.5
September 1995	3.9	8.9	129.9	31.0	W	14.0	—	—	W	326.3
October 1994	4.0	8.8	126.8	W	W	19.1	—	W	W	383.3
Arkansas										
October 1995	W	11.8	68.9	24.7	—	W	—	—	W	202.6
September 1995	W	9.2	66.8	29.1	—	10.7	—	—	W	234.5
October 1994	W	W	64.9	33.8	—	23.5	—	W	W	204.8
Louisiana										
October 1995	W	7.9	2,577.9	1,078.1	W	43.4	—	—	779.5	1,011.4
September 1995	W	8.5	2,397.8	1,270.5	W	77.6	—	—	985.9	1,133.2
October 1994	W	5.0	1,695.7	912.1	W	87.5	—	W	W	788.5
Mississippi										
October 1995	W	W	681.1	867.9	W	W	—	—	W	687.5
September 1995	W	8.1	617.0	191.8	W	W	—	—	W	728.6
October 1994	W	3.5	755.0	W	W	W	—	—	W	772.5
New Mexico										
October 1995	W	W	145.4	NA	—	W	—	10.6	—	464.6
September 1995	W	W	176.1	32.3	—	1.5	—	2.9	W	444.7
October 1994	W	W	149.5	37.7	—	W	W	13.5	W	450.5
Texas										
October 1995	10.5	75.4	5,793.8	3,470.3	W	22.0	W	93.9	642.0	9,766.1
September 1995	12.8	70.7	4,999.3	3,221.4	W	15.0	—	56.9	809.2	8,726.9
October 1994	10.1	84.7	5,472.9	3,148.7	W	20.6	W	100.1	566.1	9,451.5
PAD District IV										
October 1995	10.3	25.0	1,240.5	148.8	W	11.9	19.0	217.0	W	1,027.9
September 1995	12.3	34.6	1,234.9	126.6	—	10.2	1.5	90.4	31.1	926.7
October 1994	7.2	24.5	1,131.7	82.8	W	13.5	37.3	213.1	31.7	949.8
Colorado										
October 1995	3.0	12.3	612.0	65.4	—	6.9	W	66.0	W	290.2
September 1995	3.0	16.3	610.5	74.1	—	7.0	—	20.9	W	301.6
October 1994	1.5	11.6	655.2	52.7	—	8.2	W	75.2	NA	310.3

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										
October 1995	W	W	57.9	13.7	—	W	W	24.1	W	W
September 1995	W	W	W	20.1	—	W	W	11.1	W	W
October 1994	W	W	48.7	6.6	—	W	W	18.5	W	W
Montana										
October 1995	W	W	85.5	W	—	1.2	2.4	58.3	W	120.4
September 1995	W	W	57.5	7.9	—	0.1	W	31.9	W	188.2
October 1994	W	W	50.7	W	—	2.4	W	54.5	W	155.1
Utah										
October 1995	W	7.0	479.5	17.9	—	W	W	21.1	W	W
September 1995	W	11.3	505.8	20.3	—	W	W	9.7	W	88.3
October 1994	W	7.6	370.2	14.5	—	W	2.1	25.9	W	W
Wyoming										
October 1995	W	W	5.6	W	W	W	8.2	47.5	4.9	500.1
September 1995	W	W	6.1	W	—	W	0.7	16.9	W	336.5
October 1994	W	W	7.0	W	W	0.5	7.5	38.9	W	353.5
PAD District V										
October 1995	30.7	187.3	13,721.0	2,138.1	W	79.5	37.8	360.6	W	1,625.1
September 1995	42.0	247.0	14,036.1	2,304.7	W	46.1	31.2	314.9	W	1,544.5
October 1994	36.3	179.1	14,292.2	2,381.0	—	57.5	39.8	235.9	W	1,727.4
Alaska										
October 1995	W	27.1	1,662.7	117.1	—	W	29.2	303.3	W	W
September 1995	W	56.9	1,685.1	241.4	—	W	26.7	288.9	W	W
October 1994	W	21.4	1,720.4	137.5	—	—	37.4	178.4	W	W
Arizona										
October 1995	W	17.2	567.7	77.9	W	W	W	W	W	7.1
September 1995	4.0	14.7	521.3	99.9	—	—	—	W	W	W
October 1994	W	13.5	641.7	68.4	—	W	—	W	—	20.9
California										
October 1995	14.1	106.5	8,241.8	1,292.5	W	26.7	—	W	W	1,051.1
September 1995	16.3	112.1	8,503.2	1,338.4	W	12.2	—	W	W	1,060.6
October 1994	15.5	96.3	8,560.6	1,581.2	—	25.6	—	W	W	1,302.4
Hawaii										
October 1995	W	W	566.6	W	—	—	—	W	W	W
September 1995	W	W	724.7	285.7	—	—	—	W	W	W
October 1994	W	W	777.7	W	—	—	—	—	W	W
Nevada										
October 1995	W	5.5	716.5	99.5	—	W	W	2.4	—	46.8
September 1995	W	6.6	601.1	99.0	—	W	W	W	—	W
October 1994	W	7.4	627.6	77.2	—	—	W	4.5	W	73.5
Oregon										
October 1995	—	W	446.8	W	—	20.4	W	13.8	W	14.7
September 1995	W	W	509.5	39.7	—	10.9	W	12.8	W	10.0
October 1994	W	17.7	450.4	W	—	W	W	17.3	W	W
Washington										
October 1995	W	W	1,518.8	115.3	—	30.9	4.1	38.7	NA	423.0
September 1995	W	W	1,491.1	200.5	—	22.5	W	12.1	W	333.6
October 1994	W	W	1,513.8	270.2	—	16.0	1.5	27.4	—	253.2

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										
October 1995	14,789.6	69,644.1	7,174.4	14,927.4	21,964.0	84,571.5	3,136.8	25,640.2	25,100.8	110,211.7
September 1995	14,522.6	67,087.7	7,547.1	15,054.3	22,069.8	82,142.0	2,902.8	24,443.3	24,972.6	106,585.3
October 1994	13,160.9	61,301.6	7,201.3	14,362.0	20,362.1	75,663.7	3,862.5	28,219.3	24,224.7	103,883.0
PAD District I										
October 1995	4,896.2	16,604.1	1,429.3	1,811.5	6,325.4	18,415.6	1,144.2	13,422.6	7,469.6	31,838.2
September 1995	4,684.5	15,094.7	1,444.4	1,733.9	6,128.9	16,828.7	1,049.0	11,997.2	7,177.9	28,825.9
October 1994	4,343.6	14,234.8	1,321.5	1,645.5	5,665.1	15,880.3	1,355.2	14,618.9	7,020.3	30,499.2
Subdistrict IA										
October 1995	W	1,293.5	W	28.3	316.4	1,321.7	126.0	2,093.7	442.3	3,415.4
September 1995	269.7	1,512.2	W	12.0	289.6	1,524.2	103.9	2,202.2	393.5	3,726.4
October 1994	W	1,737.3	W	5.5	243.0	1,742.7	104.1	2,590.0	347.1	4,332.8
Connecticut										
October 1995	W	463.8	W	-	124.5	463.8	W	674.7	133.7	1,138.5
September 1995	112.4	611.0	W	-	114.2	611.0	8.6	789.1	122.8	1,400.1
October 1994	W	W	W	W	92.2	433.6	W	949.7	103.0	1,383.3
Maine										
October 1995	W	171.4	-	-	W	171.4	W	373.9	11.5	545.3
September 1995	12.7	165.5	-	W	12.7	166.3	W	250.2	13.8	416.5
October 1994	W	230.6	W	-	16.7	230.6	W	264.9	17.2	495.5
Massachusetts										
October 1995	W	W	W	W	131.7	426.1	94.7	663.4	226.4	1,089.5
September 1995	114.8	446.4	W	4.1	130.9	450.5	77.7	769.4	208.6	1,219.9
October 1994	W	704.9	W	4.8	106.6	709.7	70.8	653.3	177.4	1,363.0
New Hampshire										
October 1995	11.6	49.5	-	-	11.6	49.5	W	W	24.2	100.9
September 1995	12.4	104.8	-	-	12.4	104.8	W	W	21.0	170.7
October 1994	W	W	W	W	12.2	216.9	W	W	24.9	265.2
Rhode Island										
October 1995	20.0	W	-	W	20.0	190.7	7.9	313.1	27.8	503.8
September 1995	13.1	153.4	-	W	13.1	160.4	5.8	308.2	18.9	468.7
October 1994	W	W	-	W	W	127.9	5.8	645.8	14.5	773.7
Vermont										
October 1995	14.5	20.2	W	-	W	20.2	W	W	18.6	37.4
September 1995	4.4	31.1	W	-	6.3	31.1	W	19.3	8.4	50.4
October 1994	W	24.0	W	-	W	24.0	W	W	10.0	52.0
Subdistrict IB										
October 1995	W	7,531.5	W	437.8	1,950.2	7,969.3	519.9	8,468.7	2,470.0	16,438.0
September 1995	1,593.7	6,534.9	274.8	436.5	1,868.5	6,971.4	457.9	7,047.3	2,326.5	14,018.7
October 1994	W	5,551.5	W	619.6	1,980.3	6,171.1	614.2	8,663.0	2,594.5	14,834.1
Delaware										
October 1995	W	W	W	W	20.0	W	W	W	26.6	W
September 1995	14.0	W	W	W	14.5	W	W	W	20.4	W
October 1994	24.6	W	W	W	W	W	W	W	W	W
District of Columbia										
October 1995	W	W	W	-	9.3	W	W	W	50.1	W
September 1995	3.9	5.5	-	-	3.9	5.5	W	W	W	28.3
October 1994	W	W	-	-	W	W	W	W	W	W
Maryland										
October 1995	225.5	484.6	9.0	125.0	234.5	609.6	99.1	357.0	333.6	966.6
September 1995	204.2	450.6	9.9	100.9	214.1	551.5	57.4	242.6	271.5	794.1
October 1994	199.7	507.5	85.8	55.3	285.5	562.8	77.9	516.6	363.5	1,079.4
New Jersey										
October 1995	377.1	3,352.6	119.4	137.3	496.5	3,490.0	96.2	3,801.8	592.6	7,291.8
September 1995	370.2	2,277.8	120.6	150.4	490.8	2,428.2	91.9	3,038.8	582.7	5,467.0
October 1994	410.0	1,547.0	100.4	390.0	510.4	1,937.0	122.4	3,843.8	632.8	5,780.8
New York										
October 1995	306.4	W	19.7	W	326.1	1,130.9	150.0	2,006.8	476.1	3,137.7
September 1995	292.1	1,170.5	27.8	13.3	319.9	1,183.8	137.0	1,462.1	456.9	2,645.9
October 1994	292.2	W	23.2	W	315.5	994.7	189.3	1,834.8	504.7	2,829.5
Pennsylvania										
October 1995	742.2	2,297.7	121.6	159.5	863.8	2,457.2	127.0	2,079.8	990.8	4,537.0
September 1995	709.2	2,370.9	116.1	171.7	825.3	2,542.5	136.5	1,992.3	961.8	4,534.8
October 1994	685.5	2,207.5	154.7	158.3	840.2	2,365.7	173.5	2,285.5	1,013.7	4,651.2

