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- *Petroleum Supply Monthly*
Updated between the 23rd and 26th of the month.
- *Petroleum Marketing Monthly*
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- *Electric Power Monthly*
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- *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.

Leaded 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).

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Feature Articles

- ***Distillate Fuel Oil Assessment
for Winter 1996-1997***
- ***Propane Market Assessment
for Winter 1996-1997***

Distillate Fuel Oil Assessment for Winter 1996-1997

by Craig H. Cranston

Under assumptions of normal weather, demand for distillate fuel oil this heating season (October 1, 1996 - March 31, 1997) is projected to be only slightly greater than that of last winter (Table FE1). Unusually low distillate stocks, however, are expected to result in a tighter-than-normal supply situation and higher heating oil prices. This article describes findings of an analysis of the current low level of distillate stocks which are available to help meet the demand for heating fuel this winter, and presents a summary of the Energy Information Administration's distillate fuel oil outlook for the current heating season under two weather scenarios.

Distillate Stocks

An analysis of longer term historical trends in distillate fuel oil inventories appeared in the June issue of the *Petroleum Marketing Monthly*.¹

¹Energy Information Administration, *Petroleum Marketing Monthly*, "Recent Distillate Fuel Oil Inventory Trends: What EIA Data Show," June 1996, DOE/EIA-0380(96/06).

It showed that distillate stocks were on a generally declining path in the 1980's. This was largely because of petroleum industry downsizing and improving efficiencies in inventory management. That trend reversed in 1990, and stock levels were generally rising through 1994. Three factors are cited as possible causes of the turnaround: (1) Stocks were depressed by a series of colder than normal winters in the late 1980's; (2) the Persian Gulf War in 1990-91 may have contributed to precautionary inventory building; and (3) environmental regulations imposed by the Clean Air Act Amendments of 1990 reduced the fungibility of diesel fuel and heating oil inventories. In contrast to the shift in trend in distillate stocks, gasoline and crude oil inventories have gradually declined throughout the 1980's and the 1990's.

The purpose of this analysis is to provide a shorter term perspective on the exceptionally low level of distillate fuel oil inventories as

Table FE1. Distillate Fuel Oil Demand and Supply Factors, Winter (October - March) 1993-94 Through 1996-97

Factor	History			STEO Mid Case Winter 1996-97
	Winter 1993-94	Winter 1994-95	Winter 1995-96	
Economic Growth (percent per year):				
Gross Domestic Product Growth Rate	2.5	3.3	1.5	2.6
Industrial Production Growth Rate	3.8	6.0	1.5	4.5
Average Prices:				
Imported Crude Oil (per barrel)	\$13.61	\$16.59	\$17.56	\$19.70
Retail Heating Oil (per gallon excluding tax)	\$0.90	\$0.87	\$0.93	\$1.02
Diesel Fuel Oil (per gallon including tax)	\$1.13	\$1.10	\$1.14	\$1.23
Heating Degree-Days:				
Number:				
U.S. Average	4,144	3,623	4,122	3,962
New England	5,953	5,022	5,715	5,536
Middle Atlantic	5,474	4,554	5,231	5,019
Percent Difference From Normal:				
U.S. Average	4.6	-8.6	3.3	0
New England	7.5	-9.3	2.5	0
Middle Atlantic	9.1	-9.3	3.5	0
Supply and Demand (million barrels per day except stocks):				
Demand	3.35	3.30	3.44	3.46
Refinery Production	3.26	3.15	3.20	3.26
Net Stock Withdrawal	0.18	0.16	0.23	0.13
Net Imports	-0.08	-0.00	0.01	0.07
Stocks begin/end (million barrels)	131/99	145/115	132/90	112/89

Unless otherwise referenced, data in this article are taken from the following Energy Information Administration sources: *Weekly Petroleum Status Report*, DOE/EIA-0208(96-39); *Petroleum Supply Monthly*, September 1996, DOE/EIA-0109(96/09); *Petroleum Supply Annual* 1995, DOE/EIA-0340(95); *Petroleum Marketing Monthly*, September 1996, DOE/EIA-0380(96/09); *Short-Term Energy Outlook*, DOE/EIA-0202(96/4Q) and 4th Quarter 1996 Short-Term Integrated Forecasting System; and an address by EIA Administrator Jay E. Hakes on the Fall 1996 Heating Fuel Assessment before the National Association of State Energy Officials, September 16, 1996.

we enter the 1996-97 heating season, and to identify some contributing causes and potential implications of the situation.

Background

This has been a year of unusual market behavior with regard to petroleum products. Earlier this year, gasoline prices² in the United States rose sharply from \$1.08 in mid February to \$1.29 by May 17. In response to public concern, President Clinton, on April 29, asked that the Department of Energy investigate the reasons for the runup, and prepare a report on the situation within 45 days. The report,³ published in June, concluded that crude oil price increases and normal seasonal gasoline price increases accounted for most of the change, but that unusual factors in gasoline markets also played a role. These unusual factors included: a late-winter cold spell causing refiners to focus longer than usual on production of distillate instead of gasoline; lower-than-normal gasoline stocks; high gasoline demand and little excess refining capacity; and persistent expectations that crude oil and gasoline prices would fall in the future, which discouraged building stocks. Now, at the beginning of the heating season, distillate fuel has replaced gasoline as the focus of concern.

How Did We Get Here?

Distillate fuel is used for two purposes, diesel fuel and heating oil. Demand for diesel fuel is fairly stable over the course of a year, but demand for heating oil has a substantial seasonal component. Distillate stock levels are highly seasonal due to heating fuel needs in the winter (Figure FE1). Stocks are typically lowest around March, and build to a peak around November. Distillate stocks were higher than normal at the beginning of 1995 due to a warm 1994-95 winter. The excess was drawn down over the summer, and stocks were on the low side of the normal range at the beginning of the 1995-96 heating season. Stocks did not rise as they typically do in October and November, in part due to cold weather in November. Cold weather kept stocks low through the winter; distillate stocks at the end of the last heating season were 89.7 million barrels, the lowest end-of-month level since March 1967, when distillate fuel demand in the U.S. was about 70 percent of the current level.

Unusually strong demand in the spring and summer of 1996, attributable in part to increasing diesel fuel consumption spurred by robust economic growth, slowed the normal seasonal rebuilding of distillate stocks (Figure FE2). A late cold spell in April drove distillate demand to higher levels than normal. This was the time of year when gasoline production should have been rising and distillate production declining. Gasoline production was

Figure FE1. U.S. Distillate Fuel Stocks (Million Barrels)

Note: Level and width of Average Range (the shaded band) are based on 3 years of monthly data: July 1993-June 1996. See *Weekly Petroleum Status Report*.

Figure FE2. Distillate Demand (Thousand Barrels per Day)

affected briefly by the need to produce additional distillate to meet demand. The late season focus on distillate became a concern to the markets because gasoline stocks were running lower than normal, and served to help increase wholesale gasoline spreads several cents over average during April. Also, diesel-driven demand was unusually high in July when distillate stock build is typically at its highest level of the year. Through September, distillate demand in 1996 has exceeded last year's demand by nearly 5 percent.

²National average retail price of regular self-serve gasoline.

³U. S. Department of Energy, *An Analysis of Gasoline Markets: Spring 1996*, June 1996, DOE/PO-0046.

Distillate production and imports have both been strong this year, but not strong enough to rebuild stocks to more normal levels. Production has exceeded last year's January-September level by nearly 4 percent (Figure FE3). Net imports were more than 100 percent higher⁴ than last year's January-September level (Figure FE4), but still they account for only a small proportion (less than 2 percent) of total product supplied so the magnitude of the increase in percentage terms may be misleading.

Ironically, gasoline markets in general--and gasoline imports in particular--have contributed to the low distillate stocks this year. Gasoline imports to the East Coast have been running very high this year. From January through July, gasoline imports into Petroleum Administration for Defense District 1 (PADD 1) were about 100 thousand barrels per day higher than in 1995. If a barrel of gasoline is produced in the U.S. rather than imported, it is accompanied by about half a barrel of distillate product. Thus, if the 100 thousand barrels per day of PADD 1 gasoline imports had been produced domestically, approximately 50 thousand barrels per day of distillate also would have been produced. If all of the additional distillate production went into PADD 1 inventory, stocks there might have been 10 million barrels or 33 percent higher by the end of July.

Perhaps the biggest factor discouraging stock building this year in all petroleum markets has been the persistent "backwardation" in crude oil markets. That is, the markets have continually been expecting crude oil prices to drop in the near future. If crude oil prices fall in the future, product prices follow. Figure FE5 is a depiction at four points in time of the prices of crude oil futures contracts traded on the New York Mercantile Exchange. In the spring of 1996, refiners were discouraged from building stocks of crude oil or petroleum products as current spot prices rose in the

Figure FE3. Distillate Production
(Thousand Barrels per Day)

face of low future prices. This situation is reflected as a "steepening" of the backwardation curves. After crude oil prices fell back, the differences between current prices and expected prices diminished, but still persisted. (New non-OPEC supplies were expected in the third quarter, but now are expected in the fourth quarter, while Iraqi sales have been postponed indefinitely.) Over the summer, distillate futures prices have been barely, if at all, above current prices. Storage of distillate under these circumstances almost guarantees a loss from the suppliers' perspective.

From the record low stock levels at the end of last winter, the distillate stock builds that occurred in May and June were typical of the builds seen in recent years (Figure FE1). The lack of storage replenishment in July, historically the biggest build month of the year, began to raise concerns. Over the past 3 years, the average July build has been 12 million barrels, but this July it was less than 5 million barrels. The replenishments in August and September were also smaller than normal. The average third-quarter stock build over the past three years has been 23 million barrels. This year, it was only 10 million barrels.

In summary, we can point to several factors that have contributed to the current low level of distillate stocks: (1) The cold snap in the spring of 1996; (2) expectations of lower crude oil prices in the future; (3) strong diesel fuel demand; (4) increased imports of gasoline; and (5) the continuing longer-term trend in the petroleum industry toward improving efficiencies in inventory management.

⁴Based on preliminary data for September 1996.

Figure FE4. Distillate Imports/Exports
(Thousand Barrels per Day)

Figure FE5. Crude Oil Price Expectations
(Dollars per Barrel)

Source: New York Mercantile Exchange.

Where Are We Now?

As of the beginning of the current heating season, distillate stocks were at 112 million barrels. This marks the lowest level at this point of the year in EIA's monthly data series, which extends back some 40 years when distillate demand in the U.S. was about half what it is today. In terms of more recent history, distillate stocks at the end of September were 20 million barrels, or 15 percent, below the levels of last year.

The East Coast, PADD 1, represents the heating fuel capital of the United States. It accounts for most of the winter heating oil consumption in the U.S., and nearly all of the seasonal build and drawdown in distillate stocks (Figure FE6). At the end of September, total distillate stocks in the U.S. were 24 million barrels below the 3-year average September levels, and this shortfall was entirely in PADD 1. Thus, the region of the country that relies most heavily upon stock withdrawals to meet its winter distillate demand is the region with the shortfall. At this late date, it is most unlikely that the shortfall will be made up before the East Coast begins drawing down its stocks.