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										
October 1995	2,915.9	7,779.2	1,143.0	1,345.4	4,058.9	9,124.5	498.3	2,860.2	4,557.2	11,984.8
September 1995	2,821.1	7,047.7	1,149.7	1,285.4	3,970.8	8,333.1	487.1	2,747.8	4,457.9	11,080.9
October 1994	2,502.9	6,946.0	938.9	1,020.5	3,441.8	7,966.5	636.9	3,365.8	4,078.7	11,332.2
Florida										
October 1995	923.4	2,143.6	624.3	442.1	1,547.7	2,585.7	W	514.1	1,620.7	3,099.8
September 1995	872.3	1,834.3	535.6	381.2	1,407.9	2,215.5	13.5	545.6	1,421.4	2,761.1
October 1994	798.6	1,757.5	366.1	299.6	1,164.7	2,057.1	71.5	597.3	1,236.2	2,654.4
Georgia										
October 1995	845.3	1,702.3	128.3	238.8	973.5	1,941.1	W	433.8	1,117.2	2,374.9
September 1995	911.0	1,456.2	179.6	193.3	1,090.5	1,649.4	W	465.2	1,257.2	2,114.6
October 1994	699.1	1,529.4	159.4	132.4	858.5	1,661.7	71.9	630.6	930.4	2,292.4
North Carolina										
October 1995	443.8	1,565.5	57.0	318.9	500.8	1,884.4	178.0	731.4	678.8	2,615.8
September 1995	395.7	1,495.6	70.0	320.3	465.8	1,815.8	168.6	609.5	634.4	2,425.3
October 1994	368.0	1,346.8	54.5	303.8	422.5	1,650.6	225.6	757.0	648.1	2,407.6
South Carolina										
October 1995	281.8	W	19.4	W	301.1	840.8	24.2	255.7	325.4	1,096.5
September 1995	281.9	654.1	21.1	106.9	303.0	761.0	32.8	251.7	335.8	1,012.7
October 1994	W	W	W	W	354.9	677.0	W	283.5	405.8	960.5
Virginia										
October 1995	317.9	1,328.8	173.1	206.3	491.0	1,535.1	31.8	651.2	522.8	2,186.3
September 1995	260.9	1,261.8	175.5	246.1	436.4	1,507.9	33.1	636.5	469.5	2,144.4
October 1994	196.7	1,384.5	171.8	162.1	368.5	1,546.7	102.4	880.2	470.8	2,426.9
West Virginia										
October 1995	103.7	W	141.1	W	244.8	337.4	47.6	274.1	292.4	611.5
September 1995	99.3	345.7	168.0	W	267.2	383.5	72.4	239.3	339.6	622.7
October 1994	W	W	W	W	272.9	373.3	W	217.2	387.4	590.5
PAD District II										
October 1995	5,718.7	22,034.5	1,909.6	3,790.9	7,628.3	25,825.4	1,743.1	8,654.2	9,371.4	34,479.6
September 1995	5,527.6	21,017.5	1,806.3	3,522.8	7,333.9	24,540.3	1,582.3	7,872.6	8,916.1	32,412.9
October 1994	4,992.9	20,126.9	1,772.3	3,871.0	6,765.3	23,998.0	2,122.4	8,449.2	8,887.6	32,447.2
Illinois										
October 1995	560.2	2,005.6	78.8	494.4	638.9	2,500.0	W	1,784.6	774.4	4,284.6
September 1995	528.8	1,730.0	70.8	444.0	599.6	2,173.9	W	1,683.1	703.5	3,857.0
October 1994	527.3	1,869.8	84.0	267.0	611.3	2,136.8	W	1,701.7	887.9	3,838.5
Indiana										
October 1995	853.2	1,704.3	81.0	NA	934.2	2,080.1	W	1,026.1	1,235.6	3,106.2
September 1995	807.9	1,690.2	78.0	370.4	886.0	2,060.5	W	860.9	1,115.6	2,921.4
October 1994	678.5	1,939.5	20.8	409.8	699.4	2,349.2	438.5	936.7	1,137.8	3,285.9
Iowa										
October 1995	179.6	1,692.7	-	122.3	179.6	1,815.0	W	314.6	314.2	2,129.6
September 1995	178.7	1,505.9	-	80.8	178.7	1,586.6	W	242.2	327.0	1,828.8
October 1994	188.7	1,691.4	-	142.6	188.7	1,834.0	W	316.5	326.4	2,150.6
Kansas										
October 1995	155.2	1,559.3	463.8	315.2	619.0	1,874.5	W	369.0	691.0	2,243.5
September 1995	189.8	1,566.7	412.6	348.6	602.4	1,915.3	W	351.2	701.1	2,266.5
October 1994	225.3	1,133.0	64.9	300.0	290.2	1,433.0	W	190.5	359.2	1,623.5
Kentucky										
October 1995	336.4	709.8	348.6	191.4	685.0	901.2	84.2	632.9	769.2	1,534.1
September 1995	328.3	656.7	362.3	231.3	690.6	888.1	49.8	631.2	740.4	1,519.3
October 1994	258.8	659.2	415.4	222.8	674.1	882.1	134.9	593.1	809.1	1,475.2
Michigan										
October 1995	W	1,617.0	W	171.5	617.9	1,788.5	128.1	882.1	746.0	2,670.6
September 1995	488.4	1,456.6	W	180.5	571.9	1,637.1	157.5	847.7	729.4	2,484.8
October 1994	445.7	1,286.4	34.3	176.6	480.0	1,463.0	149.8	867.8	629.7	2,330.8
Minnesota										
October 1995	209.3	1,546.5	12.2	297.0	221.5	1,843.6	178.8	473.4	400.3	2,316.9
September 1995	202.7	1,416.6	7.8	262.8	210.5	1,679.4	269.3	483.2	479.8	2,162.6
October 1994	210.2	1,387.1	4.8	297.2	215.0	1,684.3	W	418.4	506.9	2,102.6
Missouri										
October 1995	W	1,759.5	W	135.1	283.2	1,894.6	W	186.8	343.2	2,081.5
September 1995	248.8	1,665.1	-	110.2	248.8	1,775.3	W	125.1	305.5	1,900.5
October 1994	W	1,377.7	W	127.0	298.3	1,504.8	W	200.1	331.3	1,704.8

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										
October 1995	33.6	1,049.1	—	132.2	33.6	1,181.3	W	124.3	37.5	1,305.6
September 1995	44.1	889.0	W	113.1	44.4	1,002.1	W	98.9	59.3	1,101.0
October 1994	43.2	878.3	—	190.1	43.2	1,068.4	W	109.7	43.5	1,178.1
North Dakota										
October 1995	13.3	568.2	W	73.0	W	641.2	W	95.0	W	736.2
September 1995	13.3	649.0	—	111.9	13.3	760.9	W	108.5	W	869.5
October 1994	16.9	476.2	W	59.3	W	535.5	W	75.1	W	610.5
Ohio										
October 1995	1,449.1	1,664.6	348.1	342.6	1,797.2	2,007.2	51.6	1,340.6	1,848.8	3,347.8
September 1995	1,389.9	1,431.9	387.0	313.3	1,776.9	1,745.2	58.7	1,078.1	1,835.7	2,823.3
October 1994	1,165.1	1,620.1	456.5	350.1	1,621.6	1,970.2	286.4	1,230.5	1,908.0	3,200.7
Oklahoma										
October 1995	W	2,190.8	W	362.6	468.9	2,553.4	W	285.5	764.3	2,838.9
September 1995	W	2,543.8	W	235.8	505.1	2,779.6	W	149.3	562.7	2,928.9
October 1994	W	2,077.4	W	601.6	646.7	2,679.0	W	301.7	652.0	2,980.7
South Dakota										
October 1995	W	667.9	W	24.9	W	692.8	W	80.9	W	773.8
September 1995	W	629.7	W	21.4	W	651.2	W	78.5	W	729.6
October 1994	W	679.1	W	42.2	W	721.3	W	88.5	W	809.8
Tennessee										
October 1995	614.7	1,777.2	194.5	437.5	809.2	2,214.7	35.5	563.8	844.6	2,778.5
September 1995	688.6	1,643.5	56.4	423.5	745.0	2,067.0	55.6	651.5	800.6	2,718.5
October 1994	558.0	1,579.9	186.4	384.4	744.4	1,964.3	100.8	777.4	845.2	2,741.7
Wisconsin										
October 1995	W	1,521.8	W	315.2	319.9	1,837.0	W	494.7	384.8	2,331.8
September 1995	W	1,542.8	W	275.2	253.8	1,818.0	W	483.1	320.5	2,301.1
October 1994	W	1,471.9	W	300.2	225.1	1,772.1	54.9	641.5	280.0	2,413.6
PAD District III										
October 1995	1,717.2	15,821.2	2,176.4	6,103.6	3,893.5	21,924.8	W	3,311.2	4,025.8	25,236.0
September 1995	1,782.4	16,062.2	2,146.2	6,732.8	3,928.6	22,795.0	115.4	4,257.8	4,044.0	27,052.8
October 1994	1,679.0	13,739.2	2,319.4	4,997.3	3,998.4	18,736.5	146.8	4,863.5	4,145.1	23,600.1
Alabama										
October 1995	201.8	1,047.1	171.1	275.0	372.9	1,322.1	8.5	W	381.5	1,589.5
September 1995	186.1	987.7	150.6	266.9	336.7	1,254.6	8.4	324.0	345.1	1,578.7
October 1994	210.2	812.9	150.0	161.5	360.1	974.4	42.4	W	402.5	1,354.3
Arkansas										
October 1995	221.4	1,095.6	21.1	602.4	242.4	1,697.9	W	90.9	247.2	1,788.8
September 1995	204.8	937.5	28.6	596.7	233.4	1,534.2	W	95.7	237.1	1,629.9
October 1994	233.0	919.9	58.6	332.4	291.6	1,252.3	W	192.1	291.9	1,444.5
Louisiana										
October 1995	190.8	1,654.0	512.1	2,775.4	702.9	4,429.5	W	752.2	708.1	5,181.6
September 1995	268.4	1,629.0	521.7	3,047.4	790.1	4,676.4	W	1,104.6	797.1	5,781.1
October 1994	240.3	1,530.8	589.0	2,551.6	829.3	4,082.4	W	892.0	837.7	4,974.4
Mississippi										
October 1995	W	1,348.2	W	505.2	189.2	1,853.4	W	157.5	194.7	2,011.0
September 1995	125.4	1,446.4	63.2	653.6	188.7	2,100.0	W	158.8	198.3	2,258.8
October 1994	W	901.1	W	421.7	208.7	1,322.8	14.5	375.9	223.2	1,698.7
New Mexico										
October 1995	W	718.5	W	53.8	157.2	772.3	—	W	157.2	772.9
September 1995	133.6	685.2	W	40.0	153.6	725.2	—	W	153.6	726.0
October 1994	W	724.5	W	14.1	128.0	738.6	—	W	128.0	739.2
Texas										
October 1995	844.3	9,957.8	1,384.6	1,891.8	2,228.9	11,849.6	W	2,042.5	2,337.1	13,892.0
September 1995	864.1	10,376.4	1,362.1	2,128.1	2,226.2	12,504.5	W	2,573.9	2,312.8	15,078.4
October 1994	720.0	8,850.1	1,460.5	1,515.9	2,180.6	10,366.0	W	3,022.9	2,261.8	13,388.9
PAD District IV										
October 1995	697.6	3,128.9	488.4	455.7	1,186.1	3,584.7	W	75.0	1,222.8	3,659.7
September 1995	765.9	3,294.6	567.9	445.9	1,333.7	3,740.5	W	76.2	1,391.6	3,816.7
October 1994	446.3	2,911.4	563.9	429.2	1,010.2	3,340.6	W	W	1,096.3	3,416.1
Colorado										
October 1995	146.3	1,024.4	197.5	29.8	343.8	1,054.2	—	W	343.8	1,103.5
September 1995	156.3	1,002.5	W	31.4	386.1	1,033.9	W	W	386.6	1,086.8
October 1994	86.4	882.7	240.5	41.3	326.9	924.0	W	W	327.2	967.1

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										
October 1995	NA	W	W	W	85.1	631.3	W	W	85.4	635.9
September 1995	28.0	370.3	W	243.6	97.9	613.9	W	W	98.8	616.4
October 1994	19.8	353.3	W	213.6	W	566.8	—	W	W	569.0
Montana										
October 1995	162.9	588.7	—	—	162.9	588.7	W	W	163.1	589.1
September 1995	203.1	718.5	—	—	203.1	718.5	—	W	203.1	718.9
October 1994	W	W	W	W	W	639.1	—	W	W	639.2
Utah										
October 1995	W	520.2	W	173.2	229.3	693.4	W	W	265.6	712.3
September 1995	193.3	565.1	19.4	162.7	212.7	727.8	W	W	269.2	744.4
October 1994	137.0	437.1	38.6	152.5	175.6	589.6	W	W	261.4	618.9
Wyoming										
October 1995	W	W	W	W	364.9	617.1	—	W	364.9	618.9
September 1995	185.2	638.2	W	W	433.9	646.4	—	W	433.9	650.2
October 1994	W	W	W	W	313.0	621.1	—	W	313.0	621.9
PAD District V										
October 1995	1,759.9	12,055.4	1,170.8	2,765.6	2,930.7	14,821.0	80.5	177.2	3,011.3	14,998.2
September 1995	1,762.2	11,618.7	1,582.4	2,618.9	3,344.6	14,237.6	98.3	239.4	3,443.0	14,477.0
October 1994	1,699.1	10,289.3	1,224.1	3,419.0	2,923.2	13,708.3	W	W	3,075.3	13,920.5
Alaska										
October 1995	W	W	W	W	W	460.2	55.0	167.5	W	627.7
September 1995	W	W	W	439.1	71.3	457.8	53.6	226.7	124.9	684.5
October 1994	W	W	6.4	W	W	374.5	62.7	188.0	W	562.5
Arizona										
October 1995	208.8	W	70.1	W	278.9	869.6	—	—	278.9	869.6
September 1995	171.8	856.2	W	W	233.0	992.6	—	—	233.0	992.6
October 1994	199.6	808.6	93.9	183.5	293.5	992.1	—	—	293.5	992.1
California										
October 1995	1,180.8	7,830.1	305.1	741.9	1,485.8	8,572.0	—	—	1,485.8	8,572.0
September 1995	1,208.1	7,289.0	704.4	618.9	1,912.5	7,907.9	—	W	1,912.5	7,908.0
October 1994	1,159.5	6,215.9	114.6	NA	1,274.1	7,708.8	—	—	1,274.1	7,708.8
Hawaii										
October 1995	42.5	73.5	W	104.5	W	178.0	W	—	W	178.0
September 1995	43.4	75.3	W	91.3	W	166.6	W	—	W	166.6
October 1994	43.3	W	W	W	W	162.0	W	—	W	162.0
Nevada										
October 1995	W	602.0	W	11.0	129.5	613.0	—	—	129.5	613.0
September 1995	119.2	510.1	W	W	142.6	513.9	W	—	171.5	513.9
October 1994	W	511.7	W	56.0	91.4	567.8	W	—	115.4	567.8
Oregon										
October 1995	78.3	1,294.3	239.5	518.8	317.8	1,813.1	W	—	321.9	1,813.1
September 1995	77.3	1,252.1	215.9	555.7	293.2	1,807.8	W	—	294.3	1,807.8
October 1994	129.7	1,309.7	275.4	521.2	405.1	1,830.9	W	W	409.2	1,834.8
Washington										
October 1995	123.8	1,481.1	239.5	834.0	363.4	2,315.1	20.9	9.7	384.2	2,324.7
September 1995	125.6	1,617.2	153.9	773.8	279.4	2,390.9	14.5	12.6	293.9	2,403.6
October 1994	90.9	1,354.2	373.9	718.0	464.8	2,072.2	52.9	20.3	517.7	2,092.5

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								
October 1995	2,019.2	7,168.8	8,615.1	5,152.5	10,634.3	12,321.3	239.3	141.7
September 1995 ..	2,492.0	7,513.1	9,306.9	5,858.3	11,798.9	13,371.4	200.0	294.0
October 1994	3,398.2	4,719.5	9,717.5	4,831.5	13,115.6	9,551.0	597.0	207.5
PAD District I								
October 1995	937.5	4,727.7	4,241.6	1,374.3	5,179.1	6,102.0	219.0	90.1
September 1995 ..	1,491.1	5,781.5	4,680.6	929.7	6,171.8	6,711.2	188.1	101.8
October 1994	2,219.8	2,536.9	4,480.7	932.3	6,700.6	3,469.2	245.7	178.5
Subdistrict IA								
October 1995	W	W	W	W	W	603.6	W	W
September 1995 ..	W	737.4	W	W	W	1,059.8	W	W
October 1994	W	W	W	W	W	W	W	W
Subdistrict IB								
October 1995	W	3,160.3	W	1,131.9	W	4,292.2	W	62.4
September 1995 ..	1,401.5	3,392.8	938.7	458.3	2,340.2	3,851.1	W	34.8
October 1994	1,487.6	1,718.7	W	435.0	W	2,153.8	210.3	106.8
Subdistrict IC								
October 1995	87.9	W	3,009.8	W	3,097.7	1,206.2	W	W
September 1995 ..	72.7	1,651.3	3,710.3	149.0	3,783.0	1,800.3	W	W
October 1994	W	W	W	W	3,539.1	W	W	W
PAD District II								
October 1995	W	W	W	W	34.2	347.4	W	NA
September 1995 ..	W	W	W	W	30.8	232.7	W	W
October 1994	W	W	W	W	84.1	619.2	W	-
PAD District III								
October 1995	W	1,908.6	W	2,265.6	2,043.4	4,174.2	W	W
September 1995 ..	W	W	2,374.0	3,387.7	2,375.7	4,767.0	W	W
October 1994	W	1,442.5	W	2,802.5	3,038.2	4,245.0	W	W
PAD District IV								
October 1995	W	W	W	W	18.6	45.4	W	-
September 1995 ..	-	W	W	W	W	61.0	W	-
October 1994	W	W	W	W	26.2	179.5	-	-
PAD District V								
October 1995	1,072.2	436.4	2,286.8	1,215.9	3,359.0	1,652.3	W	50.4
September 1995 ..	987.3	308.7	2,221.5	1,290.7	3,208.9	1,599.4	W	W
October 1994	1,113.8	275.2	2,152.7	762.9	3,266.5	1,038.1	-	W

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."