Within PADD 1, further insight can be gained from disaggregation of distillate by sulfur content. Prior to the Clean Air Act Amendments (CAAA) of 1990, distillate product used as diesel fuel or as heating oil was indistinguishable. The CAAA established a requirement that the maximum sulfur level of diesel fuel be reduced by 80 percent, from 0.25 percent to

⁵Energy Information Administration, *Petroleum Marketing Monthly*, "Distillate Fuel Oil Assessment for Winter 1995-1996," November 1995, DOE/EIA-0380(95/11).

⁶This generality may be breaking down. There are signs that low-sulfur distillate is being used increasingly for heating.

0.05 percent by weight, as of October 1, 1993. (A fuller description of the CAAA and an analysis of supply, demand, and prices of distillate fuel by sulfur content can be found in last year's Distillate Fuel Oil Assessment.⁵) As a result, distillate stocks are now segregated by sulfur content, whereas they had been interchangeable prior to implementation of the CAAA. In general, stocks of high-sulfur distillate (i.e., sulfur content greater than 0.05 percent) are destined for use as heating oil, and stocks of low-sulfur distillate (i.e., sulfur content 0.05 percent or less) are destined for use as diesel fuel.⁶ Within PADD 1, heating oil stocks account for a disproportionate share of the September distillate shortfall (Figure FE7). In the years since the CAAA went into effect, high-sulfur distillate stocks in PADD 1 as of the end of September have exceeded 70 percent of the total; this year high-sulfur stocks account for only 62 percent of the total.

Current prices are beginning to reflect the market's focus on distillate. Spot distillate prices crossed over gasoline prices on August 21 and have continued to strengthen (Figure FE8). Crude oil prices have remained above \$21 per barrel (for West Texas Intermediate) since the beginning of August, as world stock rebuilding has been occurring, keeping demand higher than it normally would have been over the summer months than if we had begun the year with normal stock levels. The early-September military activity in Iraq has, of course, caused additional price volatility and overall upward pressure, due to the indefinite postponement of Iraqi "oil-for-food" sales and uncertainty about further disruptions in the region.

Both crude oil and petroleum product prices currently stand well above year-ago levels. As of September 30, the spot price of WTI crude oil was almost \$7 per barrel higher than at the same point in 1995, while regular gasoline at New York Harbor was up 6 cents

Figure FE6. Distillate Stocks

Figure FE7. PADD 1 Distillate Fuel Stocks
(Million Barrels)

Figure FE8. Spot Crude Oil, Gasoline, and Heating Oil Prices
(Cents per Gallon)

Source: Reuters News Service.

per gallon, and No. 2 heating oil was up 23 cents. Some of the recent price rise is due to the Iraqi situation, and may be temporary, but upward price pressure already existed before this arose. Retail prices have also begun to reflect recent increases at the wholesale level. Retail regular gasoline, after falling about 9 cents from its spring peak, has flattened at about \$1.20 per gallon nationally, while diesel fuel reached a low at the end of June and has since risen about 12 cents per gallon.

Winter Outlook

This outlook summarizes distillate fuel oil supply and demand for the current heating season. Two projections are provided: (1) A base-case scenario, which assumes normal winter weather patterns; and (2) a severe-weather scenario, in which the January-to-March 1997 quarter is assumed to average 10 percent colder than normal, in terms of heating degree days. These projections are derived from simulations of the Short-Term Integrated Forecasting System (STIFS) model, which is used to produce the Energy Information Administration's quarterly *Short-Term Energy Outlook*. In addition, two topics related to the forecasts are addressed: the circumstances surrounding some historical cold snaps of shorter duration, and the effect of sharply increased distillate imports.

Where Are We Heading?

Base-Case Scenario

The Energy Information Administration projects only a slight increase in demand for distillate fuel oil in the current heating season. With healthy growth in projected industrial production boosting diesel demand, muted by an assumption of normal, warmer weather than last winter reducing heating oil demand, overall distillate consumption is projected to increase by 0.5 percent from last winter, to 3.46 million barrels per day (Table FE1 and Figure FE9). The effects of warmer weather compared to last year are expected to offset some of the continued growth in the dominant transportation sector in determining total distillate fuel demand. In the first quarter of 1997, heating oil demand is actually projected to decline slightly from the same period last winter.

At the beginning of the 1996-97 heating season, distillate stocks were 112 million barrels, 15 percent lower than at the same point last year. Given this exceptionally low level of stocks, the outlook is for sharply reduced reliance on stock withdrawals to meet the heightened heating season demand. Stock withdrawals this winter are projected to be 130 thousand barrels per day, in sharp contrast to 230 thousand barrels per day last winter. While so low a level of heating season stock withdrawals is not without historical precedent, it is substantially below the average over the past ten years of nearly 200 thousand barrels per day.

Figure FE9. Winter Distillate Supply/Demand
(Million Barrels per Day)

Note: Net Imports in 1994-95 and 1995-96 were so small that they are imperceptible in this figure. See Table FE1.

This 44 percent drop from last winter in projected stock withdrawals is offset by increased refinery production and net imports of distillate fuel. In absolute terms, the magnitude of these two increments is roughly equal, with each of them contributing about 60 thousand barrels per day over the levels of last winter. In relative terms, however, they are markedly different. The projected increase in refinery production is small, amounting to only 1.7 percent. The projected increase in net imports is huge, amounting to 600 percent, because net imports last winter were barely above zero. Two years earlier, in the winter of 1993-94, the U. S. was a net exporter of some 80 thousand barrels per day of distillate fuel. This winter, the U.S. is projected to be a net importer of 70 thousand barrels per day.

Retail heating oil prices are expected to be higher than last winter, reflecting the combined effects of higher crude oil prices and lower distillate stocks. Heating oil prices are projected to average more than \$1.00 per gallon this heating season, an increase of 10 percent over last winter (Figure FE10). This would make average heating oil prices this winter the highest since 1990-91, when crude oil prices were driven up by the Persian Gulf War. With the assumption of normal weather, distillate demand levels in the first quarter of 1997 are projected to be slightly lower than in the colder first quarter of 1996. This factor, combined with lower expected crude oil prices, leads to a decline in projected heating oil prices by the end of the heating season to about the same level as last winter.

This forecast scenario depends on rapid growth in distillate fuel oil stocks during the fourth quarter. The model projects a net stock build in the fourth quarter of 11 million barrels; on average over the past three years, distillate stocks have been unchanged in this quarter. This scenario also depends on readily available imported distillate fuel, principally on the East Coast.

Severe-Weather Scenario

This scenario assumes that weather, in terms of heating degree days, is 10 percent colder than normal for the entire January-to-March quarter. To derive the alternative case, this percentage deviation was proportionally distributed throughout the quarter and applied to the nation as a whole and to the Northeast, the prime market for heating oil.

Distillate fuel demand for the first quarter of 1997 averages 3.71 million barrels per day in the severe-weather case, higher than the base-case projection by 120 thousand barrels per day, or about 3 percent (Table FE2 and Figure FE9). In absolute terms, refinery production would absorb the largest share of the increased demand, rising by 60 thousand barrels per day over the base case. But this represents an increase of only 2 percent over the base case production level. In relative terms, imports would absorb the largest share of the increased demand. In the severe-weather scenario, net imports rise to 100 thousand barrels per day, 67 percent higher than in the base case. Stock withdrawals would

Figure FE10. Winter Retail Heating Oil Prices
(Dollars per Gallon)

Table FE2. Distillate Fuel Oil Demand and Supply Factors Under Alternative Scenarios, First Quarter, 1996 - 1997

	1Q 1996	1Q 1997 Base Case	1Q 1997 Severe Weather
Demand/Supply (million barrels per day except stocks)			
Demand	3.62	3.59	3.71
Refinery Production	3.12	3.15	3.21
Net Stock Withdrawal.....	0.44	0.38	0.40
Net Imports	0.05	0.06	0.10
Stocks begin/end (million barrels)	130/90	124/89	124/88
Price (dollars per gallon)			
Retail Heating Oil	0.96	1.01	1.05

increase by 20 thousand barrels per day, resulting in stocks of 88 million barrels at the end of the heating season, about the same level as in the base-case forecast and at the end of last winter. The retail price of heating oil in the severe-weather scenario would average \$1.05 per gallon, 4 cents higher than the base case, and 9 cents higher than in the first quarter of 1996 (Figure FE10).

A Few Caveats

There are clearly some limitations and uncertainties in the forecast scenarios described above. Two of them, the characterization of severe weather and the impact of increasing dependence on imported distillate fuel, are addressed here.

The severe-weather scenario provides valuable insight into the overall effects of a cold winter. However, Mother Nature rarely

gives us consistently cooler-than-normal weather over a period as long as 90 days on a nationwide basis. Instead, cold snaps are generally greater in severity, shorter in duration, and more regional than national in scope. Our forecasting resources do not enable us to examine the effects of an occurrence of cold weather that might be more typical in these respects. What we can do instead is look at some particularly cold months in recent history, with a focus specifically on the East Coast (PADD 1), and compare them

to the circumstances of the current heating season.

December 1989 and January 1994 brought some particularly frigid weather to the Eastern U.S. In terms of heating-degree days, PADD 1 was 38 percent colder than normal in December 1989, and 15 percent colder than normal in January 1994. PADD 1 distillate stocks and prices in these sample winters are depicted in Figures FE11 and FE12. Both of these sample winters entered the heating season with substantially greater end-of-September PADD 1 stocks than are available this year, particularly in 1993-94. In December 1989, PADD 1 distillate stocks were drawn down by nearly 15 million barrels, and retail heating oil prices shot up by 21 cents per gallon from the prior month. In January 1994, stock withdrawals were even greater (nearly 21 million barrels) but from a much higher stock level. The heating oil price increase was only 3.5 cents, barely more than the normal

Figure FE11. East Coast Distillate Fuel Stocks in Selected Winters
(Million Barrels)

Figure FE12. East Coast Retail Heating Oil Prices in Selected Winters
(Dollars per Gallon)

seasonal price increase in January. If there is a moral that can be drawn from these two stories, it would be that higher East Coast distillate stocks effectively cushion the price impact of a particularly severe cold snap. As of the beginning of the current heating season, that cushion is a very small one.

In the context of this discussion of weather, it should be noted that the National Oceanographic and Atmospheric Administration (NOAA) forecasts warmer-than-normal temperatures in the Eastern United States during the January-March 1997 quarter. In particular, NOAA projects that temperatures throughout New England and the Middle Atlantic States will be, on average, 5-10 percent warmer than normal.⁷ Given the low level of heating oil stocks in PADD 1, it will be good news indeed if this forecast comes to pass.

The second area of uncertainty relates to the impact of the sharply increased reliance on net imports to meet our projected distillate demand this winter, particularly in the severe-weather scenario. To recap, net imports in the base case are projected to rise from 10 thousand barrels per day last winter to 70 thousand barrels per day this winter (Table FE1). In the severe-weather scenario, they are

projected to average 100 thousand barrels per day in the first quarter of 1997 (Table FE2). Net imports are the aggregate of two components, exports and imports.⁸ Both of these components will be subject to dramatic change from last winter's levels if these projected levels are to be attainable.

Distillate exports are almost entirely out of the West Coast and Gulf Coast. Destinations are predominantly in the Pacific Rim, South and Central America. Through September, they have averaged 165 thousand barrels per day in 1996. Prices of distillate in the U.S. will be subjected to upward pressure if exporters are to be persuaded to market their product domestically instead.