**PrimeSupplier
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								
October 1995	155,578.6	19,360.1	52,864.4	227,803.1	24,663.5	4,067.8	14,591.5	43,322.9
September 1995	170,838.3	4,467.7	52,933.1	228,239.1	27,458.7	622.0	14,689.6	42,770.3
October 1994	184,845.5	41,224.7	—	226,070.3	31,476.5	7,766.6	—	39,243.1
PAD District I								
October 1995	45,369.3	33.4	27,857.0	73,259.7	9,906.4	12.4	6,861.0	16,779.8
September 1995	45,005.4	—	27,891.2	72,896.7	9,868.1	—	6,946.4	16,814.5
October 1994	61,634.3	9,770.1	—	71,404.4	14,675.0	2,714.3	—	17,389.3
Subdistrict IA								
October 1995	W	—	W	10,839.7	W	—	W	2,300.6
September 1995	1,595.9	—	9,359.7	10,955.6	287.3	—	2,100.5	2,387.8
October 1994	9,789.4	636.9	—	10,426.3	2,212.7	177.2	—	2,389.9
Connecticut								
October 1995	—	—	2,523.3	2,523.3	—	—	593.1	593.1
September 1995	—	—	2,504.5	2,504.5	—	—	592.2	592.2
October 1994	W	W	—	2,433.3	474.8	177.2	—	652.0
Maine								
October 1995	853.8	—	943.3	1,797.1	141.7	—	167.4	309.1
September 1995	886.9	—	989.5	1,876.5	150.2	—	177.8	328.1
October 1994	1,649.7	—	—	1,649.7	269.8	—	—	269.8
Massachusetts								
October 1995	W	—	W	4,365.3	—	—	964.8	964.8
September 1995	—	—	4,336.3	4,336.3	—	—	1,012.8	1,012.8
October 1994	4,260.0	—	—	4,260.0	1,019.5	—	—	1,019.5
New Hampshire								
October 1995	235.8	—	562.6	798.4	42.0	—	111.5	153.5
September 1995	W	—	W	785.1	W	—	W	156.6
October 1994	732.7	—	—	732.7	158.8	—	—	158.8
Rhode Island								
October 1995	—	—	897.8	897.8	—	—	192.9	192.9
September 1995	—	—	976.1	976.1	—	—	207.4	207.4
October 1994	W	W	—	885.4	198.1	—	—	198.1
Vermont								
October 1995	W	—	W	457.8	W	—	W	87.2
September 1995	W	—	W	477.1	W	—	W	90.7
October 1994	465.0	—	—	465.0	91.6	—	—	91.6
Subdistrict IB								
October 1995	W	W	W	28,287.3	W	W	3,853.3	5,826.4
September 1995	12,990.7	—	15,540.2	28,531.0	2,022.7	—	3,903.5	5,926.2
October 1994	20,075.2	8,641.1	—	28,716.3	3,977.0	2,349.0	—	6,325.9
Delaware								
October 1995	—	—	714.5	714.5	—	—	196.4	196.4
September 1995	—	—	639.7	639.7	—	—	182.5	182.5
October 1994	688.3	37.6	—	725.9	223.9	18.5	—	242.4
District of Columbia								
October 1995	—	—	121.8	121.8	—	—	82.2	82.2
September 1995	—	—	123.1	123.1	—	—	83.3	83.3
October 1994	96.6	30.0	—	126.6	64.3	20.5	—	84.8
Maryland								
October 1995	434.1	—	2,699.6	3,133.7	111.1	—	897.0	1,008.1
September 1995	W	—	W	3,090.2	119.4	—	888.6	1,007.9
October 1994	2,471.0	639.4	—	3,110.5	814.4	261.0	—	1,075.4
New Jersey								
October 1995	W	—	W	6,137.5	—	—	1,248.0	1,248.0
September 1995	W	—	W	6,216.6	—	—	1,301.4	1,301.4
October 1994	2,348.9	4,244.2	—	6,593.1	325.2	1,005.8	—	1,331.0
New York								
October 1995	5,206.5	—	3,712.5	8,919.0	622.6	—	884.6	1,507.3
September 1995	5,393.5	—	3,830.1	9,223.6	661.1	—	905.9	1,567.0
October 1994	5,701.5	3,231.5	—	8,933.0	799.8	892.2	—	1,692.0
Pennsylvania								
October 1995	7,134.5	W	W	9,260.8	W	W	545.1	1,784.4
September 1995	7,120.6	—	2,117.1	9,237.7	1,242.3	—	541.8	1,784.0
October 1994	8,768.8	458.4	—	9,227.2	1,749.5	150.9	—	1,900.4

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								
October 1995	39,036.1	4,919.8	23,307.2	67,263.0	219,278.2	28,347.7	90,763.1	338,389.0
September 1995	42,430.0	999.6	22,901.6	66,331.2	240,727.0	6,089.3	90,524.4	337,340.7
October 1994	49,705.5	15,444.7	—	65,150.2	266,027.6	64,436.0	—	330,463.6
PAD District I								
October 1995	15,380.2	14.5	13,885.3	29,280.0	70,655.9	60.3	48,603.3	119,319.5
September 1995	15,028.1	—	13,570.9	28,599.0	69,901.6	—	48,408.6	118,310.2
October 1994	22,301.9	6,759.1	—	29,061.0	98,611.2	19,243.5	—	117,854.7
Subdistrict IA								
October 1995	W	—	W	3,449.5	W	—	W	16,589.7
September 1995	344.6	—	3,101.9	3,446.5	2,227.7	—	14,562.1	16,789.9
October 1994	3,374.9	313.4	—	3,688.3	15,377.0	1,127.5	—	16,504.5
Connecticut								
October 1995	—	—	924.2	924.2	—	—	4,040.7	4,040.7
September 1995	—	—	880.7	880.7	—	—	3,977.4	3,977.4
October 1994	658.8	313.4	—	972.2	W	W	—	4,057.6
Maine								
October 1995	166.2	—	207.2	373.4	1,161.7	—	1,317.8	2,479.5
September 1995	163.4	—	220.7	384.1	1,200.6	—	1,388.1	2,588.6
October 1994	396.4	—	—	396.4	2,315.9	—	—	2,315.9
Massachusetts								
October 1995	—	—	1,492.9	1,492.9	W	—	W	6,823.0
September 1995	—	—	1,502.4	1,502.4	—	—	6,851.5	6,851.5
October 1994	1,625.6	—	—	1,625.6	6,905.1	—	—	6,905.1
New Hampshire								
October 1995	56.1	—	155.6	211.7	333.8	—	829.8	1,163.6
September 1995	W	—	W	205.1	W	—	W	1,146.8
October 1994	216.9	—	—	216.9	1,108.5	—	—	1,108.5
Rhode Island								
October 1995	—	—	324.1	324.1	—	—	1,414.7	1,414.7
September 1995	—	—	345.0	345.0	—	—	1,528.5	1,528.5
October 1994	342.2	—	—	342.2	W	W	—	1,425.7
Vermont								
October 1995	W	—	W	123.2	W	—	W	668.1
September 1995	W	—	W	129.2	W	—	W	697.0
October 1994	135.0	—	—	135.0	691.6	—	—	691.6
Subdistrict IB								
October 1995	W	W	W	12,647.2	W	W	W	46,760.9
September 1995	3,341.3	—	9,046.4	12,387.7	18,354.8	—	28,490.1	46,844.8
October 1994	6,609.5	6,207.4	—	12,816.9	30,661.7	17,197.5	—	47,859.1
Delaware								
October 1995	—	—	215.9	215.9	—	—	1,126.8	1,126.8
September 1995	—	—	185.5	185.5	—	—	1,007.7	1,007.7
October 1994	221.8	18.6	—	240.4	1,134.0	74.7	—	1,208.7
District of Columbia								
October 1995	—	—	184.6	184.6	—	—	388.6	388.6
September 1995	—	—	184.2	184.2	—	—	390.7	390.7
October 1994	164.1	37.0	—	201.1	325.0	87.5	—	412.5
Maryland								
October 1995	129.2	—	1,366.9	1,496.1	674.4	—	4,963.5	5,637.9
September 1995	145.0	—	1,337.5	1,482.5	W	—	W	5,580.6
October 1994	1,202.7	323.5	—	1,526.3	4,488.2	1,224.0	—	5,712.1
New Jersey								
October 1995	—	—	3,592.0	3,592.0	W	—	W	10,977.5
September 1995	—	—	3,442.1	3,442.1	W	—	W	10,960.1
October 1994	723.0	2,764.1	—	3,487.1	3,397.1	8,014.1	—	11,411.2
New York								
October 1995	1,145.8	—	3,019.3	4,165.2	6,974.9	—	7,616.5	14,591.4
September 1995	1,184.0	—	2,987.8	4,171.7	7,238.5	—	7,723.8	14,962.3
October 1994	1,389.1	2,836.7	—	4,225.8	7,890.4	6,960.4	—	14,850.8
Pennsylvania								
October 1995	W	W	W	2,993.4	10,443.8	W	W	14,038.6
September 1995	2,012.4	—	909.3	2,921.7	10,375.3	—	3,568.2	13,943.5
October 1994	2,908.7	227.5	—	3,136.2	13,427.1	836.7	—	14,263.8

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								
October 1995	30,999.1	W	W	34,132.7	7,662.7	W	W	8,652.9
September 1995	30,418.8	—	2,991.3	33,410.1	7,558.1	—	942.5	8,500.6
October 1994	31,769.7	492.2	—	32,261.8	8,485.3	188.1	—	8,673.4
Florida								
October 1995	10,132.4	—	—	10,132.4	3,056.9	—	—	3,056.9
September 1995	9,817.7	—	—	9,817.7	2,950.7	—	—	2,950.7
October 1994	9,730.5	—	—	9,730.5	3,072.8	—	—	3,072.8
Georgia								
October 1995	7,037.8	—	—	7,037.8	1,681.6	—	—	1,681.6
September 1995	6,863.7	—	—	6,863.7	1,664.5	—	—	1,664.5
October 1994	6,588.0	—	—	6,588.0	1,604.2	—	—	1,604.2
North Carolina								
October 1995	6,538.5	32.3	—	6,570.8	W	W	—	1,426.5
September 1995	6,493.0	—	—	6,493.0	1,444.3	—	—	1,444.3
October 1994	W	W	—	6,007.4	1,435.8	23.4	—	1,459.2
South Carolina								
October 1995	3,612.9	—	—	3,612.9	717.7	—	—	717.7
September 1995	3,553.5	—	—	3,553.5	716.0	—	—	716.0
October 1994	3,448.5	—	—	3,448.5	736.2	—	—	736.2
Virginia								
October 1995	2,719.1	W	W	5,820.4	W	—	W	1,562.6
September 1995	2,752.6	—	2,991.3	5,743.9	583.6	—	942.5	1,526.1
October 1994	5,004.6	424.0	—	5,428.6	W	W	—	1,537.5
West Virginia								
October 1995	958.5	—	—	958.5	207.5	—	—	207.5
September 1995	938.3	—	—	938.3	199.0	—	—	199.0
October 1994	W	W	—	1,058.7	W	W	—	263.5
PAD District II								
October 1995	66,569.1	2,112.8	6,356.2	75,038.1	8,045.7	336.6	1,652.9	10,035.2
September 1995	67,101.1	1,148.1	6,212.6	74,461.8	7,921.0	W	W	9,723.2
October 1994	70,776.5	2,031.9	—	72,808.4	8,953.6	297.0	—	9,250.5
Illinois								
October 1995	5,215.4	—	3,883.8	9,099.2	582.1	—	1,142.3	1,724.4
September 1995	5,094.8	—	3,754.0	8,848.8	562.6	—	1,119.2	1,681.8
October 1994	8,611.6	—	—	8,611.6	1,557.5	—	—	1,557.5
Indiana								
October 1995	5,233.1	—	507.5	5,740.5	765.2	—	132.7	897.9
September 1995	5,216.1	—	507.6	5,723.7	761.8	—	134.5	896.3
October 1994	5,600.0	—	—	5,600.0	874.9	—	—	874.9
Iowa								
October 1995	3,646.1	—	—	3,646.1	54.6	—	—	54.6
September 1995	3,516.4	—	—	3,516.4	55.0	—	—	55.0
October 1994	3,741.4	—	—	3,741.4	44.7	—	—	44.7
Kansas								
October 1995	W	—	W	3,485.7	133.4	—	—	133.4
September 1995	3,398.3	—	—	3,398.3	130.0	—	—	130.0
October 1994	3,365.5	—	—	3,365.5	127.5	—	—	127.5
Kentucky								
October 1995	2,855.0	—	756.2	3,611.2	W	—	W	648.8
September 1995	W	—	W	3,567.1	W	—	W	627.2
October 1994	3,617.1	—	—	3,617.1	691.5	—	—	691.5
Michigan								
October 1995	9,661.4	—	—	9,661.4	1,210.2	—	—	1,210.2
September 1995	9,751.4	—	—	9,751.4	1,198.2	—	—	1,198.2
October 1994	9,326.7	—	—	9,326.7	1,198.7	—	—	1,198.7
Minnesota								
October 1995	3,090.2	2,112.8	—	5,203.0	79.0	336.6	—	415.6
September 1995	W	W	—	5,357.2	W	W	—	385.3
October 1994	3,023.4	2,031.9	—	5,055.3	51.3	297.0	—	348.3
Missouri								
October 1995	5,983.2	—	—	5,983.2	544.5	—	—	544.5
September 1995	6,011.3	—	—	6,011.3	524.9	—	—	524.9
October 1994	5,857.1	—	—	5,857.1	538.0	—	—	538.0