Distillate imports come predominantly from Canada, the Virgin Islands, and Venezuela. Over 90 percent arrive in the U.S. on the East Coast. Through September, they have averaged 218 thousand barrels per day. Even in the base

case, but particularly in the severe-weather scenario, sharply rising U.S. imports will tighten Atlantic Basin supply and exert upward pressure on distillate prices. The East Coast competes primarily with Europe for distillate imports. At the beginning of the current heating season, European distillate stocks were unusually low, just as they were in the U.S. Moreover, distillate prices in Europe were several cents per gallon higher than in this country stimulating an increase in exports from the U.S. to Europe. Prices in the U.S. and Europe will have to converge if they are to compete for imports on equal terms. In the course of the winter, if cold snaps hit both sides of the Atlantic simultaneously, the demand for imports could cause short-term price spikes substantially higher than EIA's forecasts for the winter in either the base case or the severe-weather scenario. Also, cold weather in the U.S. typically means cold weather in Canada, our primary source of distillate imports, exerting further price pressure in Atlantic Basin markets.

On the other hand, we may experience a mild winter on both sides of the North Atlantic, with abundant distillate supplies and softening prices....

⁷Source: Climate Prediction Center, National Oceanographic and Atmospheric Administration, Climate Outlooks Release Date October 17, 1996, accessible via Internet at http://nic.fb4.noaa.gov:80/products/predictions/multi_season/13_seasonal_outlooks/color/page3.gif

⁸Some truths are self-evident.

Propane Market Assessment for Winter 1996 - 1997

by David Hinton & John Zyren*

Summary

This article reviews the major components of propane supply and demand in the United States and their status entering the 1996-1997 heating season. Other influences on prices are also discussed. Finally, a base case and two adverse scenarios are described for the heating season assessment; they focus on inventory levels and residential prices.

The outlook for propane for the 1996-1997 winter heating season (defined as October 1996 through March 1997) is expected to reflect a much tighter market situation, due to low inventories and higher prices, although weather is assumed to return to more normal temperatures compared with colder-than-normal weather experienced during last winter's heating season. Low inventories in the Gulf Coast region, a major supply hub for Midwest and East Coast supplies of

Figure FE1. U.S. Propane Stocks as of September 30, 1989 - 1996

^aAverage level and width of average range based on 3 years of monthly data. The significance of the "average range" is to provide a comparison of actual maximum inventory data for the years shown compared to an average range of maximum inventory data for the most recent 3-year period.

Sources: Data for 1989 through 1995, Energy Information Administration (EIA), *Petroleum Supply Annual* 1989 through 1995, DOE/EIA-0340(89-95), Volume 1, Table 2; data for January through July 1996, EIA, *Petroleum Supply Monthly* 1996, DOE/EIA-0109(96/03-09), Table 2; and data for August through September 1996, EIA, Form EIA-807 "Propane Telephone Survey."

Sources: Data for 1989 through 1995, Energy Information Administration (EIA), *Petroleum Supply Annual* 1989 through 1995, DOE/EIA-0340(89-95), Volume 1, Table 2; data for January through July 1996, EIA, *Petroleum Supply Monthly* 1996, DOE/EIA-0109(96/03-09), Table 2; and data for August through September 1996, EIA, Form EIA-807 "Propane Telephone Survey."

* Michael Burdette, an industry analyst employed by the Energy Information Administration's Office of Oil and Gas, also contributed to this article.

Unless otherwise referenced, data in this article are taken from the following: *Petroleum Supply Monthly*, September 1996, DOE/EIA-0109(96/09); *Petroleum Supply Annual* 1995, DOE/EIA-0340, Volumes 1 and 2 and predecessor reports; *Petroleum Marketing Monthly*, September 1996, DOE/EIA-0380(96/09); *Weekly Petroleum Status Report*, Week Ending October 4, 1996, DOE/EIA-0208(96-39); and *Short-Term Energy Outlook*, DOE/EIA-0202 (96/3Q) and predecessor reports. All data through 1995 are considered final and are not subject to further revision.

Table FE1. Average^a Propane Supply and Price
(Million Barrels per Day Except Where Noted)

Category	Winter 1993-1994	Winter 1994-1995	Winter 1995-1996
Production	0.93	1.00	1.02
Imports	0.12	0.12	0.11
Stock Change	0.20	0.19	0.19
Total Propane Supply ^b	1.25	1.31	1.33
Residential Propane Prices (Cents per Gallon)	88.8	86.3	90.1

^aAverages are calculated by using monthly data for the winter heating season months October through March.

^bTotal propane supply is equal to domestic production, imports, and stock change, as reported in various issues of the *Petroleum Supply Annual*, DOE/EIA-0304, Table 2. Total propane supply overstates product supplied due to the exclusion of exports and refinery inputs.

Sources: Energy Information Administration, *Petroleum Supply Annual*, 1995, DOE/EIA-0240(95), Volume 2, and predecessor reports; and *Petroleum Marketing Monthly*, June 1996, DOE/EIA-0380(96/06), Table 14, and predecessor reports.

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

propane, may be cause for concern if the major propane consuming regions of the Nation experience colder-than-normal temperatures this winter. Despite adequate inventories in the Midwest and East Coast regions, the lack of an inventory cushion in the Gulf Coast region greatly exposes U.S. and regional inventories to the effects of severe winter temperatures, which could result in short-term supply shortages, distribution problems and/or potential price spikes.

As of September 30, 1996, (the beginning of the heating season), inventories of propane totaled 50.4 million barrels, more than 4 million barrels below the normal range for this time of year and the lowest pre-heating season level in 26 years (Figure FE1).

Based on pre-season levels, and assuming normal weather and typical crop-drying demand, U.S. inventories are expected to decline gradually over the course of the heating season, ending at about 21 million barrels on March 31, 1997. Although this projection represents a below average seasonal stock draw of about 29 million barrels, inventories would fall to their lowest end-of-season level in 27 years. Given the same conditions, average residential prices would be expected to rise from about 100 cents per gallon in October to a peak of approximately 105 cents per gallon in January, and remain at this level through the end of the heating season. However, it is anticipated that unexpected variations in winter severity and/or demand components can significantly alter the projections and likelihood of the scenarios discussed in this assessment.

Evaluating the accuracy of last year's assessment of propane supplies, which was based on the same three scenarios, we found that the "Cold Season" scenario¹ was closest to actual weather conditions during the 1995-1996 winter heating season. In this scenario, average temperatures are moderately

colder (there are 10 percent more heating degree-days) throughout the heating season and the nation, with primary stocks ending at approximately 19 million barrels. Comparatively, heating degree-days last winter were about 4 percent above normal throughout the United States, although in some of the major propane-consuming regions heating degree-days were much higher than normal. Stocks remained slightly below the expected path through February but ended the heating season slightly above the path at about 21.7 million barrels by the end of March.

Supply

Demand for propane is met by domestic production at gas processing plants and at refineries, inventory withdrawals, and net imports. During the 1995-1996 winter heating season, domestic production accounted for more than three-fourths of the supply of propane over the period. The remainder of supply was accounted for by inventory withdrawal and imports, with shares of 15 percent and 9 percent, respectively. While domestic production has shown modest gains and has increased its overall share of supply of propane over the last 3 years, inventory withdrawals and imports have trended downward and accounted for smaller shares of propane supply during this same period (Table FE1). However, inventory withdrawals and imports are considered important sources of supply, particularly during peak demand periods during the winter heating season.

Through July 1996, total domestic production of propane averaged slightly over 1.0 million barrels per day, less than 1 percent above the level of production during the same period last year. Despite the small year-to-date gain, propane production remains strong, particularly at refineries where production was up about 2 percent over the same period last

¹Energy Information Administration, *Winter Fuels Report*, Week Ending October 27, 1995, DOE/EIA-0538 (95/96-04) "Propane Assessment for Winter 1995-1996."

year. The increase in refinery production of propane over the last several years has been attributable to higher co-production of other petroleum products such as distillate fuel oil and motor gasoline. Gas processing plant production of propane through July 1996 was relatively flat, compared with last year, although natural gas production (gross withdrawals) volumes are slightly higher this year. Moreover, the respective shares of propane supply from gas plant production and refinery production through July 1996 have remained roughly equivalent. Prior to 1995, natural gas plant production was the dominant source of propane supply.

Inventory withdrawals² provide the second largest source of propane during the winter heating season. Since demand is strongest during the winter heating season, primary stockholders build up their inventories during the spring and summer months as a source of supplemental supply. Inventories typically peak by the end of September with levels over the last five years that have ranged from 51.6 million barrels in 1991, to 61.4 million barrels in 1993. As of September 30, 1996, U.S. inventories stood at an estimated 50.4 million barrels, a level that was more than 4 million barrels below the lower limit of the average range.

Last winter's stock draw totaled 35.5 million barrels, the third highest since the record 42.2 million barrel stock draw during the severe winter of 1976-1977. Despite the large stock draw, its share of total propane supply remained unchanged from the previous winter's 15 percent share even though temperatures were considerably milder that year. By the end of the heating season, propane inventories stood at 21.7 million barrels as of March 31, 1996, their lowest level in more than a quarter century.

From March 31 to September 30, 1996, U.S. stocks of propane were built up by less than 29 million barrels, a level slightly below the average stockbuilds of recent years. With a below-average stockbuild and a low starting level from which stocks were built, total U.S. stocks fell short of their average range by the start of the winter heating season. Although peak inventory levels have varied over the years, industry observers in the past have generally looked for 60 million barrels at the start of the heating season as the minimum needed to meet demand without disruption. With only 50.4 million barrels in inventory at the start of the heating season, coupled with weak prospects for additional imports, propane markets will remain tight this year with little cushion for unexpected demand peaks or supply disruptions.

Imports provide the smallest component of U.S. propane supply. However, imports provide a vital source of supply when consumption rates exceed the rates of available supplies

of propane from domestic production and inventories. Moreover, imports provide an important source for incremental supplies during the stock building period which typically lasts from April to September. Imports supplied slightly less than 9 percent of propane supply during the 1995-1996 heating season, about average compared with imports during recent years. During the first seven months of 1996, propane imports averaged nearly 114 thousand barrels per day, up nearly 21 percent from the same period last year. The increase in imports during 1996 occurred mostly during the first quarter due to cold temperatures that blanketed much of the Midwest and East Coast regions during this time.

Imports of propane are primarily of two origins, by pipeline from Canada and by tanker from such countries as Algeria, Saudi Arabia, Venezuela, Norway, and the United Kingdom.³ Canada is the largest exporter of propane to the United States, accounting for more than two-thirds of all U.S. imports. Because Canada consumes only about half its supply of propane, the remainder is generally exported to the United States via pipeline into the upper Midwest region. As of September 1, 1996, Canadian inventories of specification⁴ grade propane were down more than 7 percent from the same period last year. However, inventories of propane in western Canada, the region from which most imports are derived, were 11 percent above the same year ago level. Through July 1996, Canadian imports totaled about 74 thousand barrels per day, up nearly 16 percent from the same period last year. Canadian imports are expected to remain an important source for incremental supplies of propane throughout the 1996-1997 heating season.

Non-Canadian imports are waterborne supplies mostly from countries in the Persian Gulf, North Africa, the North Sea, and South America. Through July 1996, waterborne imports measured 40 thousand barrels per day, up one-third from imports during the same period last year. Imports were generally higher from countries within these areas except from countries in the North Sea region that saw only slightly lower imports compared with the same year earlier period. Several factors caused the rise in imports during 1996, including continued strong petrochemical feedstock demand for propane and the severe winter, which caused greater heating demand for propane. If waterborne imports are to continue strong into the heating season, then U.S. Gulf Coast spot prices of propane must remain several cents above comparable European spot prices of propane in order to attract surplus cargoes to U.S. shores.

Regionally, propane inventories as of September 30, 1996, are within their respective normal ranges for this time of year in the East Coast and Midwest regions but are significantly below the

²"Inventory withdrawals" is the same as "Stock Change" as reported in the *Petroleum Supply Annual*, DOE/EIA-0340, Table 2.

³Propane imports by country of origin are derived from Form EIA-814.

⁴The National Energy Board of Canada reports propane inventories as "Specification" grade (pure propane) and "mix" grade (propane mixed with ethane and/or butane).

Figure FE2. Propane Stocks (in Million Barrels) of Major Petroleum Administration for Defense (PAD) Districts, September 30, 1994-1996

Sources: Energy Information Administration (EIA), *Petroleum Supply Annual 1994*, DOE/EIA-0340(94)/2, Volume 2, and predecessor reports; and *Winter Fuels Report, Week Ending: October 6, 1995*, DOE/EIA-0538 (95/96-1).

normal range in the Gulf Coast region. The East Coast (PAD District I), particularly New England (PAD District IX), are most susceptible to supply disruptions because of limited production and pipeline capacities and reliance on waterborne imports for supplemental supplies. Consequently, East Coast propane markets have the lowest concentration of residential households using propane as their main heating fuel. A strong summer stock build propelled East Coast inventories to 5.3 million barrels by September 30, a level above its normal range for this time of year and the highest September level in 15 years (Figure FE2). Propane inventories in the East Coast, including New England, are expected to be adequate for this winter.

The Midwest region (PAD District II) contains the highest concentration of residential heating customers of any region in the nation. The Midwest is also less susceptible to supply disruptions because of its vast pipeline network, its close proximity to the major supply hubs, and its steady flow of imports from Canada. However, the region has not been completely immune to supply problems during past winters, when extremely cold temperatures caused some short-term distribution problems. Although severe winter weather left Midwest inventories at their lowest level in more than a quarter

century, an above average stock build over the summer brought inventories to within the normal range by the start of the 1996-1997 heating season. As of September 30, 1996, Midwest inventories measured 23.5 million barrels, a level adequate to meet normal winter demand.

The Gulf Coast region (PAD District III) produces in excess of the region's demand for propane and possesses the vast majority of the nation's storage capacity. Moreover, the region contains the largest concentration of petrochemical plants in the United States. Petrochemical plants are capable of consuming large volumes of propane as feedstock in their chemical operations and comprise the largest consuming sector of propane. Because of these factors, the Gulf Coast region is considered the nation's primary propane supply hub. Contrary to the above average stock builds in the East Coast and Midwest regions, the build-up of Gulf Coast inventories over this same period was much weaker. Furthermore, the base from which Gulf Coast stocks began building was the lowest since 1970. Between April and September, Gulf Coast stocks increased by about 8 million barrels and reached only 19.9 million barrels by September 30, the lowest pre-heating season level in 27 years. Gulf Coast stocks of propane remain significantly below

the normal range for this time of year. Consequently, the potential exists for tight propane supplies in the Gulf Coast region this winter if petrochemical demand for propane remains strong during the winter months and extreme cold weather is experienced in any of the major propane-consuming regions of the nation.

Demand

The primary factors that affect propane demand in the United States are propane prices, crude oil and natural gas prices, macroeconomic growth, and weather. Although propane demand continued to grow during 1995, the rate of growth was considerably lower than in previous years. Between 1990 and 1994, propane demand averaged a growth rate of more than 4 percent per year. However, propane demand grew by only a modest 1 percent during 1995. Through July 1996, propane demand was up 4 percent over demand during the same period last year due mostly to colder weather during the first quarter of the year. Expectations for the 1996-1997 winter heating season are for moderate economic growth and a return to normal weather.

Propane is consumed by a wide variety of end use markets, including residential/commercial, industrial, petrochemical, agricultural, transportation, and utility. Petrochemical and residential/commercial demand for propane account for about three-fourths of the overall market for propane. However, their respective market shares may vary from year to year depending on economic conditions and weather. Agricultural, transportation, and utility demand account for the remaining one-fourth market share.

Residential/commercial markets consume propane for space heating, water heating, cooking, and clothes drying. Because space heating requirements constitute the largest use within this market sector, coupled with the high concentration of space heating customers in the Midwest regions (PAD District II), residential/commercial sector demand is both seasonal and weather-dependent. Although severe weather in prior years has caused supply problems, increased use of residential/commercial storage capacity can be very effective in minimizing the potential for propane market disruptions. Despite last winter's cold temperatures, the propane distribution system exhibited great flexibility in meeting residential/commercial sector demand without any major disruptions.

The petrochemical industry constitutes the largest market for propane and is concentrated primarily on the Gulf Coast region (PAD District III). Petrochemical plants use propane primarily as a feedstock in the manufacture of plastics and chemicals. Moreover, propane competes with other feedstocks on the basis of price and availability.

Continued economic growth has kept petrochemical feedstock demand for propane relatively strong during 1996, although the rate of growth may be slowing compared with last year's. Through August 1996, petrochemical feedstock consumption for propane averaged 311 thousand barrels per day. This compares with 340 thousand barrels per day during the same period during 1995. The level of petrochemical sector demand for propane is critical because of its potential impact on Gulf Coast inventories, particularly during the heating season. Consequently, with inventories in the Gulf Coast at their lowest level in 27 years, combined with relatively strong petrochemical demand for propane, the potential for spot shortages and/or supply disruptions this winter are much greater.

Agricultural demand for propane accounts for the smallest market share of propane. Typical applications include crop drying, flame weeding, tobacco curing, defoliation, poultry brooding, frost protection, and use as a fuel to power farm equipment and irrigation. However, the largest application is for crop drying (corn), particularly in the Midwestern States of Iowa, Illinois, Nebraska, Minnesota, and Ohio. The level of crop drying demand for propane can vary greatly from year to year depending on crop size, moisture content, and weather. Although small in comparison to other end use markets, agricultural demand has caused supply problems during past years.

The U.S. Department of Agriculture forecasts the 1996 corn crop at 8.8 billion bushels, the fourth largest on record and 19 percent above last year's corn harvest. The forecast reflects a 12-percent increase in planted acreage, the highest since 1985, and an expected 6-percent increase in yield.⁵ Because of the considerable size of this year's corn harvest, crop drying demand for propane may be higher than normal. However, with Midwest inventories positioned well within the normal range and assuming normal weather through the harvest season, crop drying demand is not expected to significantly impact inventories in the region.

Prices

Market prices for propane are influenced by many factors, including prices for crude oil, natural gas, and competing products, and the propane supply/demand balance. In the United States, the benchmark prices for propane throughout the industry are the daily spot market quotations at Mont Belvieu, Texas, and Conway, Kansas, and the NYMEX futures prices, also for delivery at Mont Belvieu. Mont Belvieu is a storage and distribution hub for the Gulf Coast area, and serves primarily the petrochemical industry, while Conway serves the same function in the mid-continent area. Both centers are connected to the pipeline networks serving residential and commercial markets throughout the eastern United States. However, limited pipeline capacity between the two centers

⁵ *Agricultural Outlook*, Economic Research Service, U.S. Department of Agriculture, October 1995, AO-233, p. 2.

sometimes leads to price disparities during high-demand periods.

U.S. propane prices remained relatively stable through most of the 1995-1996 heating season until early February, when the effects of cold weather and unseasonably low inventories caused propane prices to spike to nearly 50 cents per gallon at Mont Belvieu, Texas. Spot prices⁶ at both Mont Belvieu and Conway drifted downward and ended the heating season at about 35 cents and 36 cents per gallon, respectively. Between April and July, propane prices remained unseasonably high in contrast to typically falling prices during this period. By early August, higher crude oil prices and concern over low inventories again caused propane prices to rise and, by the end of September, propane prices were at parity at about 50 cents per gallon at both trading hubs.

West Texas Intermediate (WTI) crude oil prices hit a yearly low of about \$17 per barrel by the end of January, then climbed to about \$25 by early April, and began the heating season at about \$24. Spot prices for natural gas, the other major source of propane, spiked in early February, but then gradually declined through the summer before turning up slightly prior to start of the heating season.

Low inventories and the July explosion at the Cactus Gas Plant in Mexico are the other major factors that drove up propane

spot prices at the two major trading hubs this year. In particular, speculation of when the Cactus Gas Plant will be brought back online is a major concern of propane traders at the moment. With winter weather drawing nearer, traders are concerned about the availability of future supplies but, at the same time, are being cautious of propane's current high prices. If traders are overly aggressive in their purchases and the Cactus plant unexpectedly comes back online, propane prices will most likely tumble from their unseasonal highs and cause short-term trading losses. However, it is also believed that if the plant does start up before winter, many of the cargoes that Mexico contracted with Saudi Arabia would end up coming to the U.S. Gulf Coast instead.

Assessment Scenarios

Given the status of propane supply, demand, and price levels at the beginning of the heating season, the expected conditions over the course of the season can be estimated on the basis of assumptions about the variables that affect the propane markets. For the purposes of this assessment, Scenario 1 (base case) assumes winter temperatures (as measured by heating degree-days)⁷ being equal to the historical (1961-1990) average, and all other non-weather-related demand and supply factors remaining at typical historical levels. In order to test the responsiveness of propane markets and supplies to various conditions, two alternative scenarios were considered.

⁶Spot prices quoted are from Reuters Information Services, Inc.

⁷Heating degree-days are the number of degrees that the daily average temperature falls below 65 degrees Fahrenheit.

Figure FE3. Effect of Alternative Weather Scenarios on Propane Stock Assessment

Sources: September 1996: Energy Information Administration, Form EIA-807, "Propane Telephone Survey"; October 1996 - March 1997: Estimates derived from the Propane Market Model (DOE/EIA-M055).

Scenario 2 (cold season) assumes uniformly colder temperatures (10 percent more heating degree-days) for the entire October-through-March heating season. Scenario 3 (cold winter) assumes a concentration of extreme winter temperatures (17 percent more heating degree-days) during the second half (January through March) of the heating season.

On the basis of current inventory levels and projected supply and demand, the expectation for the 1996-1997 winter heating season is for tight supplies and higher prices. This expectation is based on the facts of below normal inventories for the start of the heating season and prices that are at their highest level since the Persian Gulf War. Assuming average temperatures and typical crop drying demand, stocks are projected to gradually decline over the course of the season, reaching a level of 21 million barrels by the end of March 1997⁸ (Figure FE3). This level is less than 1 million barrels below last year's level and the lowest level since 1970. Under this projection, the total propane stockdraw over the heating season would be about 29 million barrels, about 4 million barrels below the stockdraw of the past 5 years. Average residential prices would be expected to increase seasonally from about 100 cents per gallon in October to a winter peak of 105 cents in January. Prices would

fluctuate downward during February, but would end the heating season at about 106 cents per gallon (Figure FE4). Even though the outlook calls for normal winter weather, (i.e., warmer than last winter), these prices are significantly higher than those experienced last year. This scenario is due in part to lower inventories as of the beginning of the heating season; lower inventories are a precursor of a tight supply situation over the course of the winter.