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
Subdistrict IC								
October 1995	11,689.7	W	W	13,183.3	50,351.5	W	W	55,968.9
September 1995	11,342.2	—	1,422.6	12,764.8	49,319.1	—	5,356.4	54,675.5
October 1994	12,317.5	238.3	—	12,555.8	52,572.5	918.5	—	53,491.1
Florida								
October 1995	4,715.7	—	—	4,715.7	17,905.0	—	—	17,905.0
September 1995	4,634.2	—	—	4,634.2	17,402.6	—	—	17,402.6
October 1994	4,537.6	—	—	4,537.6	17,341.0	—	—	17,341.0
Georgia								
October 1995	2,477.9	—	—	2,477.9	11,197.3	—	—	11,197.3
September 1995	2,340.3	—	—	2,340.3	10,868.5	—	—	10,868.5
October 1994	2,321.5	—	—	2,321.5	10,513.7	—	—	10,513.7
North Carolina								
October 1995	W	W	—	2,255.9	10,194.3	58.9	—	10,253.2
September 1995	2,173.5	—	—	2,173.5	10,110.8	—	—	10,110.8
October 1994	W	W	—	2,009.5	9,361.8	114.3	—	9,476.1
South Carolina								
October 1995	1,099.9	—	—	1,099.9	5,430.5	—	—	5,430.5
September 1995	1,056.7	—	—	1,056.7	5,326.2	—	—	5,326.2
October 1994	1,028.5	—	—	1,028.5	5,213.2	—	—	5,213.2
Virginia								
October 1995	W	W	W	2,392.8	4,217.2	W	W	9,775.7
September 1995	907.7	—	1,422.6	2,330.3	4,243.9	—	5,356.4	9,600.2
October 1994	2,156.4	215.3	—	2,371.7	W	W	—	9,337.8
West Virginia								
October 1995	241.1	—	—	241.1	1,407.1	—	—	1,407.1
September 1995	229.8	—	—	229.8	1,367.1	—	—	1,367.1
October 1994	W	W	—	287.1	W	W	—	1,609.3
PAD District II								
October 1995	13,074.7	331.4	2,199.6	15,605.7	87,689.5	2,780.7	10,208.6	100,678.9
September 1995	12,885.0	W	W	15,212.3	87,907.0	1,498.7	9,991.6	99,397.3
October 1994	14,561.5	268.9	—	14,830.5	94,291.6	2,597.8	—	96,889.4
Illinois								
October 1995	816.7	—	1,532.3	2,349.0	6,614.3	—	6,558.4	13,172.6
September 1995	829.6	—	1,492.9	2,322.5	6,487.0	—	6,366.1	12,853.1
October 1994	2,162.0	—	—	2,162.0	12,331.1	—	—	12,331.1
Indiana								
October 1995	1,273.5	—	187.9	1,461.3	7,271.7	—	828.1	8,099.8
September 1995	1,190.2	—	173.6	1,363.8	7,168.1	—	815.7	7,983.8
October 1994	1,381.8	—	—	1,381.8	7,856.8	—	—	7,856.8
Iowa								
October 1995	325.0	—	—	325.0	4,025.7	—	—	4,025.7
September 1995	318.8	—	—	318.8	3,890.3	—	—	3,890.3
October 1994	253.3	—	—	253.3	4,039.4	—	—	4,039.4
Kansas								
October 1995	422.6	—	—	422.6	W	—	W	4,041.6
September 1995	406.5	—	—	406.5	3,934.8	—	—	3,934.8
October 1994	411.4	—	—	411.4	3,904.5	—	—	3,904.5
Kentucky								
October 1995	845.5	—	220.6	1,066.1	W	—	W	5,326.1
September 1995	807.3	—	225.6	1,032.9	4,073.9	—	1,153.2	5,227.1
October 1994	1,135.3	—	—	1,135.3	5,443.8	—	—	5,443.8
Michigan								
October 1995	2,056.3	—	—	2,056.3	12,927.9	—	—	12,927.9
September 1995	2,022.9	—	—	2,022.9	12,972.5	—	—	12,972.5
October 1994	2,018.3	—	—	2,018.3	12,543.8	—	—	12,543.8
Minnesota								
October 1995	228.8	331.4	—	560.2	3,398.1	2,780.7	—	6,178.8
September 1995	419.2	171.6	—	590.8	4,834.6	1,498.7	—	6,333.3
October 1994	189.0	268.9	—	457.9	3,263.6	2,597.8	—	5,861.5
Missouri								
October 1995	1,124.4	—	—	1,124.4	7,652.2	—	—	7,652.2
September 1995	1,107.7	—	—	1,107.7	7,643.8	—	—	7,643.8
October 1994	1,076.9	—	—	1,076.9	7,472.0	—	—	7,472.0

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	Regular				Midgrade			
	Conventional ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Nebraska								
October 1995	2,136.6	—	—	2,136.6	8.6	—	—	8.6
September 1995	2,097.9	—	—	2,097.9	W	W	—	10.4
October 1994	2,065.8	—	—	2,065.8	10.5	—	—	10.5
North Dakota								
October 1995	932.1	—	—	932.1	W	—	—	W
September 1995	979.4	—	—	979.4	W	—	—	W
October 1994	900.4	—	—	900.4	W	—	—	W
Ohio								
October 1995	10,077.5	—	—	10,077.5	2,068.6	—	NA	2,068.6
September 1995	9,784.5	—	—	9,784.5	W	—	W	1,982.2
October 1994	9,149.4	—	—	9,149.4	1,827.8	—	—	1,827.8
Oklahoma								
October 1995	3,974.7	—	—	3,974.7	310.7	—	—	310.7
September 1995	3,786.6	—	—	3,786.6	216.9	—	—	216.9
October 1994	4,411.9	—	—	4,411.9	206.4	—	—	206.4
South Dakota								
October 1995	1,072.2	—	—	1,072.2	W	—	—	W
September 1995	1,083.0	—	—	1,083.0	W	—	—	W
October 1994	1,107.0	—	—	1,107.0	W	—	—	W
Tennessee								
October 1995	5,496.1	—	—	5,496.1	1,485.6	—	—	1,485.6
September 1995	5,473.9	—	—	5,473.9	1,488.3	—	—	1,488.3
October 1994	5,068.2	—	—	5,068.2	1,333.6	—	—	1,333.6
Wisconsin								
October 1995	W	—	W	4,918.5	W	—	W	488.2
September 1995	W	W	W	5,082.3	W	W	W	480.2
October 1994	4,931.0	—	—	4,931.0	453.0	—	—	453.0
PAD District III								
October 1995	26,222.5	632.9	6,688.6	33,544.0	4,558.1	86.6	1,844.3	6,489.0
September 1995	26,991.0	334.2	6,915.9	34,241.1	W	W	W	6,401.6
October 1994	31,867.6	868.7	—	32,736.3	6,344.4	117.8	—	6,462.1
Alabama								
October 1995	3,553.7	—	—	3,553.7	812.1	—	—	812.1
September 1995	3,514.0	—	—	3,514.0	777.1	—	—	777.1
October 1994	3,469.6	—	—	3,469.6	810.1	—	—	810.1
Arkansas								
October 1995	2,980.5	—	—	2,980.5	376.9	—	—	376.9
September 1995	3,098.2	—	—	3,098.2	358.7	—	—	358.7
October 1994	2,946.5	—	—	2,946.5	405.7	—	—	405.7
Louisiana								
October 1995	W	—	W	3,510.0	859.7	—	—	859.7
September 1995	W	—	W	3,536.6	867.3	—	—	867.3
October 1994	3,308.0	—	—	3,308.0	839.3	—	—	839.3
Mississippi								
October 1995	2,397.5	—	—	2,397.5	447.6	—	—	447.6
September 1995	2,430.6	—	—	2,430.6	442.2	—	—	442.2
October 1994	2,306.9	—	—	2,306.9	491.2	—	—	491.2
New Mexico								
October 1995	W	W	—	2,006.4	130.4	34.0	—	164.4
September 1995	W	W	—	1,896.0	W	W	—	150.8
October 1994	1,760.0	315.0	—	2,075.0	67.8	16.9	—	84.8
Texas								
October 1995	11,995.9	W	W	19,095.9	1,931.5	52.6	1,844.3	3,828.3
September 1995	12,644.8	W	W	19,765.7	1,925.7	W	W	3,805.5
October 1994	18,076.5	553.7	—	18,630.2	3,730.3	100.8	—	3,831.1
PAD District IV								
October 1995	7,002.8	722.3	—	7,725.1	1,180.3	125.2	—	1,305.5
September 1995	7,621.3	332.0	—	7,953.3	W	W	—	1,346.4
October 1994	6,980.8	941.2	—	7,922.0	703.2	148.1	—	851.3
Colorado								
October 1995	2,621.5	680.6	—	3,302.1	521.1	119.4	—	640.5
September 1995	3,141.1	332.0	—	3,473.1	W	W	—	650.9
October 1994	W	W	—	3,342.7	W	W	—	576.5

See footnotes at end of table.

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

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Nebraska								
October 1995	158.1	—	—	158.1	2,303.4	—	—	2,303.4
September 1995	155.0	—	—	155.0	W	W	—	2,263.3
October 1994	131.7	—	—	131.7	2,208.0	—	—	2,208.0
North Dakota								
October 1995	W	—	—	W	1,028.6	—	—	1,028.6
September 1995	W	—	—	W	1,075.0	—	—	1,075.0
October 1994	W	—	—	W	984.3	—	—	984.3
Ohio								
October 1995	2,212.7	—	—	2,212.7	14,358.8	—	NA	14,358.8
September 1995	2,076.2	—	—	2,076.2	W	—	W	13,842.9
October 1994	2,124.8	—	—	2,124.8	13,102.1	—	—	13,102.1
Oklahoma								
October 1995	786.6	—	—	786.6	5,072.1	—	—	5,072.1
September 1995	758.2	—	—	758.2	4,761.8	—	—	4,761.8
October 1994	789.7	—	—	789.7	5,408.0	—	—	5,408.0
South Dakota								
October 1995	W	—	—	W	1,156.4	—	—	1,156.4
September 1995	W	—	—	W	1,170.5	—	—	1,170.5
October 1994	W	—	—	W	1,189.6	—	—	1,189.6
Tennessee								
October 1995	2,104.4	—	—	2,104.4	9,086.1	—	—	9,086.1
September 1995	2,046.5	—	—	2,046.5	9,008.7	—	—	9,008.7
October 1994	1,930.0	—	—	1,930.0	8,331.8	—	—	8,331.8
Wisconsin								
October 1995	583.4	—	258.9	842.3	4,602.9	—	1,646.0	6,248.9
September 1995	610.4	W	W	874.0	4,779.9	W	W	6,436.5
October 1994	829.0	—	—	829.0	6,212.9	—	—	6,212.9
PAD District III								
October 1995	6,925.9	130.7	2,489.4	9,546.0	37,706.5	850.2	11,022.3	49,578.9
September 1995	W	W	W	9,277.7	38,235.2	433.8	11,251.4	49,920.4
October 1994	8,710.3	182.6	—	8,892.9	46,922.2	1,169.1	—	48,091.3
Alabama								
October 1995	1,315.9	—	—	1,315.9	5,681.6	—	—	5,681.6
September 1995	1,270.3	—	—	1,270.3	5,561.4	—	—	5,561.4
October 1994	1,235.7	—	—	1,235.7	5,515.4	—	—	5,515.4
Arkansas								
October 1995	758.0	—	—	758.0	4,115.5	—	—	4,115.5
September 1995	750.6	—	—	750.6	4,207.5	—	—	4,207.5
October 1994	750.9	—	—	750.9	4,103.1	—	—	4,103.1
Louisiana								
October 1995	1,379.3	—	—	1,379.3	W	—	W	5,748.9
September 1995	1,344.8	—	—	1,344.8	W	—	W	5,748.6
October 1994	1,327.5	—	—	1,327.5	5,474.8	—	—	5,474.8
Mississippi								
October 1995	747.6	—	—	747.6	3,592.7	—	—	3,592.7
September 1995	724.7	—	—	724.7	3,597.4	—	—	3,597.4
October 1994	724.7	—	—	724.7	3,522.8	—	—	3,522.8
New Mexico								
October 1995	294.6	42.9	—	337.5	W	W	—	2,508.3
September 1995	W	W	—	300.8	W	W	—	2,347.5
October 1994	229.1	47.7	—	276.8	2,056.9	379.6	—	2,436.6
Texas								
October 1995	2,430.5	87.8	2,489.4	5,007.7	16,357.9	W	W	27,931.9
September 1995	2,368.0	W	W	4,886.7	16,938.6	W	W	28,457.9
October 1994	4,442.4	134.9	—	4,577.3	26,249.2	789.5	—	27,038.6
PAD District IV								
October 1995	1,796.4	178.2	—	1,974.6	9,979.5	1,025.7	—	11,005.2
September 1995	W	W	—	2,088.8	10,952.1	436.5	—	11,388.5
October 1994	1,524.1	173.2	—	1,697.3	9,208.2	1,262.5	—	10,470.6
Colorado								
October 1995	637.4	162.3	—	799.7	3,779.9	962.3	—	4,742.2
September 1995	W	W	—	871.9	4,559.5	436.5	—	4,996.0
October 1994	477.7	165.6	—	643.3	3,331.9	1,230.7	—	4,562.5