If, instead of average temperatures, the weather is substantially colder (10 percent more heating degree-days) throughout the heating season and the nation, propane supplies and prices in the United States would be significantly affected. Inventories would decline at a faster rate over the entire season and would end March at about 17.4 million barrels, about 4 million barrels lower than both the normal scenario and the 1996 levels. Residential propane prices would rise through the heating season to 108 cents per gallon by March.

Under a different severe weather scenario, where the colder weather is concentrated in a 3-month period, rather than spread evenly throughout the heating season, the 10-percent increase in heating degree-days for the season, applied entirely to the

⁸To evaluate the scenarios, the Propane Market Model (DOE/EIA-M055) was used to forecast the retail price and demand (product supplied) of propane. The model uses historical monthly data series covering the January 1991 through July 1996 time period, and also uses EIA forecasts of imported crude oil price for its projections. The model consists of a two-equation system estimated by ordinary least squares with correction for autocorrelation and a provision for the calculation of end-of-month stock levels.

Figure FE4. Effect of Alternative Weather Scenarios on Residential Propane Price Assessment

Sources: September 1996; 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," October 1996 - March 1997; Estimates derived from the Propane Market Model (DOE/EIA-M055).

months of January through March (representing a 17-percent increase for those months), would actually result in a slightly lower end-of-season inventory level. U.S. propane stocks would be projected to end the season at 17.1 million barrels, due to the shorter period of time available for incremental volumes of production and imports to respond to the higher

demand during the peak winter months. The impact of this scenario on residential prices would be more significant. With colder weather concentrated in the second half of the season, the projected result would be higher prices only during the winter months, but still end at the same 108 cents per gallon level.

Highlights

Highlights

With tensions between Iraq and the United States flaring up again and indefinitely delaying the U.N./Iraq oil-for-food deal, international crude oil prices increased substantially during the first half of September, reaching some of the highest levels in 1996 thus far. Aggravating the political situation, persistent concerns about adequate supplies of heating fuels in European and North American markets remained a significant force behind rising prices as reports of trim stock levels for both crude oil and finished products continued. Additionally, global demand for crude oil has remained strong and constant during recent months, and year-on-year data indicates solid growth from last year's level with demand increasing from non-western industrialized nations. By mid-month crude oil prices eased as tensions in the Middle East began to abate, and by the circulation of a false report that indicated the United States had requested Saudi Arabia to increase its crude oil production level. During the final week of September, prices began to creep upward as concerns over short supplies of crude oil and distillate products in various markets came to the forefront once again.

With the exception of gasoline, finished product prices experienced significant increases in many U. S. spot markets during September. The most notable price movements were for distillates which reached levels approaching last spring's remarkable ranges, amid fears of whether supplies would be adequate to meet demand during the coming 1996/97 winter. At the U.S. level, estimates indicate that September 1996 stock levels of distillate fuel oil were 12.8 percent lower than year-ago

levels. While production rates for distillate fuel oil increased during the second half of the month, preliminary estimated data depict stocks dropping marginally during the last week of the month. At the regional level, end-of-month estimates show PADD I (encompassing the U. S. East Coast) to be the most affected by stock declines with a greater than 30-percent reduction from the September 1995 level. Accordingly, prices at New York Harbor rose steadily over the course of the month. In contrast to distillate fuel oil, preliminary estimates for motor gasoline show that finished gasoline stocks grew over the course of the month while demand eased slightly, and both elements were on par with year-ago levels. Data on operable refinery capacity utilization rates show incremental rises throughout the month and year-on-year rates to be only marginally lower than at this time last year.

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					
	September 1996		August 1996		September 1995		September 1996		August 1996		September 1995	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor Gasoline	84.4	57.9	84.9	59.7	75.8	56.6	71.6	286.3	71.1	306.9	62.3	294.6
Conventional	83.1	37.6	82.5	39.6	74.8	41.0	69.2	194.4	68.2	211.5	60.1	216.5
Regular	79.4	26.5	78.8	27.8	70.6	27.4	67.1	148.9	66.1	161.5	57.7	159.3
Midgrade	88.2	6.0	87.9	6.3	79.3	6.8	73.3	16.6	72.2	17.9	63.9	19.6
Premium	95.9	5.2	95.3	5.6	87.4	6.8	78.0	29.0	76.5	32.1	68.6	37.7
Oxygenated	99.8	1.4	99.2	1.3	86.0	0.8	85.1	4.1	84.8	3.2	70.9	5.7
Regular	97.3	1.0	96.8	1.0	83.1	0.6	83.2	3.1	83.2	2.4	69.4	4.4
Midgrade	104.4	0.2	104.3	0.2	85.1	0.1	88.4	0.5	87.9	0.3	72.4	0.5
Premium	111.2	0.2	111.7	0.1	99.6	0.1	93.5	0.5	91.3	0.4	77.6	0.9
Reformulated	86.0	18.9	88.8	18.8	78.1	14.8	76.2	87.8	77.2	92.3	68.3	72.4
Regular	81.1	12.1	84.0	12.0	72.2	8.3	72.6	57.5	73.4	61.1	63.9	43.0
Midgrade	90.8	3.5	93.7	3.5	80.2	3.2	79.8	11.4	81.5	11.9	70.2	10.5
Premium	98.8	3.3	101.0	3.3	90.7	3.3	85.0	19.0	86.4	19.3	77.2	18.9
Aviation Gasoline	114.3	0.2	114.4	0.2	101.3	0.2	106.8	0.7	107.1	0.9	98.7	0.7
Kerosene-Type Jet Fuel	71.8	51.2	65.1	50.3	55.7	45.4	71.6	10.0	64.5	11.7	55.2	10.2
Propane (Consumer Grade)	53.3	4.2	53.4	2.4	45.7	3.0	45.3	30.4	38.9	30.2	33.8	28.0
Kerosene	76.4	0.3	69.5	0.2	57.3	0.5	75.6	2.0	66.6	1.1	58.0	1.8
No. 1 Distillate	77.5	0.2	71.0	0.2	64.5	0.2	83.3	0.9	76.7	0.4	68.3	1.0
No. 2 Distillate	72.8	24.0	66.4	24.8	57.3	25.0	71.0	112.1	64.3	111.3	54.8	106.6
No. 2 Fuel Oil	72.1	2.6	66.1	2.6	56.2	2.9	68.7	26.9	62.1	23.9	52.0	24.4
No. 2 Diesel Fuel	72.9	21.4	66.4	22.1	57.4	22.1	71.7	85.2	64.9	87.4	55.7	82.1
Low Sulfur	74.6	14.2	68.5	14.3	58.8	14.5	72.0	71.6	65.5	72.3	56.3	67.1
High Sulfur	69.6	7.2	62.8	7.8	54.9	7.5	70.1	13.7	62.1	15.0	53.0	15.1
No. 4 Fuel^a	58.5	0.2	52.5	0.2	49.9	0.2	57.2	0.2	54.7	0.1	43.5	0.3
Residual Fuel Oil	44.6	9.5	41.3	11.7	35.1	11.8	41.2	13.4	39.3	16.2	33.8	13.4
Sulfur Content not > 1 %	50.3	2.2	48.6	3.0	39.0	2.5	42.8	4.5	42.0	6.3	36.4	7.5
Sulfur Content > 1 %	42.9	7.3	38.8	8.7	34.0	9.3	40.4	8.9	37.6	9.9	30.4	5.9

^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."

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

Crude Oil

At Cushing, Oklahoma, the September daily spot price for West Texas Intermediate crude oil reflected the overall upward trend seen in international crude oil markets. In reaction to the tensions between Iraq and the United States, and to stock drawdowns, the price quickly rose from its opening level of \$22.25 per barrel and reached the month's high of \$24.95 per barrel on September 12. After some fluctuation during the middle of the month, the price closed at \$24.20

per barrel, \$1.95 per barrel higher than where it began.

- September average crude oil prices rose considerably in all categories of sales. The average domestic crude oil first purchase price increased \$1.69 per barrel (9.2 percent), to \$19.98 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil climbed \$1.77 (9.2 percent), to \$21.02 per barrel. The average landed cost of foreign crude oil rose \$1.71 (8.5 percent), to \$21.91 per barrel.
- The average refiner acquisition cost of domestic crude oil experienced the smallest amount of increase, rising \$1.33 (6.5 percent), to \$21.88 per barrel. The average cost of imported crude oil to U.S. refiners rose more than any other category of sales,

jumping \$2.07 (10.2 percent), to \$22.35 per barrel. The composite refiner acquisition cost of crude oil in the United States rose \$1.70 (8.3 percent), to \$22.11 per barrel.

Petroleum Products

Motor Gasoline

Initially following the pattern of crude oil and other products, the daily spot price for unleaded gasoline at New York Harbor faltered and lost considerable ground during the middle of the month. Opening at 60.2 cents per gallon, the price rose sharply during the first week of the month based on reports of stockdraws and political tensions. Subsequent to reaching the high of 65.3 cents per gallon on September 11, the price fell steadily and hit the month's low of 58.7 cents per gallon on September 23. After regaining some upward momentum, the price closed at 61.6 cents per gallon, 1.4 cents higher than where it began.

- Monthly average prices for September gasoline sales show only small changes in any given category of sales. The average refiner motor gasoline retail price dropped 0.5 cent to 84.4 cents per gallon, while the average wholesale price gained 0.5 cent and rose to 71.6 cents per gallon. Including data reported by the sample of motor gasoline marketers, the national average retail price decreased 0.2 cent, to 84.6 cents per gallon, at company-operated retail outlets. The average wholesale price inched up 0.5 cent, to 71.7 cents per gallon, while the average dealer tank wagon (DTW) price for motor gasoline dropped 0.6 cent, to 78.1 cents per gallon. The average rack price increased 1.0 cent to 69.6 cents per gallon. The average bulk sales price rose slightly, gaining 0.9 cent to 62.5 cents per gallon. The price spread between reformulated and conventional gasoline decreased again at both levels during September, falling to 2.7 cents at retail and 5.6 cents at wholesale. The margins between conventional and oxygenated gasoline prices rose to 15.4 cents at retail and dropped to 14.8 cents at wholesale.
- September sales of finished motor gasoline by refiners show decisive reductions from August levels. Total sales of gasoline fell 22.4 million gallons

per day (6.1 percent), to 344.2 million gallons per day. Retail sales dropped 1.8 million gallons per day (3.0 percent), while wholesale sales plunged 20.6 million gallons per day (6.7 percent). Rack sales accounted for 60.9 percent of refiner wholesales, while DTW and bulk sales made up 26.8 percent and 12.3 percent, respectively. Reformulated gasoline (RFG) constituted 31.0 percent of total motor gasoline sales, while oxygenated gasoline accounted for 1.6 percent of sales.

No. 2 Distillate

The September daily spot price for No. 2 heating oil at New York Harbor continued on the upward track begun in August, driven by continuing reports of low stock levels and strong demand. The price opened at 62.6 cents per gallon and rose for most of the month until reaching 71.5 cents per gallon on September 25, the highest price for the product since last spring's record setting levels. Closing at 71.4 cents per gallon, the price ranged 7.6 cents over the course of September and was 8.8 cents higher than where it began.