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
Idaho								
October 1995	1,076.9	—	—	1,076.9	173.7	—	—	173.7
September 1995	1,118.4	—	—	1,118.4	181.1	—	—	181.1
October 1994	1,183.9	—	—	1,183.9	25.5	—	—	25.5
Montana								
October 1995	1,017.3	19.7	—	1,037.0	W	W	—	71.7
September 1995	1,043.7	—	—	1,043.7	81.0	—	—	81.0
October 1994	W	W	—	1,124.2	W	—	—	W
Utah								
October 1995	1,648.5	21.9	—	1,670.4	W	W	—	405.1
September 1995	1,659.0	—	—	1,659.0	418.5	—	—	418.5
October 1994	1,573.4	21.5	—	1,594.9	W	W	—	242.3
Wyoming								
October 1995	638.6	—	—	638.6	14.5	—	—	14.5
September 1995	659.1	—	—	659.1	15.0	—	—	15.0
October 1994	676.4	—	—	676.4	W	—	—	W
PAD District V								
October 1995	10,414.9	15,858.7	11,962.6	38,236.3	973.0	3,507.1	4,233.4	8,713.4
September 1995	24,119.4	2,653.4	11,913.4	38,686.2	3,862.5	364.1	4,258.0	8,484.6
October 1994	13,586.4	27,612.8	—	41,199.2	800.4	4,489.5	—	5,289.9
Alaska								
October 1995	421.7	77.8	—	499.5	W	W	—	51.7
September 1995	W	W	—	626.3	W	W	—	50.9
October 1994	511.5	—	—	511.5	W	—	—	W
Arizona								
October 1995	W	2,230.9	W	3,541.9	W	W	W	459.9
September 1995	3,203.7	W	W	3,428.7	232.8	W	W	269.9
October 1994	1,637.8	2,096.5	—	3,734.3	19.9	73.6	—	93.5
California								
October 1995	1,343.5	9,921.6	11,943.4	23,208.6	162.1	2,590.8	4,226.0	6,979.0
September 1995	10,493.6	W	W	23,239.6	2,692.5	W	W	7,139.7
October 1994	3,552.4	22,117.9	—	25,670.4	534.3	4,253.4	—	4,787.6
Hawaii								
October 1995	549.7	—	—	549.7	131.0	—	—	131.0
September 1995	553.0	—	—	553.0	130.7	—	—	130.7
October 1994	553.1	—	—	553.1	122.1	—	—	122.1
Nevada								
October 1995	W	923.8	W	1,516.4	W	194.8	W	242.1
September 1995	1,196.9	346.7	—	1,543.6	169.5	85.2	—	254.7
October 1994	560.5	1,110.6	—	1,671.2	39.4	103.1	—	142.5
Oregon								
October 1995	2,619.2	704.1	—	3,323.2	119.5	78.5	—	198.0
September 1995	W	W	—	3,326.5	W	W	—	131.9
October 1994	2,488.9	626.8	—	3,115.7	W	W	—	W
Washington								
October 1995	3,596.5	2,000.5	—	5,597.0	362.0	289.7	—	651.7
September 1995	4,948.8	1,019.7	—	5,968.6	W	43.1	—	506.8
October 1994	4,282.0	1,661.0	—	5,943.0	W	W	—	W

See footnotes at end of table.

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

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Idaho								
October 1995	237.6	—	—	237.6	1,488.2	—	—	1,488.2
September 1995	245.7	—	—	245.7	1,545.2	—	—	1,545.2
October 1994	198.0	—	—	198.0	1,407.4	—	—	1,407.4
Montana								
October 1995	W	W	—	226.2	1,304.3	30.6	—	1,334.9
September 1995	248.3	—	—	248.3	1,373.0	—	—	1,373.0
October 1994	192.8	W	—	W	W	W	—	1,317.5
Utah								
October 1995	W	W	—	570.3	2,613.0	32.8	—	2,645.8
September 1995	568.1	—	—	568.1	2,645.6	—	—	2,645.6
October 1994	W	W	—	544.6	W	W	—	2,381.8
Wyoming								
October 1995	140.9	—	—	140.9	794.0	—	—	794.0
September 1995	154.8	—	—	154.8	828.9	—	—	828.9
October 1994	W	—	—	W	801.5	—	—	801.5
PAD District V								
October 1995	1,858.9	4,265.1	4,732.9	10,856.8	13,246.8	23,630.9	20,928.8	57,806.5
September 1995	5,749.2	702.9	4,701.3	11,153.4	33,731.1	3,720.4	20,872.7	58,324.2
October 1994	2,607.7	8,060.9	—	10,668.5	16,994.4	40,163.2	—	57,157.6
Alaska								
October 1995	W	W	—	85.9	524.8	112.3	—	637.1
September 1995	W	W	—	86.4	W	W	—	763.6
October 1994	W	—	—	W	601.3	—	—	601.3
Arizona								
October 1995	206.1	W	W	840.0	W	3,201.4	W	4,841.7
September 1995	782.0	W	W	845.2	4,218.5	W	W	4,543.8
October 1994	211.5	531.3	—	742.8	1,869.2	2,701.4	—	4,570.6
California								
October 1995	177.6	2,809.7	4,727.6	7,714.9	1,683.3	15,322.2	20,897.0	37,902.5
September 1995	2,914.2	W	W	7,884.5	16,100.3	W	W	38,263.8
October 1994	795.4	6,748.1	—	7,543.5	4,882.1	33,119.4	—	38,001.5
Hawaii								
October 1995	307.6	—	—	307.6	988.4	—	—	988.4
September 1995	308.8	—	—	308.8	992.5	—	—	992.5
October 1994	312.5	—	—	312.5	987.7	—	—	987.7
Nevada								
October 1995	W	255.7	W	374.6	W	1,374.4	W	2,133.1
September 1995	297.1	115.1	—	412.1	1,663.4	547.0	—	2,210.4
October 1994	91.7	270.2	—	361.8	691.6	1,483.9	—	2,175.5
Oregon								
October 1995	337.0	133.4	—	470.4	3,075.6	915.9	—	3,991.5
September 1995	W	W	—	467.1	3,709.2	W	—	3,925.5
October 1994	W	W	—	W	2,936.6	773.1	—	3,709.7
Washington								
October 1995	648.8	414.6	—	1,063.4	4,607.3	2,704.7	—	7,312.1
September 1995	940.4	209.0	—	1,149.4	W	1,271.8	—	7,624.7
October 1994	W	W	—	W	5,026.0	2,085.4	—	7,111.4

Dash (—) = No data reported.

NA = Not available.

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							
October 1995	813.8	782.6	56,531.7	36,958.9	7,488.6	15,096.3	22,584.9
September 1995	942.5	1,200.6	56,459.6	35,501.6	9,020.6	16,614.2	25,634.8
October 1994	842.6	863.0	54,774.9	37,770.4	8,758.4	15,361.7	24,120.1
PAD District I							
October 1995	197.5	222.6	15,098.7	5,542.1	5,716.0	8,000.8	13,716.8
September 1995	226.2	W	14,490.3	5,753.6	7,319.7	9,385.4	16,705.1
October 1994	221.2	W	14,433.3	6,378.3	6,668.8	8,194.0	14,862.8
Subdistrict IA							
October 1995	23.2	W	1,147.6	423.9	710.9	656.3	1,367.2
September 1995	30.7	—	1,074.6	425.2	816.0	1,296.3	2,112.2
October 1994	30.4	W	1,203.1	466.8	1,326.8	954.5	2,281.3
Connecticut							
October 1995	3.6	—	289.3	62.3	W	W	55.5
September 1995	W	—	210.9	62.7	W	W	54.1
October 1994	4.5	—	272.9	60.2	W	W	345.1
Maine							
October 1995	W	—	82.5	64.5	238.8	183.1	421.9
September 1995	3.1	—	76.5	65.9	542.8	543.0	1,085.8
October 1994	W	—	96.6	62.8	198.9	473.1	672.0
Massachusetts							
October 1995	7.8	W	674.7	82.4	321.3	73.4	394.6
September 1995	7.6	—	699.6	83.9	W	W	492.1
October 1994	7.3	W	735.8	106.2	646.4	349.8	996.1
New Hampshire							
October 1995	2.4	—	38.5	116.7	23.9	NA	NA
September 1995	2.7	—	31.5	119.7	11.2	401.5	412.7
October 1994	2.5	—	31.2	134.4	70.6	111.1	181.7
Rhode Island							
October 1995	W	—	49.9	26.6	69.8	—	69.8
September 1995	W	—	44.9	27.1	51.9	—	51.9
October 1994	W	—	56.5	20.4	63.2	—	63.2
Vermont							
October 1995	1.0	—	12.8	71.5	W	W	15.7
September 1995	1.2	—	11.2	65.9	W	W	15.7
October 1994	1.4	—	10.1	82.9	W	W	23.1
Subdistrict IB							
October 1995	47.7	W	7,939.6	1,881.0	3,839.3	2,086.8	5,926.1
September 1995	54.0	W	7,381.6	1,882.8	4,754.0	1,452.4	6,206.4
October 1994	59.6	W	7,069.6	2,103.8	4,435.5	2,078.2	6,513.6
Delaware							
October 1995	1.6	—	9.0	55.3	W	W	W
September 1995	W	—	W	72.5	W	W	W
October 1994	2.3	—	5.5	153.1	W	W	W
District of Columbia							
October 1995	—	—	—	—	W	—	W
September 1995	W	—	—	—	W	—	W
October 1994	—	—	—	—	W	—	W
Maryland							
October 1995	7.9	—	410.5	148.0	W	W	511.4
September 1995	5.3	—	W	106.2	W	W	621.8
October 1994	7.2	—	294.9	114.5	W	W	375.5
New Jersey							
October 1995	14.7	W	5,444.1	382.2	587.4	806.3	1,393.6
September 1995	23.9	W	4,774.4	450.6	849.2	517.5	1,366.7
October 1994	18.2	W	4,961.6	285.5	715.8	456.6	1,172.5
New York							
October 1995	10.0	—	911.3	471.4	1,782.3	473.9	2,256.1
September 1995	11.4	—	860.6	459.2	2,389.3	259.7	2,649.0
October 1994	12.7	—	590.0	557.1	2,427.2	640.8	3,068.0
Pennsylvania							
October 1995	13.5	W	1,164.6	824.2	945.2	526.2	1,471.4
September 1995	12.3	—	1,344.5	794.3	932.8	496.2	1,429.0
October 1994	19.2	—	1,217.6	993.6	855.8	722.1	1,577.8

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							
October 1995	126.5	W	6,011.5	3,237.2	1,165.8	5,257.7	6,423.5
September 1995	141.5	—	6,034.1	3,445.6	1,749.7	6,636.7	8,386.4
October 1994	131.2	—	6,160.5	3,807.6	906.6	5,161.3	6,067.9
Florida							
October 1995	53.0	W	2,416.3	820.3	1,085.2	3,619.7	4,704.8
September 1995	77.3	—	2,248.9	837.5	1,657.6	5,286.9	6,944.6
October 1994	61.8	—	2,606.9	772.0	W	W	3,453.1
Georgia							
October 1995	24.7	W	1,894.9	694.3	—	346.9	346.9
September 1995	22.2	—	2,002.8	705.4	—	320.3	320.3
October 1994	24.2	—	1,775.4	802.0	—	378.8	378.8
North Carolina							
October 1995	23.5	—	557.8	820.0	W	W	582.1
September 1995	21.3	—	547.2	993.7	W	W	441.8
October 1994	16.7	—	393.6	1,153.2	W	W	585.9
South Carolina							
October 1995	9.6	—	94.3	390.1	W	W	W
September 1995	8.6	—	95.9	427.0	W	W	W
October 1994	W	—	107.5	482.4	W	W	W
Virginia							
October 1995	11.4	—	1,030.1	445.0	16.9	539.5	556.4
September 1995	8.4	—	1,121.6	419.0	35.1	405.5	440.7
October 1994	15.0	—	1,258.9	529.4	W	W	1,327.9
West Virginia							
October 1995	4.2	—	10.0	67.5	W	W	W
September 1995	3.6	—	17.6	63.1	W	W	W
October 1994	W	—	18.3	68.6	W	W	W
PAD District II							
October 1995	230.7	229.5	9,943.5	14,219.4	W	W	472.4
September 1995	247.5	429.9	10,029.0	13,002.0	W	W	320.8
October 1994	246.4	341.9	9,793.3	15,310.8	W	W	666.2
Illinois							
October 1995	W	—	1,121.9	1,512.3	NA	—	NA
September 1995	W	—	1,149.8	1,745.0	W	—	W
October 1994	W	—	964.4	2,138.5	W	W	W
Indiana							
October 1995	17.0	—	1,827.1	782.0	W	W	39.0
September 1995	21.6	—	1,779.3	963.7	W	—	W
October 1994	23.4	W	1,764.9	1,296.6	W	W	24.8
Iowa							
October 1995	W	—	88.5	1,645.1	—	W	W
September 1995	W	—	104.4	941.3	W	W	W
October 1994	7.4	W	73.0	1,986.4	—	—	—
Kansas							
October 1995	12.9	—	192.4	2,332.2	—	—	—
September 1995	12.6	—	240.0	2,006.2	—	—	—
October 1994	12.1	W	W	1,424.5	—	W	W
Kentucky							
October 1995	6.1	—	574.0	599.2	W	W	5.3
September 1995	7.8	—	638.6	801.3	W	W	6.9
October 1994	5.3	—	570.1	620.8	W	W	W
Michigan							
October 1995	57.4	—	836.7	937.5	—	33.6	33.6
September 1995	56.9	—	978.4	859.1	—	34.6	34.6
October 1994	42.2	W	938.9	944.2	W	W	93.7
Minnesota							
October 1995	W	—	1,145.4	1,840.5	—	138.3	138.3
September 1995	W	—	1,029.2	1,134.5	W	W	98.4
October 1994	13.7	—	955.7	1,921.4	—	127.0	127.0
Missouri							
October 1995	15.9	—	1,249.9	1,015.1	NA	—	NA
September 1995	15.7	—	1,222.9	1,321.9	W	—	W
October 1994	15.9	W	1,105.4	1,026.4	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							
October 1995	8.4	—	111.7	453.9	—	—	—
September 1995	8.7	—	94.3	440.7	—	—	—
October 1994	6.0	W	97.1	579.8	—	—	—
North Dakota							
October 1995	W	—	25.5	279.5	—	—	—
September 1995	3.8	—	27.6	225.2	—	—	—
October 1994	W	—	26.1	257.7	—	—	—
Ohio							
October 1995	35.8	W	1,247.4	960.4	W	W	42.5
September 1995	41.9	W	1,233.2	810.2	W	W	35.4
October 1994	39.3	W	1,184.7	1,107.4	W	W	45.2
Oklahoma							
October 1995	12.0	W	421.8	475.3	—	W	W
September 1995	13.3	W	452.9	579.2	NA	W	W
October 1994	8.3	W	929.4	521.4	W	W	W
South Dakota							
October 1995	5.8	W	70.8	283.5	—	—	—
September 1995	W	W	26.9	228.7	—	—	—
October 1994	W	W	W	346.4	—	—	—
Tennessee							
October 1995	20.7	—	852.5	237.1	NA	W	24.5
September 1995	18.0	—	852.9	261.7	21.1	7.5	28.6
October 1994	18.7	—	803.8	293.0	W	W	63.2
Wisconsin							
October 1995	W	—	177.9	865.6	—	159.9	159.9
September 1995	W	—	198.6	683.5	—	106.3	106.3
October 1994	29.4	—	184.1	846.2	—	167.2	167.2
PAD District III							
October 1995	144.3	182.6	13,784.5	13,588.6	504.3	3,175.3	3,679.6
September 1995	142.7	171.2	13,765.8	13,327.7	377.4	3,431.0	3,808.4
October 1994	134.1	130.2	12,532.9	12,605.7	578.3	3,639.8	4,218.1
Alabama							
October 1995	14.1	W	340.1	424.9	W	W	255.9
September 1995	12.8	W	457.8	425.3	W	W	W
October 1994	12.9	W	312.6	495.5	W	W	217.4
Arkansas							
October 1995	13.4	—	95.6	361.3	—	—	—
September 1995	11.5	—	100.3	367.2	—	—	—
October 1994	8.9	—	99.4	422.8	—	—	—
Louisiana							
October 1995	11.4	—	3,154.9	1,807.7	W	W	1,564.3
September 1995	13.8	—	3,105.0	2,025.6	W	W	1,801.8
October 1994	8.5	W	2,573.1	1,216.1	—	2,279.7	2,279.7
Mississippi							
October 1995	6.5	W	837.7	940.2	—	W	W
September 1995	12.6	W	741.1	816.9	—	W	W
October 1994	5.9	W	832.3	863.1	W	W	W
New Mexico							
October 1995	11.5	W	178.4	444.4	W	—	W
September 1995	12.9	W	207.6	450.3	W	—	W
October 1994	10.9	W	187.7	499.1	W	W	W
Texas							
October 1995	87.5	W	9,177.8	9,610.0	457.6	1,371.5	1,829.0
September 1995	79.2	W	9,154.1	9,242.3	320.4	1,477.0	1,797.4
October 1994	87.1	W	8,527.7	9,109.0	571.1	1,108.5	1,679.6
PAD District IV							
October 1995	34.7	99.6	1,346.9	1,148.4	W	W	43.6
September 1995	46.4	217.0	1,361.4	1,053.2	W	W	39.0
October 1994	31.4	229.6	1,200.6	1,047.5	W	W	44.4
Colorado							
October 1995	16.4	—	679.6	329.7	—	W	W
September 1995	20.8	W	684.1	313.5	W	—	W
October 1994	13.8	W	693.9	317.0	—	—	—

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							
October 1995	2.4	—	71.6	72.5	—	W	W
September 1995	W	W	75.5	66.5	—	W	W
October 1994	W	W	55.5	76.6	—	—	—
Montana							
October 1995	W	W	90.5	155.9	—	W	W
September 1995	W	W	65.3	208.1	—	W	W
October 1994	W	W	56.5	155.3	—	W	W
Utah							
October 1995	6.5	W	497.4	175.5	W	W	10.5
September 1995	10.9	W	525.8	139.8	NA	W	W
October 1994	7.0	W	384.7	184.9	W	W	11.0
Wyoming							
October 1995	W	W	7.7	414.6	W	W	W
September 1995	3.5	W	10.7	325.3	W	W	W
October 1994	2.0	W	10.1	313.7	W	W	W
PAD District V							
October 1995	206.6	48.3	16,358.2	2,460.5	1,205.4	3,467.3	4,672.6
September 1995	279.7	W	16,813.2	2,365.2	1,280.1	3,481.4	4,761.5
October 1994	209.5	W	16,814.8	2,428.1	1,389.0	2,939.5	4,328.6
Alaska							
October 1995	37.1	W	1,779.4	W	—	W	W
September 1995	75.0	W	1,926.5	W	—	W	W
October 1994	31.9	W	1,845.5	W	—	—	—
Arizona							
October 1995	22.2	—	645.3	102.6	W	W	7.1
September 1995	18.7	W	615.0	81.3	W	W	9.2
October 1994	19.5	W	703.3	106.1	W	W	W
California							
October 1995	108.6	W	9,438.0	1,369.5	166.2	1,447.7	1,613.9
September 1995	119.1	W	9,759.6	1,379.3	W	W	1,484.6
October 1994	106.1	W	10,315.6	1,462.7	284.9	NA	NA
Hawaii							
October 1995	W	—	966.2	W	W	W	1,291.3
September 1995	W	—	1,010.1	W	W	W	1,216.1
October 1994	W	—	534.7	W	W	W	1,429.3
Nevada							
October 1995	5.8	—	816.1	105.8	W	W	W
September 1995	W	—	700.1	87.0	W	NA	W
October 1994	W	—	694.0	120.3	W	W	W
Oregon							
October 1995	W	—	483.1	135.4	—	W	W
September 1995	24.5	—	549.5	130.8	—	W	W
October 1994	19.0	—	508.4	127.1	—	W	W
Washington							
October 1995	10.3	—	2,230.0	490.5	W	W	1,421.3
September 1995	31.0	W	2,252.4	418.9	W	W	1,781.8
October 1994	21.3	—	2,213.4	356.4	—	1,221.5	1,221.5

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										
October 1995	2,471.0	1,832.9	29,055.5	83,240.9	21,748.6	104,989.5	134,045.0	530.4	138,879.3	
September 1995	2,531.7	1,259.5	26,625.0	80,223.1	21,935.9	102,159.1	128,784.0	475.6	133,050.7	
October 1994	2,949.7	2,125.8	32,976.0	75,571.2	21,153.5	96,724.6	129,700.7	1,001.8	135,778.0	
PAD District I										
October 1995	1,585.9	W	17,378.8	23,125.9	3,880.1	27,006.0	44,384.9	W	46,545.9	
September 1995	1,559.5	W	15,341.9	22,046.9	3,758.1	25,805.0	41,146.8	W	43,258.2	
October 1994	2,025.2	175.5	20,441.1	21,653.8	3,373.5	25,027.3	45,468.3	633.3	48,302.3	
Subdistrict IA										
October 1995	308.2	1.5	4,691.2	2,505.3	94.6	2,599.9	7,291.1	108.2	7,709.0	
September 1995	228.1	W	4,080.0	2,439.7	85.4	2,525.1	6,605.1	W	6,929.0	
October 1994	287.0	3.3	5,313.0	2,404.8	41.9	2,446.6	7,759.6	167.9	8,217.8	
Connecticut										
October 1995	W	W	997.6	W	W	554.2	1,551.8	28.3	1,606.8	
September 1995	30.1	W	954.4	W	W	552.9	1,507.3	W	1,559.7	
October 1994	36.6	W	1,298.5	W	W	541.8	1,840.4	W	1,914.9	
Maine										
October 1995	180.7	W	834.9	W	W	402.1	1,237.0	W	1,424.7	
September 1995	108.9	W	721.4	384.5	8.9	393.5	1,114.9	W	1,232.7	
October 1994	113.1	W	718.5	452.9	7.1	460.0	1,178.4	W	1,302.7	
Massachusetts										
October 1995	41.3	W	1,692.2	865.3	59.0	924.3	2,616.4	W	2,697.6	
September 1995	45.3	—	1,432.3	809.2	58.4	867.6	2,299.9	35.0	2,380.3	
October 1994	W	W	2,018.1	789.9	22.6	812.6	2,830.7	84.1	2,990.5	
New Hampshire										
October 1995	43.4	W	558.1	W	W	336.3	894.5	W	952.6	
September 1995	32.4	W	482.1	W	W	329.9	812.0	W	856.0	
October 1994	36.7	W	515.1	334.3	1.9	336.2	851.3	W	903.4	
Rhode Island										
October 1995	W	W	519.5	W	W	290.6	810.1	W	833.1	
September 1995	W	W	405.0	W	W	288.2	693.2	W	713.7	
October 1994	W	W	651.3	W	W	222.6	873.9	W	896.6	
Vermont										
October 1995	8.6	W	88.9	81.9	10.6	92.5	181.4	W	194.3	
September 1995	W	W	84.8	84.1	8.9	93.0	177.8	2.5	186.7	
October 1994	17.5	W	111.5	65.5	7.9	73.4	184.9	W	209.6	
Subdistrict IB										
October 1995	665.0	W	8,948.3	8,466.3	969.8	9,436.1	18,384.4	W	19,494.6	
September 1995	819.0	W	7,699.9	8,350.0	931.4	9,281.4	16,981.3	W	18,188.4	
October 1994	953.2	165.6	10,631.9	8,460.6	1,048.8	9,509.4	20,141.3	428.5	21,688.6	
Delaware										
October 1995	W	—	238.4	W	W	337.1	575.5	W	584.5	
September 1995	W	—	102.1	W	W	320.9	423.1	W	431.1	
October 1994	W	—	241.3	W	W	397.5	638.8	W	654.2	
District of Columbia										
October 1995	—	—	107.4	W	W	26.7	134.1	W	139.2	
September 1995	W	—	74.3	W	W	18.4	92.8	W	94.4	
October 1994	W	—	106.7	W	W	19.5	126.1	W	160.5	
Maryland										
October 1995	69.2	W	673.6	895.1	154.9	1,050.0	1,723.6	W	1,798.1	
September 1995	42.2	W	428.7	852.0	130.7	982.7	1,411.4	W	1,456.7	
October 1994	86.2	0.4	749.3	892.1	151.9	1,044.0	1,793.4	7.8	1,887.7	
New Jersey										
October 1995	W	W	2,806.7	2,200.3	275.0	2,475.3	5,282.0	52.5	5,476.3	
September 1995	297.3	W	2,438.1	2,109.3	307.2	2,416.5	4,854.6	W	5,209.0	
October 1994	243.6	W	3,221.3	2,153.5	347.2	2,500.6	5,721.9	W	6,026.0	
New York										
October 1995	W	W	2,627.9	1,706.6	110.3	1,816.9	4,444.8	258.4	5,065.8	
September 1995	243.7	W	2,335.5	1,709.2	118.6	1,827.8	4,163.2	W	4,729.5	
October 1994	W	W	3,471.0	1,812.6	139.1	1,951.7	5,422.7	348.6	6,173.0	
Pennsylvania										
October 1995	201.3	W	2,494.3	3,311.2	418.9	3,730.1	6,224.3	W	6,430.6	
September 1995	227.4	W	2,321.1	3,351.0	364.1	3,715.1	6,036.2	W	6,267.7	
October 1994	296.8	W	2,842.4	3,206.6	389.5	3,596.0	6,438.4	W	6,787.3	

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate					No. 4 Fuel ^a	Total Distillate and Kerosene	
			No. 2 Fuel Oil	No. 2 Diesel Fuel			No. 2 Distillate			
				Low-Sulfur	High-Sulfur	Total				
Subdistrict IC										
October 1995	612.7	6.7	3,739.4	12,154.3	2,815.7	14,970.0	18,709.4	13.5	19,342.4	
September 1995	512.4	5.9	3,562.0	11,257.2	2,741.3	13,998.5	17,560.4	62.1	18,140.8	
October 1994	785.0	6.6	4,496.1	10,788.4	2,282.8	13,071.3	17,567.4	36.9	18,395.9	
Florida										
October 1995	29.2	W	626.0	3,238.9	1,174.5	4,413.3	5,039.3	W	5,080.4	
September 1995	18.2	W	583.1	2,799.9	1,027.0	3,826.9	4,410.0	W	4,443.6	
October 1994	38.2	W	724.2	2,762.2	958.2	3,720.4	4,444.5	W	4,489.6	
Georgia										
October 1995	W	W	482.3	2,970.8	472.6	3,443.4	3,925.7	—	3,965.9	
September 1995	29.5	W	504.1	2,771.6	488.6	3,260.2	3,764.3	W	3,794.7	
October 1994	W	W	667.4	2,495.0	302.4	2,797.4	3,464.8	—	3,504.8	
North Carolina										
October 1995	251.7	W	920.2	2,262.9	407.1	2,669.9	3,590.2	W	3,846.4	
September 1995	W	—	826.6	2,206.6	428.0	2,634.6	3,461.2	W	3,678.9	
October 1994	W	—	1,044.3	2,035.5	369.3	2,404.7	3,449.0	W	3,773.6	
South Carolina										
October 1995	W	—	308.1	1,125.9	168.8	1,294.6	1,602.7	W	1,715.7	
September 1995	W	—	302.6	1,098.2	138.8	1,236.9	1,539.5	W	1,641.2	
October 1994	W	—	365.0	1,103.0	104.9	1,207.9	1,572.9	W	1,718.6	
Virginia										
October 1995	154.5	W	1,003.0	2,082.9	416.6	2,499.5	3,502.5	W	3,659.2	
September 1995	127.8	NA	966.7	1,887.3	441.9	2,329.2	3,295.9	W	3,472.5	
October 1994	207.0	W	1,269.0	1,916.9	347.2	2,264.1	3,533.0	W	3,772.5	
West Virginia										
October 1995	24.7	W	399.8	473.0	176.2	649.2	1,049.0	W	1,074.8	
September 1995	18.5	W	378.9	493.6	217.0	710.7	1,089.6	W	1,109.9	
October 1994	32.9	W	426.3	475.9	200.9	676.8	1,103.1	W	1,136.8	
PAD District II										
October 1995	608.9	988.3	9,426.2	29,104.2	5,947.6	35,051.7	44,477.9	12.5	46,087.6	
September 1995	660.7	628.0	8,768.3	27,313.7	5,607.0	32,920.7	41,689.0	10.8	42,988.5	
October 1994	W	1,281.8	9,933.3	26,223.1	6,172.6	32,395.7	42,329.0	W	44,610.0	
Illinois										
October 1995	97.8	117.3	1,602.3	2,640.1	794.0	3,434.1	5,036.4	—	5,251.4	
September 1995	27.0	98.1	1,493.5	2,436.9	607.2	3,044.1	4,537.7	—	4,662.8	
October 1994	W	127.0	1,670.5	2,550.5	721.8	3,272.4	4,942.9	W	5,202.4	
Indiana										
October 1995	64.9	W	1,398.3	2,775.7	483.0	3,258.7	4,657.0	W	4,759.3	
September 1995	86.4	W	1,220.0	2,691.1	519.5	3,210.5	4,430.6	W	4,539.4	
October 1994	74.8	W	1,343.1	2,731.6	584.7	3,316.3	4,659.5	W	4,919.8	
Iowa										
October 1995	3.4	88.3	470.5	2,135.1	152.6	2,287.7	2,758.3	—	2,849.9	
September 1995	3.9	59.4	412.5	1,879.9	94.4	1,974.3	2,386.9	—	2,450.2	
October 1994	3.8	92.8	459.6	2,022.7	190.8	2,213.5	2,673.1	—	2,769.7	
Kansas										
October 1995	5.1	96.0	241.3	1,478.5	750.4	2,228.9	2,470.2	—	2,571.3	
September 1995	5.8	20.3	261.7	1,385.4	698.9	2,084.2	2,345.9	—	2,372.0	
October 1994	5.2	142.2	238.8	1,407.9	422.6	1,830.5	2,069.3	—	2,216.6	
Kentucky										
October 1995	73.6	W	753.9	1,498.4	611.3	2,109.6	2,863.5	W	2,940.8	
September 1995	60.5	W	725.1	1,403.7	637.9	2,041.6	2,766.7	W	2,829.3	
October 1994	77.1	W	896.6	1,303.1	701.6	2,004.7	2,901.3	W	2,986.9	
Michigan										
October 1995	70.6	95.6	986.4	2,287.8	257.5	2,545.3	3,531.7	—	3,697.8	
September 1995	70.5	42.9	974.3	2,051.6	295.2	2,346.8	3,321.1	—	3,434.5	
October 1994	W	219.9	979.9	1,821.4	245.9	2,067.3	3,047.2	W	3,395.5	
Minnesota										
October 1995	W	155.2	652.0	1,836.0	404.0	2,240.0	2,891.9	W	3,120.1	
September 1995	W	120.1	746.8	1,697.8	336.1	2,033.9	2,780.7	W	3,083.8	
October 1994	W	146.5	712.5	1,638.4	427.9	2,066.3	2,778.7	W	3,065.8	
Missouri										
October 1995	9.6	24.3	262.5	2,559.1	170.2	2,729.3	2,991.8	—	3,025.8	
September 1995	5.6	16.6	201.3	2,336.6	137.2	2,473.8	2,675.0	—	2,697.2	
October 1994	8.2	28.1	276.5	2,076.7	190.8	2,267.6	2,544.1	—	2,580.4	