- As was the case in August, monthly average prices for No. 2 distillate rose in all categories of sales during September. The national average residential price rose 6.5 cents to 94.5 cents per gallon. The average wholesale price also gained 6.5 cents, climbing to 71.3 cents per gallon. The average price of No. 2 diesel fuel increased 5.8 cents per gallon at company-operated retail outlets and rose 6.6 cents per gallon at wholesale. The margins between low- and high-sulfur diesel fuel prices shrank during September, falling to 2.3 cents per gallon at retail and to 1.6 cents at wholesale.
- Total refiner sales of No. 2 distillate rose only minimally during September, gaining 100,000 gallons per day (0.1 percent), to 136.1 million gallons per day. However, sales of No. 2 fuel oil soared by 3.0 million gallons per day (11.3 percent) while No. 2 diesel fuel sales fell 2.9 million gallons per day (2.6 percent). Sales of Low-sulfur diesel fuel accounted for an increasing share of all refiner diesel fuel sales, 80.5 percent, but a slightly smaller portion, 63.0 percent, of all refiner No. 2 distillate sales.

Residual Fuel Oil

- September residual fuel oil prices show notable increases in most categories of sales. Refiner prices for low-sulfur residual fuel rose 1.7 cents to 50.3 cents per gallon for retail but only gained 0.8 cent at wholesale, rising to 42.8 cents per gallon. Refiner high-sulfur residual fuel prices jumped 4.1 cents to 42.9 cents per gallon at retail and rose 2.8 cents to 40.4 cents per gallon at wholesale. Including data reported by the sample of residual fuel oil marketers, the average low-sulfur price increased 2.9 cents to 48.8 cents per gallon at retail and 1.4 cents to 43.3 cents per gallon at wholesale. The average retail price for high-sulfur residual fuel climbed 2.8 cents, to 42.3 cents per gallon while the wholesale price rose 2.7 cents to 40.7 cents per gallon at wholesale.
- Total refiner sales of residual fuel oil fell in all categories, with sales dropping to 22.9 million gallons per day. Low-sulfur residual fuel sales decreased 2.6 million gallons per day (28.0 percent), while high-sulfur fell 2.4 million gallons per day (12.9 percent).

Other Products

- With the exceptions of aviation gasoline and retail sales of propane, prices for the products in this section show marked increases at both retail and wholesale levels. Refiner propane prices rose 6.4 cents per gallon at wholesale but fell 0.1 cent per gallon at retail. Including the sample of propane marketers, the average residential propane price increased 4.4 cents per gallon, while the average end-user price rose 2.5 cents; the average wholesale price gained 6.2 cents per gallon. Refiner prices for kerosene-type jet fuel show ample increases again this month, rising 6.7 cents per gallon at retail and 7.1 cents at wholesale. Aviation gasoline prices remained essentially flat in both categories while prices for No. 1 distillate, No. 4 distillate, and kerosene rose at both levels.
- Refiner sales of other products show mostly marginal changes from last month's levels. Sales of propane increased 1.8 million gallons per day at retail and 200,000 gallons per day at wholesale. Kerosene-type jet fuel sales rose 900,000 gallons per day at retail and dropped 1.7 million gallons per day at wholesale. Sales of aviation gasoline, No. 1 distillate, No. 4 distillate, and kerosene showed only slight changes at both 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	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	14.71	15.65	16.74	17.16	17.21	17.18
March	14.68	15.88	17.04	17.31	17.21	17.26
April	15.84	17.28	18.26	18.20	18.70	18.43
May	15.85	17.30	18.18	18.68	18.56	18.62
June	15.02	15.91	17.07	17.94	17.43	17.69
July	14.01	14.82	15.96	16.85	16.50	16.68
August	14.13	15.05	16.10	16.96	16.54	16.75
September	14.49	15.24	16.38	17.12	16.71	16.91
October	13.68	14.68	15.87	16.82	16.29	16.55
November	14.03	15.30	16.30	16.73	16.52	16.62
December	15.02	16.06	17.05	17.55	17.53	17.54
1995	14.62	15.69	16.78	17.33	17.14	17.23
1996						
January	15.42	16.13	17.27	17.97	17.51	17.75
February	15.55	16.85	17.81	18.10	17.78	17.95
March	17.63	18.77	19.62	19.63	19.80	19.71
April	19.58	19.56	20.73	21.88	21.26	21.60
May	17.96	18.34	19.61	21.15	20.14	20.63
June	16.94	17.61	18.83	19.29	19.03	19.15
July	17.63	18.22	19.35	19.89	19.61	19.75
August	18.29	19.25	20.20	20.55	20.28	20.41
September	19.98	21.02	21.91	21.88	22.35	22.11

^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	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	54.0	67.4	59.2	53.2	57.3	53.9	50.5	40.2
February	73.3	99.8	52.2	55.6	62.8	59.1	53.1	56.9	53.8	50.1	39.8
March	73.1	99.0	50.5	53.9	59.4	60.0	53.4	55.3	53.6	51.0	40.5
April	77.3	101.3	52.8	46.6	56.1	62.5	56.5	56.2	56.5	48.9	40.3
May	83.4	105.8	55.0	43.1	51.7	61.7	57.9	56.2	57.7	50.9	42.2
June	83.9	106.4	53.2	42.9	54.9	59.7	55.7	52.7	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	38.1
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	49.3	56.5	62.9	56.5	54.1	56.2	48.9	35.9
November	71.8	95.4	57.0	51.7	62.8	68.0	58.2	58.7	58.3	52.2	37.4
December	73.0	96.0	59.2	55.0	70.0	66.2	59.3	62.3	59.8	57.3	43.2
1995	76.5	100.5	54.0	49.2	58.9	62.0	56.0	56.2	56.0	50.5	39.2
1996											
January	74.6	97.6	61.3	63.7	71.8	65.1	59.0	63.2	59.8	60.4	47.9
February	74.8	100.6	56.9	64.6	73.4	66.6	60.0	63.8	60.7	58.5	44.9
March	79.8	105.0	59.0	63.0	68.8	71.0	64.4	66.8	64.7	61.8	44.6
April	88.1	111.2	66.0	57.0	80.5	75.9	71.9	70.0	71.6	65.1	45.3
May	92.7	114.4	63.3	49.5	61.4	73.7	69.8	64.9	69.3	63.2	43.3
June	90.3	113.5	57.7	48.5	55.7	64.4	62.2	57.5	61.7	53.8	40.8
July	87.5	113.7	60.3	50.8	64.6	65.1	62.3	59.4	62.0	50.8	41.0
August	84.9	114.4	65.1	53.4	69.5	71.0	66.4	66.1	66.4	52.5	41.3
September	84.4	114.3	71.8	53.3	76.4	77.5	72.9	72.1	72.8	58.5	44.6

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

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

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

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

Figure 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	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	45.1	3.9	0.6	0.6	20.1	3.6	23.7	0.9	12.8
February	54.1	0.2	44.6	4.0	0.8	0.6	21.2	4.2	25.4	0.9	13.9
March	55.6	0.2	44.5	3.0	0.6	0.4	21.7	3.3	25.0	0.7	12.0
April	55.5	0.2	44.4	3.3	0.6	0.2	21.1	3.0	24.1	0.4	11.0
May	56.2	0.2	45.9	3.3	0.4	0.1	21.8	2.9	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	45.8	2.7	0.8	0.1	20.6	2.6	23.2	0.3	10.2
August	58.3	0.3	47.7	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	55.6	0.2	46.6	2.9	0.7	0.2	22.0	3.1	25.1	0.2	10.6
November	55.9	0.2	46.8	3.3	0.7	0.3	22.6	3.6	26.2	0.4	11.8
December	56.5	0.2	44.6	4.1	0.7	0.5	20.6	4.1	24.7	0.6	12.7
1995	55.9	0.2	45.7	3.2	0.6	0.3	21.6	3.3	24.9	0.5	11.6
1996											
January	52.6	0.2	46.4	3.3	0.8	0.6	20.3	4.6	24.9	0.9	14.4
February	54.5	0.2	46.8	4.0	0.7	0.6	21.8	5.0	26.8	0.9	15.0
March	56.4	0.2	47.8	2.9	0.7	0.3	21.2	3.3	24.6	0.5	12.8
April	56.9	0.2	48.1	2.7	0.3	0.2	22.6	3.1	25.7	0.4	11.9
May	57.8	0.2	49.0	2.6	0.6	0.1	22.9	2.8	25.7	0.3	10.6
June	59.2	0.2	50.1	2.2	0.7	0.2	22.0	2.7	24.7	0.3	11.3
July	58.9	0.2	50.3	2.1	0.2	0.1	21.7	2.4	24.1	0.3	11.7
August	59.7	0.2	50.3	2.4	0.2	0.2	22.1	2.6	24.8	0.2	11.7
September	57.9	0.2	51.2	4.2	0.3	0.2	21.4	2.6	24.0	0.2	9.5

^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	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	60.0	92.9	52.2	35.6	56.6	58.9	50.1	49.4	49.8	46.1	36.6
February	60.3	93.2	52.0	34.5	55.2	57.9	50.6	49.2	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	54.7	50.5	53.4	45.6	36.5
May	71.8	102.2	54.7	33.1	57.7	62.7	55.9	52.4	55.0	48.7	38.8
June	68.2	101.6	53.1	32.6	53.2	58.7	52.6	49.4	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	96.3	54.1	34.4	57.0	64.3	54.6	50.5	53.7	46.1	34.1
November	58.0	94.2	56.3	34.7	60.5	65.8	56.3	53.4	55.4	46.0	34.4
December	59.9	95.3	58.6	37.9	64.0	66.9	57.6	57.3	57.5	51.6	40.6
1995	62.6	97.5	53.9	34.4	58.0	62.5	53.8	51.1	53.0	46.3	36.3
1996											
January	61.1	95.7	60.3	41.6	65.8	65.0	56.2	56.8	56.4	60.3	45.2
February	61.6	96.5	57.2	44.1	65.7	66.6	57.9	58.9	58.2	58.2	40.3
March	68.0	100.6	59.6	41.1	67.8	70.5	61.9	62.8	62.2	59.1	42.0
April	76.1	107.5	65.3	37.8	75.1	78.2	70.1	67.5	69.4	61.6	43.7
May	78.1	110.0	62.2	36.2	66.1	79.2	67.0	61.1	65.7	57.8	41.0
June	73.0	107.0	57.5	36.2	59.8	69.3	59.1	53.7	57.8	54.3	37.5
July	72.3	105.3	59.6	36.9	61.7	69.8	60.0	57.1	59.3	51.8	38.9
August	71.1	107.1	64.5	38.9	66.6	76.7	64.9	62.1	64.3	54.7	39.3
September	71.6	106.8	71.6	45.3	75.6	83.3	71.7	68.7	71.0	57.2	41.2

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

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

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

Marketing Annual.