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									
October 1995	W	W	134.4	1,107.1	381.5	1,488.6	1,623.1	—	1,700.8
September 1995	3.2	58.9	122.7	950.9	377.3	1,328.2	1,451.0	—	1,513.1
October 1994	1.0	83.5	114.6	941.2	468.3	1,409.5	1,524.1	—	1,608.7
North Dakota									
October 1995	1.0	81.7	292.1	562.4	82.5	645.0	937.0	—	1,019.8
September 1995	W	W	321.1	665.9	117.7	783.6	1,104.7	—	1,157.1
October 1994	1.0	77.3	219.6	501.9	67.6	569.5	789.1	—	867.4
Ohio									
October 1995	115.8	W	1,131.1	3,249.5	718.2	3,967.7	5,098.8	W	5,226.5
September 1995	132.5	W	1,046.0	3,090.8	753.3	3,844.1	4,890.1	W	5,037.0
October 1994	137.8	W	1,499.0	2,850.6	843.2	3,693.8	5,192.8	W	5,367.0
Oklahoma									
October 1995	2.0	19.1	445.4	1,658.0	231.5	1,889.5	2,334.8	—	2,355.9
September 1995	0.2	16.3	144.1	1,656.2	172.8	1,829.0	1,973.1	—	1,989.6
October 1994	2.8	85.8	112.4	1,556.8	467.5	2,024.3	2,136.7	—	2,225.3
South Dakota									
October 1995	2.0	89.4	81.3	698.5	32.3	730.8	812.1	—	903.5
September 1995	1.8	51.9	79.4	640.1	26.7	666.8	746.3	—	799.9
October 1994	1.0	80.6	88.7	686.8	44.7	731.5	820.2	—	901.8
Tennessee									
October 1995	82.3	W	423.8	2,699.8	542.3	3,242.1	3,665.9	W	3,756.7
September 1995	71.1	W	474.4	2,531.0	522.9	3,053.9	3,528.3	W	3,606.9
October 1994	93.2	W	581.1	2,405.6	580.6	2,986.3	3,567.4	W	3,666.8
Wisconsin									
October 1995	W	94.5	551.0	1,918.1	336.2	2,254.4	2,805.4	W	2,907.9
September 1995	8.4	56.4	545.3	1,895.9	309.8	2,205.7	2,751.0	—	2,815.8
October 1994	W	101.7	740.4	1,728.0	214.3	1,942.3	2,682.7	W	2,835.9
PAD District III									
October 1995	174.1	75.5	1,871.2	13,650.5	7,201.2	20,851.6	22,722.8	—	22,972.5
September 1995	254.1	62.2	2,047.4	13,041.6	7,333.8	20,375.4	22,422.8	W	22,739.1
October 1994	W	139.9	2,062.6	11,814.2	6,554.1	18,368.3	20,430.9	W	20,768.9
Alabama									
October 1995	19.6	—	293.4	1,387.9	448.7	1,836.5	2,129.9	—	2,149.6
September 1995	14.3	—	354.8	1,267.6	420.8	1,688.4	2,043.2	—	2,057.5
October 1994	W	W	440.3	1,101.8	309.0	1,410.8	1,851.1	—	1,873.4
Arkansas									
October 1995	W	W	92.4	1,568.5	727.4	2,295.9	2,388.3	—	2,403.8
September 1995	W	W	95.0	1,403.5	630.0	2,033.5	2,128.5	—	2,139.5
October 1994	W	W	154.9	1,393.9	530.8	1,924.6	2,079.5	—	2,106.3
Louisiana									
October 1995	43.6	—	464.8	1,603.4	2,448.9	4,052.4	4,517.2	—	4,560.8
September 1995	W	—	373.8	1,643.9	2,696.9	4,340.8	4,714.6	W	4,886.5
October 1994	W	W	333.6	1,560.8	2,302.7	3,863.5	4,197.1	—	4,253.1
Mississippi									
October 1995	4.5	—	W	1,199.8	629.6	1,829.5	1,988.8	—	1,993.3
September 1995	W	—	W	1,132.7	695.4	1,828.1	1,987.3	W	1,991.8
October 1994	W	—	W	960.2	516.9	1,477.1	1,664.0	W	1,670.6
New Mexico									
October 1995	W	10.2	W	785.5	87.4	872.9	873.5	—	885.0
September 1995	1.5	W	W	794.3	87.3	881.5	882.6	—	886.9
October 1994	W	9.9	W	837.2	32.8	870.0	876.0	—	887.1
Texas									
October 1995	W	NA	860.6	7,105.4	2,859.1	9,964.5	10,825.1	—	10,979.9
September 1995	51.1	59.2	1,063.6	6,799.6	2,803.3	9,603.0	10,666.6	—	10,776.8
October 1994	88.2	127.0	941.0	5,960.3	2,861.9	8,822.2	9,763.2	—	9,978.4
PAD District IV									
October 1995	22.1	W	114.2	4,065.9	936.0	5,001.9	5,116.1	W	5,380.0
September 1995	10.6	W	134.1	4,229.5	1,012.5	5,242.0	5,376.0	W	5,479.6
October 1994	20.5	253.2	167.5	3,689.1	979.4	4,668.5	4,836.0	—	5,109.8
Colorado									
October 1995	11.7	73.4	51.6	1,244.8	223.6	1,468.4	1,520.1	—	1,605.1
September 1995	7.0	W	W	1,227.6	261.5	1,489.2	1,542.6	—	1,571.2
October 1994	8.2	98.8	49.3	1,014.5	276.6	1,291.1	1,340.4	—	1,447.4

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										
October 1995	W	26.0	W	450.9	307.4	758.3	763.3	-	792.9	
September 1995	W	11.5	W	441.9	313.5	755.4	758.8	-	772.3	
October 1994	W	21.3	W	W	W	712.8	715.0	-	738.9	
Montana										
October 1995	W	62.0	W	W	W	729.0	729.5	-	792.6	
September 1995	W	30.8	W	W	W	891.8	892.3	-	923.2	
October 1994	W	55.5	W	710.3	11.5	721.8	721.9	-	779.9	
Utah										
October 1995	W	22.4	W	748.3	201.0	949.3	1,004.5	W	1,027.8	
September 1995	W	10.0	W	768.6	177.4	946.0	1,019.0	W	1,029.8	
October 1994	W	28.0	W	705.6	181.5	887.2	1,002.2	-	1,031.5	
Wyoming										
October 1995	4.8	W	W	W	W	1,096.8	1,098.7	-	1,161.5	
September 1995	W	18.8	W	W	W	1,159.6	1,163.4	-	1,183.1	
October 1994	W	49.6	W	W	W	1,055.7	1,056.5	-	1,112.1	
PAD District V										
October 1995	80.0	399.5	265.1	13,294.5	3,783.7	17,078.2	17,343.3	70.5	17,893.3	
September 1995	46.8	346.0	333.3	13,591.5	4,224.6	17,816.1	18,149.4	43.2	18,585.3	
October 1994	W	275.4	371.6	12,191.0	4,073.9	16,264.8	16,636.4	W	16,987.0	
Alaska										
October 1995	W	332.7	216.0	37.2	498.9	536.1	752.1	W	1,094.0	
September 1995	W	315.6	275.8	39.5	496.1	535.6	811.4	W	1,129.3	
October 1994	-	W	250.7	W	W	407.2	657.8	W	875.4	
Arizona										
October 1995	W	W	-	1,160.5	186.4	1,346.8	1,346.8	-	1,348.3	
September 1995	-	W	-	1,223.5	197.7	1,421.2	1,421.2	-	1,421.4	
October 1994	W	3.6	W	1,139.5	277.4	1,416.9	1,417.4	-	1,421.5	
California										
October 1995	27.2	W	-	8,059.1	803.5	8,862.7	8,862.7	W	8,899.2	
September 1995	12.7	W	W	8,212.8	1,323.3	9,536.0	9,536.2	W	9,560.9	
October 1994	25.6	W	-	7,254.5	624.8	7,879.3	7,879.3	W	7,926.3	
Hawaii										
October 1995	-	W	W	123.2	353.0	476.2	476.8	-	476.8	
September 1995	-	W	W	126.6	460.0	586.6	586.9	-	587.0	
October 1994	-	-	W	W	W	1,003.2	1,011.6	-	1,011.6	
Nevada										
October 1995	W	W	-	883.4	27.3	910.6	910.6	-	917.4	
September 1995	W	1.2	W	773.3	27.1	800.4	829.2	-	830.9	
October 1994	-	W	W	631.2	76.2	707.4	731.4	-	736.2	
Oregon										
October 1995	20.9	14.6	W	1,421.1	802.3	2,223.4	2,227.5	W	2,276.0	
September 1995	11.5	12.8	W	1,438.3	788.8	2,227.1	2,228.2	W	2,266.0	
October 1994	W	18.0	W	1,451.6	815.5	2,267.1	2,281.8	-	2,314.7	
Washington										
October 1995	W	43.7	44.3	1,610.0	1,112.4	2,722.4	2,766.7	W	2,881.6	
September 1995	22.0	W	27.1	1,777.6	931.6	2,709.2	2,736.2	W	2,789.8	
October 1994	15.6	28.6	73.3	1,478.5	1,105.2	2,583.8	2,657.1	-	2,701.4	

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 nonresidential 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/nonresidential end-use and non-end-use sales, while the residual and motor gasoline data were identified by end-use and non-end-use sales. The mailing list for the EIA-863 survey was constructed by merging and unduplicating the previous master frame file and approximately 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. Non-sampling 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 14 through 18, 31 through 34, and 38 through 41 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.

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.

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

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

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

and,

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

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

N = total number of population units,

n = number of sampled units,

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

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

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

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

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

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

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

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

$$\tilde{V}_{i,t} = \alpha V'_{i,t-1} + (1 - \alpha)V_{i,t-1}$$

$$\tilde{P}_{i,t} = \alpha P'_{i,t-1} + (1 - \alpha)P_{i,t-1}$$

where

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

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

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

and

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

the resulting estimate of price at the published level for month t .

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

The variance estimate is:

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

where

N_k = the number of population units in group k ,

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

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

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

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

The term M_k is computed as follows:

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

where

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

and

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

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

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

Data Continuity

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

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

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

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

782 categories most comparable to the predecessor category. That is,

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

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

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

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

where t = reference month.

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

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

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

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

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

Starting with the September 1990 final estimates, prices published are derived using the sample described under "Discussion of Sample Design." Prices published for January 1984 through August 1990 were derived using different samples and slightly different designs (refer to the 1987 PMA for a further description). Also, the monthly price estimates from January through December 1983 were derived using another sample design (see the December 1983(3) issue of the PMM). Therefore, there may be some minor discontinuity in price estimates between Au-

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 . . .	19.69	19.58	19.61	Missouri ⁴	15.04	15.04	15.04
				Montana ⁴	27.00	27.75	27.00
Alabama ⁴	18.00	19.00	18.00	Nebraska	25.70	25.70	25.70
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}	18.60	18.60	18.60	New Mexico	18.00	19.00	18.00
Colorado	22.00	20.50	22.00	New York ^{3 4}	22.56	24.56	22.56
Connecticut ³	33.00	18.00	32.00	North Carolina	21.85	21.85	21.85
Delaware	23.00	22.00	23.00	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	12.30	12.30	12.30	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	15.10	12.10	15.10	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	23.12
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	26.40	26.40	26.40
Minnesota ³	20.00	20.00	20.00	Wyoming	9.00	9.00	9.00

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 July 1, 1995.

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 two-thirds of each county's rate. In addition, the State collects a "ninth cent tax" and a second local tax. These taxes add an average of 11.5 cents to the motor fuel State tax. In Hawaii, LOTS are as follows: Honolulu: 16.5 cents per gallon; Maui: 13.0 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

gust 1988 and September 1988 and between December 1983 and January 1984.

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 non-sensitive data cells have been suppressed to prevent the reader from calculating the suppressed numbers by simply subtracting the published numbers from the total.

Relationship of Refiner and Prime Supplier Sales Volumes

The refiner sales volumes collected on the EIA-782A are related to the prime supplier sales volumes collected on the EIA-782C, but conceptual differences exist 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

Table EN3. Revision Error in Selected 1993 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		
	PMM	Final	Difference	PMM	Final	Difference	PMM	Final	Difference
January	62.3	62.3	0.0	89.7	89.6	0.1	32.5	33.4	-0.9
February	63.1	63.3	-0.2	92.8	92.9	-0.1	37.5	37.3	0.2
March	62.9	63.0	-0.1	91.4	91.4	0.0	34.0	33.9	0.1
April	64.9	65.0	-0.1	88.0	88.2	-0.2	31.6	31.3	0.3
May	66.6	66.7	-0.1	85.8	86.1	-0.3	32.6	32.4	0.2
June	69.6	69.6	0.0	84.9	85.2	-0.3	34.8	34.8	0.0
July	72.6	72.7	-0.1	82.2	82.7	-0.5	37.6	37.8	-0.2
August	76.7	76.7	0.0	82.0	82.1	-0.1	38.3	38.3	0.0
September	75.2	75.1	0.1	81.5	83.2	-1.7	34.8	34.8	0.0
October	72.8	72.8	0.0	84.5	84.7	-0.2	34.8	34.8	0.0
November	72.9	73.0	-0.1	85.7	85.7	0.0	36.9	37.2	-0.3
December	70.5	70.4	0.1	86.3	86.8	-0.5	38.7	38.9	-0.2

Sources: PMM data are from Tables 15, 31, and 42 of the *Petroleum Marketing Monthly*. Final data are from Tables 15, 31, and 42 of the *Petroleum Marketing Annual*, 1994.

Table EN4. Revision Error in Selected 1993 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		
	PMM	Final	Percent Change	PMM	Final	Percent Change	PMM	Final	Percent Change
January	253.3	254.5	-0.5	109.4	109.9	-0.5	16.7	17.5	-4.8
February	257.5	261.2	-1.4	111.9	112.5	-0.5	15.2	15.5	-2.0
March	267.0	269.0	-0.7	109.4	110.4	-0.9	14.2	15.2	-7.0
April	274.7	276.2	-0.5	103.2	104.1	-0.9	12.5	12.6	-0.8
May	277.6	279.4	-0.6	101.5	101.5	0.0	10.6	12.2	-15.1
June	285.8	287.7	-0.7	107.5	108.9	-1.3	13.4	14.0	-4.5
July	277.4	279.2	-0.6	94.1	94.9	-0.9	12.0	11.5	4.2
August	287.9	288.4	-0.2	103.5	103.5	0.0	11.6	11.6	0.0
September	281.4	282.0	-0.2	106.1	107.2	-1.0	12.6	12.5	0.8
October	274.8	276.1	-0.5	103.4	103.9	-0.5	13.1	13.1	0.0
November	273.4	275.9	-0.9	100.0	100.0	0.0	13.9	12.9	7.2
December	290.3	290.0	0.1	107.6	107.5	0.1	14.5	14.0	3.4

Sources: PMM data are from Tables 7, 46, and 47 of the *Petroleum Marketing Monthly*. Final data are from Tables 7, 46, and 47 of the *Petroleum Marketing Annual*, 1994.

Table EN5. Revision Error in Selected Volumes of 1993 First Sales Data
(Million Gallons)

Date	Total Motor Gasoline			Total No. 2 Distillate			Total Residual Fuel Oil		
	PMM	Final	Percent Change	PMM	Final	Percent Change	PMM	Final	Percent Change
January	297.8	299.4	-0.5	146.5	148.3	-1.2	41.5	45.5	-9.6
February	314.8	315.0	-0.1	149.7	147.4	1.5	51.2	51.7	-1.0
March	323.0	324.2	-0.4	146.4	143.4	2.0	42.9	44.0	-2.6
April	329.2	330.1	-0.3	127.3	125.9	1.1	34.1	33.7	1.2
May	331.5	330.5	0.3	123.2	121.8	1.1	33.5	32.8	2.1
June	343.1	342.3	0.2	126.9	125.5	1.1	36.6	35.5	3.0
July	337.9	336.3	0.5	112.9	111.7	1.1	35.6	32.7	8.1
August	346.5	343.8	0.8	128.6	126.1	1.9	33.3	32.5	2.4
September	335.4	333.0	0.7	131.8	128.8	2.3	31.8	29.3	7.9
October	331.7	330.5	0.4	131.0	129.7	1.0	25.5	24.1	5.5
November	329.3	329.4	0.0	128.9	127.1	1.4	29.4	27.4	6.8
December	334.1	335.0	-0.3	135.3	134.8	0.4	32.0	31.2	2.5

Sources: PMM 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*, 1994.

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 Tables EN3 - EN5.

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 102 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 non-sensitive 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.

Table EN6. Revision Error in 1993 Refiner Acquisition Cost Data
(Dollars per Barrel)

Date	Refiner Acquisition Costs								
	Domestic			Imported			Composite		
	PMM	Final	Difference	PMM	Final	Difference	PMM	Final	Difference
January	12.72	12.73	-0.01	12.97	12.93	0.04	12.85	12.83	0.02
February	13.24	13.24	0.00	12.90	12.90	0.00	13.07	13.07	0.00
March	13.14	13.14	0.00	13.18	13.18	0.00	13.16	13.16	0.00
April	14.71	14.74	-0.03	14.63	14.54	0.09	14.67	14.64	0.03
May	15.95	15.86	0.09	15.79	15.74	0.05	15.87	15.80	0.07
June	17.34	17.38	-0.04	17.03	17.04	-0.01	17.18	17.21	-0.03
July	17.74	17.74	0.00	17.50	17.52	-0.02	17.61	17.62	-0.01
August	17.23	17.22	0.01	16.68	16.66	0.02	16.93	16.92	0.01
September	16.46	16.46	0.00	15.88	15.91	-0.03	16.17	16.18	-0.01
October	16.35	16.35	0.00	16.23	16.27	-0.04	16.29	16.31	-0.02
November	16.63	16.63	0.00	16.44	16.46	-0.02	16.53	16.54	-0.01
December	16.22	16.22	0.00	15.78	15.78	0.00	16.03	16.03	0.00

Sources: PMM data are from Table 1 of the *Petroleum Marketing Monthly*. Final data are from Table 1 of the *Petroleum Marketing Annual*, 1994.

Table EN7. Revision Error in 1993 Domestic First Purchase Price Data
(Dollars per Barrel)

Month	PMM	Final	Difference
January	10.51	10.49	0.02
February	10.73	10.71	0.02
March	10.81	10.94	-0.13
April	12.33	12.31	0.02
May	14.03	14.02	0.01
June	14.94	14.93	0.01
July	15.32	15.34	-0.02
August	14.50	14.50	0.00
September	13.62	13.62	0.00
October	13.85	13.84	0.01
November	14.14	14.14	0.00
December	13.43	13.43	0.00

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*, 1994.

Table EN8. Revision Error in 1993 Foreign Crude Oil Acquisition Cost Data
(Dollars per Barrel)

Month	FOB Cost of Imports			Landed Cost of Imports		
	PMM	Final	Difference	PMM	Final	Difference
January	12.01	12.07	-0.06	12.61	12.74	-0.13
February	11.95	12.05	-0.10	12.57	12.71	-0.14
March	12.04	12.38	-0.34	12.66	13.00	-0.34
April	13.38	13.55	-0.17	14.08	14.30	-0.22
May	14.54	14.67	-0.13	15.46	15.62	-0.16
June	15.49	15.44	0.05	16.51	16.51	0.00
July	16.21	16.10	0.11	17.22	17.15	0.07
August	15.03	14.94	0.09	16.18	16.07	0.11
September	14.26	14.32	-0.06	15.39	15.47	-0.08
October	14.61	14.74	-0.13	15.59	15.66	-0.07
November	14.84	14.88	-0.04	15.98	15.98	0.00
December	14.30	14.46	-0.16	15.48	15.61	-0.13

Sources: PMM 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*, 1994.

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 current month and for Average Landed Costs for the current 2 months are preliminary. These numbers are revised in the month after the preliminary month(s) based on data received late or revisions received. For example, in the February publication, the February RAC data are preliminary and the January RAC data may have been revised due to receipt of late or revised data. The data are final upon publication in the *Petroleum Marketing Annual* (PMA). In the above example, the difference between the January RAC data 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 Tables EN6 through EN8.

Product Guide

Product Guide

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

Product Guide

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

Glossary

Glossary

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

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

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

ASTM: 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 lading 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 Federal 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 en-

gines 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 recovery point to 365 to 374 degrees Fahrenheit at the 90-percent recovery point. "Motor Gasoline" includes conventional gasoline, oxygenated gasoline (EPA approved), 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. Excludes reformulated gasoline blendstock for oxygenate blending (RBOB).
2. **Oxygenated Gasoline:** Gasoline formulated for use in motor vehicles that is intended for use in EPA approved carbon monoxide (CO) nonattainment State programs. Excludes reformulated gasoline, oxygenated fuels program reformulated gasoline (OPRG) and reformulated gasoline blendstock for oxygenate blending (RBOB).
3. **Reformulated Gasoline:** Gasoline formulated for use in motor vehicles, the composition and properties of which meet the requirements of

the reformulated gasoline regulations promulgated by the U.S. Environmental Protection Agency under Section 211(k) of the Clean Air Act. Includes oxygenated fuels program reformulated gasoline (OPRG). Excludes reformulated gasoline blendstock for oxygenate blending (RBOB).

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

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

OPRG: "Oxygenated Fuels Program Reformulated Gasoline" is reformulated gasoline which is intended for use in an oxygenated fuels program control area during an oxygenated fuels program control period.

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.

Oxygenates: Any substance which, when added to gasoline, increases the amount of oxygen in that gasoline blend.

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 (C_3H_8), 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.

RBOB: "Reformulated Gasoline Blendstock for Oxygenate Blending" is a motor gasoline blending component which, when blended with a specified type and percentage of oxygenate, meets the definition of reformulated gasoline.

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: Sales of No. 2 distillate and propane to 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 multi-family 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) be-

ing 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 supplied 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 and special focus items have appeared in previous issues.

<i>1995 Reformulated Gasoline Market Affected Refiners Differently</i>	January 1996
<i>Distillate Fuel Oil Assessment for Winter 1995-1996</i>	November 1995
<i>Propane Assessment for Winter 1995-1996</i>	November 1995
<i>Environmental Regulations and Changes in the Petroleum Refining Operations</i>	September 1995
<i>What Drives Motor Gasoline Prices?</i>	June 1995
<i>1995 Motor Gasoline Assessment</i>	May 1995
<i>Results of the Office of Oil and Gas "Outlook Survey"</i>	March 1995
<i>Distillate Fuel Oil Assessment for Winter 1994-1995</i>	November 1994
<i>Propane Assessment for Winter 1994-1995</i>	November 1994
<i>Sales of Fuel Oil and Kerosene in 1993</i>	November 1994
<i>Impact of New Low-Sulfur Diesel Requirements, October through December 1993</i>	November 1994
<i>Reformulated Gasoline Supply Issues</i>	November 1994
<i>A Comparison of Selected EIA-782 Data With Other Data Sources</i>	October 1994
<i>Demand, Supply, and Price Outlook for Reformulated Motor Gasoline 1995</i>	August 1994
<i>The Second Oxygenated Gasoline Season</i>	June 1994
<i>Changes to the 1994 Petroleum Marketing Monthly</i>	May 1994
<i>Summer 1994 Motor Gasoline Outlook</i>	May 1994
<i>Sales of Fuel Oil and Kerosene in 1992</i>	December 1993
<i>Low-Sulfur Diesel: Requirements and Impacts</i>	December 1993
<i>Distillate Fuel Oil Outlook for Winter 1993-94</i>	November 1993
<i>Propane Outlook for Winter 1993-1994</i>	November 1993

<i>A Comparison of Selected EIA-782 Data with Other Data Sources</i>	August 1993
<i>The Economics of the Clean Air Act Amendments of 1990:</i>	
<i>Review of the 1992-1993 Oxygenated Motor Gasoline Season</i>	August 1993
<i>Changes to Form EIA-782C "Monthly Report of Petroleum Products</i>	
<i>Sold into States for Consumption"</i>	May 1993
<i>Summer 1993 Motor Gasoline Outlook</i>	May 1993
<i>Economics of Energy Futures Markets</i>	September 1991
<i>Economics of Gasoline Pool Octane Growth</i>	March 1990
<i>A Comparison of Selected EIA-782 Data with Other Data Sources</i>	August 1989
<i>The Introduction of Unleaded Midgrade Gasoline</i>	April 1989
<i>A Review of Valdez Oil Spill Market Impacts</i>	March 1989
<i>California Crude Oil Price Levels</i>	April 1987
<i>Determining Minimum Acceptable Bid Prices for the Test Sale of Strategic Petroleum Reserve Crude Oil</i>	August 1986
<i>Commercial/Industrial Sales of Residual Fuel Oil</i>	December 1985
<i>Crude Oil High-Seas Stocks</i>	August 1985
<i>Foreign Crude Oil Prices: The Differential Dilemma</i>	May 1985
<i>A Short-Term Analysis of the Effects of Concentration on Price in the Gasoline Market</i>	April 1985
<i>Petroleum Marketing Monthly Initiates Crude Oil Data Series</i>	February 1985
<i>Estimated Historic Time Series for the EIA-782</i>	December 1983[3]
<i>No. 2 Distillate Price and Sales Reflect a Period of Adjustment to Changing Market Conditions</i>	November 1983
<i>The Consolidation of Petroleum Marketing Surveys</i>	April 1983