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	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	262.3	0.4	8.8	38.3	4.5	3.7	65.2	39.1	104.3	0.7	18.0
February	276.3	0.5	9.1	43.8	4.9	3.0	67.8	44.5	112.3	0.6	17.7
March	281.9	0.6	8.8	29.6	2.0	1.5	72.0	34.7	106.7	0.5	14.5
April	278.2	0.6	8.8	24.0	1.0	0.5	74.2	31.6	105.8	0.2	10.5
May	291.4	0.7	9.4	22.7	0.6	0.4	75.5	24.8	100.3	0.2	11.0
June	303.7	0.7	9.1	23.8	0.7	0.4	82.5	25.7	108.2	0.1	11.3
July	294.1	0.8	9.6	24.1	0.7	0.3	75.4	22.3	97.7	0.2	11.8
August	305.4	0.8	10.0	27.0	1.1	0.7	81.8	22.2	104.0	0.1	12.5
September	294.6	0.7	10.2	28.0	1.8	1.0	82.1	24.4	106.6	0.3	13.4
October	290.5	0.6	11.1	29.7	2.0	1.6	85.0	25.6	110.7	0.1	12.1
November	294.7	0.5	11.4	35.2	3.9	3.7	77.7	33.4	111.1	0.6	12.5
December	291.7	0.4	12.7	41.6	5.6	3.9	71.5	44.4	115.8	0.6	18.4
1995	288.8	0.6	9.9	30.6	2.4	1.7	75.9	31.0	106.9	0.3	13.6
1996											
January	264.0	0.4	12.7	44.0	6.2	4.3	72.4	46.1	118.5	0.5	16.6
February	283.9	0.5	13.2	41.0	5.9	3.5	78.0	45.3	123.4	0.5	15.0
March	280.7	0.5	11.8	32.1	3.2	1.3	82.4	36.9	119.3	0.5	16.6
April	300.1	0.6	12.4	27.3	1.4	0.4	89.1	31.2	120.3	0.3	13.4
May	301.8	0.7	11.2	22.2	0.9	0.2	85.8	24.9	110.8	0.2	12.7
June	307.3	0.7	10.0	23.1	0.6	0.3	83.7	25.9	109.6	0.1	14.1
July	310.6	0.8	11.1	25.0	0.7	0.3	86.5	23.2	109.7	0.2	14.1
August	306.9	0.9	11.7	30.2	1.1	0.4	87.4	23.9	111.3	0.1	16.2
September	286.3	0.7	10.0	30.4	2.0	0.9	85.2	26.9	112.1	0.2	13.4

^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	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	49.8	56.4	80.0	79.3	73.5	58.6	W	65.2
February	68.9	68.3	66.4	54.6	51.0	56.7	78.6	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	62.5	57.4	63.2	82.1	81.6	74.9	66.9	W	70.4
May	79.3	78.9	74.5	67.9	62.6	68.6	88.3	87.8	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	53.7	59.4	85.2	84.6	76.7	60.9	W	67.7
August	72.8	72.2	67.9	57.2	53.2	58.8	81.7	81.1	72.8	61.2	NA	66.1
September	71.7	71.2	66.9	58.1	53.9	59.2	80.1	79.7	71.7	61.9	W	66.2
October	69.2	68.6	65.6	53.3	50.2	55.4	78.3	77.8	70.7	57.5	-	63.2
November	67.4	66.8	63.7	53.3	48.9	54.7	76.8	76.3	69.0	57.3	-	62.4
December	68.6	68.1	64.6	55.3	50.8	56.5	77.7	77.3	69.9	59.6	-	64.2
1995	72.3	71.7	68.2	57.6	53.4	59.3	81.3	80.8	73.7	61.9	NA	67.0
1996												
January	70.3	69.7	66.3	55.9	52.1	57.7	79.5	79.0	71.8	60.4	-	65.5
February	70.5	69.9	66.4	57.0	53.0	58.4	79.8	79.3	72.2	61.1	-	66.1
March	75.8	75.3	70.9	64.0	59.3	64.9	84.7	84.3	77.1	67.9	W	72.0
April	84.5	83.8	81.1	72.4	66.6	73.2	93.7	93.2	87.1	76.9	-	81.4
May	89.3	88.8	88.1	72.7	68.0	75.2	99.1	98.6	93.7	77.0	-	84.2
June	86.9	86.3	85.3	67.4	61.6	70.1	96.5	95.9	91.1	70.6	-	79.5
July	83.9	83.4	81.9	67.3	62.0	69.4	93.4	93.0	87.6	71.2	-	78.1
August	81.2	80.7	78.0	66.7	61.5	68.3	90.6	90.2	83.7	70.5	63.2	76.1
September	80.8	80.4	76.4	67.7	62.4	68.8	89.8	89.4	82.1	71.5	W	76.1

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	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	54.9	70.0	75.2	74.5	72.5	56.2	50.4	60.0
February	87.6	86.8	81.1	64.5	55.2	70.2	74.1	73.3	71.3	56.8	51.5	60.3
March	84.4	83.8	80.3	64.2	55.1	69.7	73.7	73.1	70.5	57.0	51.7	60.0
April	90.7	90.0	83.3	72.3	63.6	75.9	77.8	77.3	73.8	64.7	58.1	66.5
May	97.1	96.4	89.0	78.3	68.6	81.7	83.9	83.4	79.3	70.2	63.2	71.8
June	97.4	96.6	89.8	73.1	63.8	78.6	84.5	83.9	79.8	65.1	59.4	68.2
July	93.7	92.9	85.9	66.7	57.9	73.1	80.7	80.0	76.0	58.9	54.2	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	67.7	58.4	71.6	76.4	75.8	71.4	60.2	54.5	62.3
October	87.0	86.3	79.0	62.8	54.4	68.1	74.1	73.5	70.1	55.4	50.8	58.8
November	85.1	84.3	76.8	62.6	54.3	67.0	72.4	71.8	68.2	55.4	49.6	58.0
December	86.2	85.6	77.8	64.9	57.6	68.9	73.6	73.0	69.1	57.5	51.7	59.9
1995	89.7	89.0	82.2	67.3	58.3	72.2	77.1	76.5	72.9	59.8	54.0	62.6
1996												
January	88.0	87.3	79.6	65.7	57.2	70.1	75.2	74.6	70.8	58.1	52.8	61.1
February	88.4	87.7	80.1	66.6	57.1	70.6	75.5	74.8	71.1	59.1	53.6	61.6
March	93.3	92.6	84.6	73.3	63.9	76.9	80.4	79.8	75.5	66.0	59.8	68.0
April	102.1	101.3	93.9	81.9	74.9	85.8	88.8	88.1	85.1	74.3	67.3	76.1
May	106.6	105.7	100.4	82.1	74.0	87.9	93.3	92.7	91.6	74.5	68.5	78.1
June	103.9	103.0	97.8	76.1	66.9	83.0	91.0	90.3	89.0	69.0	62.1	73.0
July	101.1	100.3	94.5	76.7	68.0	82.1	88.0	87.5	85.6	69.2	62.5	72.3
August	98.3	97.6	90.9	75.9	65.2	80.3	85.4	84.9	81.8	68.5	61.8	71.1
September	98.0	97.3	89.4	77.0	68.1	80.9	84.9	84.4	80.3	69.5	63.1	71.6

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	38.5	38.4	-	-	-	182.2	8.9	9.2	-	-	-	27.5
1993	35.6	37.2	-	-	-	184.0	8.7	8.9	-	-	-	27.7
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
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	13.7	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	112.7	28.1	182.3	8.7	9.0	W	15.2	W	27.5
February	33.1	34.8	43.5	120.1	28.7	192.3	9.2	9.5	W	16.1	W	29.1
March	32.6	34.3	43.6	122.3	30.9	196.9	9.4	9.7	W	16.6	W	29.4
April	34.0	35.7	43.9	121.9	27.7	193.5	9.4	9.7	W	16.5	W	29.6
May	35.5	37.0	45.0	130.3	30.2	205.6	9.4	9.7	W	17.4	W	30.8
June	36.9	38.5	46.0	135.9	34.0	215.9	9.8	10.1	W	18.0	W	31.8
July	35.6	37.1	44.4	131.5	31.4	207.3	9.5	9.8	W	17.8	W	31.4
August	36.2	37.8	45.0	135.4	34.1	214.4	9.8	10.1	13.7	18.5	NA	32.4
September	34.8	36.3	43.4	127.3	35.9	206.6	9.8	10.0	W	17.1	W	30.5
October	34.1	35.7	43.3	127.2	31.4	201.9	9.5	9.8	13.5	17.6	-	31.1
November	33.8	35.4	43.3	125.9	34.3	203.6	9.9	10.1	13.8	18.0	-	31.8
December	34.0	35.6	43.4	123.2	34.3	200.9	10.3	10.5	13.9	17.4	-	31.3
1995	34.3	35.9	43.8	126.2	31.8	201.8	9.6	9.8	13.3	17.2	0.1	30.6
1996												
January	32.0	33.5	40.9	115.6	25.7	182.2	9.4	9.7	12.9	16.0	-	28.9
February	33.0	34.7	42.9	122.0	32.1	197.1	9.8	10.0	13.6	16.9	-	30.6
March	35.0	36.7	45.2	122.6	28.9	196.6	10.0	10.3	W	17.0	W	30.8
April	36.3	38.3	47.1	132.2	39.9	219.1	9.6	9.9	13.4	17.0	-	30.5
May	38.5	40.3	48.8	137.9	38.9	225.6	9.2	9.5	12.6	16.6	-	29.2
June	39.3	41.0	48.3	137.4	43.2	228.9	9.6	9.8	12.7	16.6	-	29.3
July	38.6	40.4	47.3	141.3	40.9	229.6	9.5	9.8	12.6	17.4	-	30.0
August	38.8	40.7	48.0	141.8	35.3	225.0	9.6	10.0	12.7	17.2	0.1	30.1
September	37.9	39.7	46.5	131.4	31.5	209.5	9.4	9.6	W	15.9	W	28.4

See footnotes at end of table.

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

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
1983	5.0	6.2	-	-	-	28.7	42.3	51.1	-	-	-	242.5
1984	8.5	9.2	-	-	-	33.7	50.3	57.6	-	-	-	246.3
1985	9.2	10.0	-	-	-	38.0	50.5	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
1994												
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												
January	9.0	9.4	W	29.1	W	52.5	49.1	51.2	73.5	157.1	31.7	262.3
February	9.5	9.8	W	30.3	W	54.8	51.7	54.1	77.4	166.5	32.3	276.3
March	11.2	11.6	W	31.5	W	55.6	53.2	55.6	77.1	170.4	34.4	281.9
April	9.7	10.1	W	31.0	W	55.2	53.2	55.5	77.6	169.4	31.2	278.2
May	9.2	9.5	W	31.1	W	55.0	54.1	56.2	78.8	178.8	33.8	291.4
June	9.6	10.0	W	31.6	W	56.0	56.3	58.5	80.2	185.5	38.0	303.7
July	9.7	10.1	W	31.3	W	55.4	54.9	56.9	78.1	180.6	35.3	294.1
August	10.1	10.4	21.0	33.2	4.4	58.6	56.1	58.3	79.7	187.0	38.7	305.4
September	9.9	10.2	W	31.3	W	57.4	54.5	56.6	77.7	175.6	41.2	294.6
October	9.8	10.1	21.0	31.9	4.6	57.5	53.4	55.6	77.8	176.8	36.0	290.5
November	10.0	10.4	21.6	32.6	5.1	59.3	53.7	55.9	78.6	176.6	39.4	294.7
December	10.0	10.4	21.4	32.6	5.6	59.5	54.3	56.5	78.8	173.1	39.8	291.7
1995	9.8	10.2	20.8	31.5	4.2	56.4	53.7	55.9	77.9	174.8	36.0	288.8
1996												
January	9.1	9.4	19.5	29.2	4.2	52.9	50.5	52.6	73.3	160.8	29.9	264.0
February	9.5	9.8	20.4	30.6	5.2	56.3	52.3	54.5	77.0	169.5	37.4	283.9
March	9.1	9.4	W	29.6	W	53.2	54.1	56.4	78.9	169.2	32.5	280.7
April	8.3	8.6	18.6	28.4	3.6	50.5	54.2	56.9	79.1	177.6	43.5	300.1
May	7.6	8.0	16.7	26.6	3.7	47.0	55.4	57.8	78.1	181.1	42.6	301.8
June	8.1	8.4	17.3	27.6	4.1	49.0	56.9	59.2	78.4	181.6	47.4	307.3
July	8.3	8.7	17.4	29.9	3.8	51.1	56.4	58.9	77.4	188.5	44.7	310.6
August	8.6	9.0	18.0	30.0	3.8	51.8	57.1	59.7	78.7	189.0	39.2	306.9
September	8.2	8.6	W	27.1	W	48.5	55.5	57.9	76.6	174.4	35.3	286.3

Dash (-) = No data reported.

NA = Not available.

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
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	48.2	52.4	75.7	74.9	66.3	56.8	W	59.2
February	65.7	65.1	60.6	53.4	49.6	53.7	75.4	74.7	67.4	57.9	W	60.6
March	66.8	66.2	61.0	54.3	50.7	54.6	76.1	75.4	67.4	58.1	W	60.7
April	72.2	71.7	66.3	62.2	57.0	62.0	81.2	80.7	72.8	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	79.2	78.6	72.5	62.3	58.5	63.1	88.3	87.6	79.5	66.7	W	70.3
July	74.9	74.2	68.4	56.3	52.8	57.4	84.0	83.3	74.7	60.0	W	64.2
August	71.9	71.3	65.5	56.8	52.1	57.2	80.8	80.2	71.1	60.6	NA	63.5
September	71.1	70.6	65.1	57.6	52.5	57.7	79.8	79.3	70.5	61.2	W	63.9
October	67.2	66.6	60.7	52.2	49.3	52.6	76.9	76.2	66.7	56.1	-	58.6
November	64.6	64.0	58.3	52.1	47.7	51.9	74.0	73.4	64.0	55.9	-	57.7
December	66.5	65.9	60.4	54.1	49.4	53.7	75.7	75.1	66.2	58.1	-	60.0
1995	71.0	70.4	65.1	57.0	52.5	57.3	80.0	79.4	71.1	61.0	NA	63.7
1996												
January	68.3	67.6	61.8	54.9	51.4	55.0	77.4	76.8	68.0	59.1	-	61.2
February	68.4	67.8	63.4	56.2	52.1	56.4	77.9	77.2	69.7	60.2	-	62.9
March	74.7	74.1	69.1	63.6	57.8	63.5	83.7	83.2	75.5	67.3	W	69.7
April	82.9	82.2	77.5	71.5	64.0	70.8	92.0	91.4	83.8	75.7	-	78.0
May	86.2	85.7	82.1	71.8	65.3	71.9	95.5	95.0	87.7	75.8	-	78.8
June	83.6	83.0	79.0	66.6	60.0	66.6	92.6	92.0	84.8	69.3	-	73.2
July	81.2	80.7	76.4	66.6	60.1	66.5	90.3	89.8	82.3	70.1	-	73.1
August	79.3	78.8	74.3	66.1	60.0	66.1	88.4	87.9	80.6	69.6	W	72.2
September	79.9	79.4	74.7	67.2	60.9	67.1	88.7	88.2	81.0	70.7	-	73.3

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
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	51.9	63.8	70.7	69.9	64.5	54.5	48.5	55.0
February	83.6	82.7	75.5	63.2	53.9	65.3	70.5	69.7	65.4	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	51.0	57.2
April	89.3	88.5	80.7	72.0	62.6	73.4	76.5	76.0	70.7	64.3	57.6	64.6
May	96.3	95.5	87.2	77.8	66.2	79.2	83.0	82.5	76.8	69.8	62.5	70.1
June	96.2	95.3	87.5	72.4	62.8	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	53.2	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	84.6	83.8	74.2	61.7	52.1	63.2	71.8	71.1	65.0	54.2	49.5	55.0
November	81.7	80.7	71.5	61.3	51.9	62.4	69.2	68.5	62.6	54.1	48.1	54.3
December	83.4	82.6	73.6	63.5	55.0	64.3	71.1	70.4	64.7	56.2	50.1	56.2
1995	87.7	86.8	79.0	66.5	56.8	68.4	75.3	74.6	69.3	59.0	53.0	59.8
1996												
January	85.3	84.3	75.3	64.6	55.7	65.6	72.7	72.0	66.2	57.0	52.0	57.5
February	85.9	84.9	77.3	65.7	55.5	67.0	73.0	72.3	67.8	58.3	52.6	58.9
March	92.0	91.1	82.8	72.9	61.0	74.3	79.0	78.3	73.2	65.5	58.1	65.9
April	100.1	99.2	90.0	81.0	71.1	82.1	86.8	86.0	81.0	73.3	64.4	73.1
May	103.3	102.4	94.7	81.1	71.0	83.0	89.9	89.3	85.4	73.5	65.6	74.0
June	100.3	99.3	92.0	75.3	64.4	77.8	87.2	86.6	82.4	68.1	60.2	68.7
July	98.1	97.2	89.4	75.9	65.9	77.7	85.0	84.4	79.9	68.4	60.4	68.6
August	96.2	95.3	87.6	75.2	62.7	76.5	83.1	82.5	77.9	67.8	60.2	68.2
September	96.8	95.9	88.2	76.4	65.8	78.0	83.6	83.1	78.4	68.9	61.3	69.2

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: 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
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	18.5	19.6	13.2	88.3	22.4	123.8	4.9	5.1	3.8	W	W	15.1
February	21.7	23.1	18.6	98.4	23.3	140.2	5.7	5.9	5.2	W	W	18.0
March	23.5	24.8	21.2	103.4	25.1	149.7	6.2	6.5	5.4	W	W	19.0
April	25.9	27.2	22.5	103.9	23.8	150.3	6.4	6.6	5.6	W	W	19.1
May	27.0	28.3	23.1	111.4	25.0	159.5	6.4	6.6	5.8	W	W	20.0
June	28.0	29.3	23.6	116.2	29.3	169.0	6.6	6.8	5.9	W	W	20.6
July	27.1	28.3	22.8	112.6	25.9	161.3	6.5	6.7	5.9	W	W	20.4
August	27.5	28.8	23.2	116.1	27.4	166.7	6.7	6.9	W	W	0.2	21.3
September	26.2	27.4	21.8	108.3	29.2	159.3	6.6	6.8	5.7	W	W	19.6
October	22.2	23.5	15.1	103.5	25.1	143.7	5.7	5.9	4.0	13.5	-	17.5
November	20.3	21.5	13.9	100.4	26.5	140.8	5.4	5.6	3.9	13.5	-	17.4
December	20.3	21.4	13.9	98.4	28.4	140.7	5.5	5.6	4.0	13.0	-	16.9
1995	24.0	25.3	19.4	105.1	26.0	150.5	6.0	6.3	5.1	13.6	0.1	18.7
1996												
January	19.0	20.1	13.1	92.5	21.3	126.9	5.0	5.2	3.7	12.0	-	15.7
February	21.1	22.4	18.3	100.5	26.2	145.0	5.7	5.9	5.3	13.3	-	18.6
March	24.5	25.9	21.6	103.4	23.2	148.2	6.4	6.6	W	13.8	W	19.7
April	25.7	27.3	20.4	110.8	31.9	163.1	6.2	6.4	5.1	13.5	-	18.7
May	26.3	27.6	19.0	114.2	27.8	161.0	5.8	6.0	4.3	12.9	-	17.2
June	26.5	27.7	18.7	113.0	34.4	166.1	6.0	6.2	4.3	12.9	-	17.2
July	26.1	27.4	18.8	117.8	31.8	168.3	6.0	6.2	4.4	13.6	-	18.0
August	26.4	27.8	18.9	117.4	25.2	161.5	6.1	6.3	4.4	W	W	17.9
September	25.3	26.5	17.7	108.3	22.9	148.9	5.8	6.0	4.2	12.4	-	16.6

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
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	5.9	W	W	30.3	28.5	30.1	22.9	121.9	24.5	169.3
February	5.8	6.0	7.9	W	W	34.5	33.2	35.1	31.6	135.1	26.0	192.8
March	7.4	7.7	8.4	W	W	36.2	37.2	39.0	35.0	142.4	27.4	204.8
April	6.6	6.9	8.7	W	W	36.6	38.9	40.7	36.8	142.6	26.5	206.0
May	6.1	6.4	8.5	W	W	36.2	39.6	41.4	37.3	150.8	27.6	215.7
June	6.4	6.7	8.4	W	W	37.2	41.0	42.9	38.0	156.3	32.4	226.7
July	6.6	6.9	8.4	W	W	37.1	40.2	41.9	37.0	152.6	29.1	218.8
August	6.7	7.0	W	W	2.9	38.7	40.9	42.8	37.9	158.2	30.5	226.6
September	6.5	6.8	8.4	W	W	37.7	39.2	41.0	35.9	147.5	33.1	216.5
October	5.7	6.0	6.2	24.9	2.6	33.7	33.6	35.4	25.4	141.9	27.7	194.9
November	5.5	5.8	6.2	25.2	2.8	34.2	31.2	32.8	24.0	139.0	29.3	192.3
December	5.4	5.7	6.1	25.3	4.0	35.4	31.2	32.8	24.0	136.7	32.3	193.0
1995	6.2	6.4	7.7	25.1	2.9	35.6	36.2	38.0	32.1	143.8	28.9	204.8
1996												
January	4.9	5.2	5.6	22.8	3.0	31.4	28.9	30.5	22.4	127.4	24.3	174.1
February	5.5	5.7	7.5	24.4	3.9	35.8	32.3	34.1	31.1	138.2	30.1	199.4
March	5.6	5.9	W	24.0	W	34.1	36.5	38.4	35.3	141.2	25.6	202.1
April	5.1	5.3	6.2	22.8	2.1	31.1	36.9	39.0	31.7	147.1	34.0	212.9
May	4.7	4.9	5.5	21.3	2.0	28.7	36.8	38.5	28.8	148.4	29.7	206.9
June	5.0	5.2	5.6	21.9	1.8	29.3	37.5	39.1	28.6	147.8	36.2	212.5
July	5.1	5.4	5.8	24.0	2.1	31.9	37.2	38.9	28.9	155.4	34.0	218.2
August	5.3	5.6	5.8	W	W	32.1	37.9	39.6	29.1	154.8	27.6	211.5
September	4.9	5.2	5.5	21.6	1.8	29.0	36.0	37.6	27.4	142.3	24.7	194.4

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

Notes: 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
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	76.4	69.5	60.6	56.1	64.7	85.7	85.6	74.4	64.0	—	70.0
February	76.2	76.1	69.9	62.8	55.2	66.0	86.3	86.2	73.4	65.3	—	69.2
March	77.3	77.2	72.4	65.1	—	68.9	85.7	85.6	75.1	66.1	—	70.0
April	83.4	83.4	76.7	67.9	—	71.5	91.1	90.9	W	69.7	—	73.8
May	89.0	88.8	80.4	71.8	—	75.2	95.4	95.3	W	73.5	—	77.7
June	90.7	90.7	80.4	66.5	—	71.9	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	—	69.6
August	84.8	84.8	76.8	63.7	—	68.7	87.7	87.6	W	65.3	—	69.8
September	83.4	83.1	74.3	66.4	69.3	69.4	85.2	85.1	75.6	69.1	—	72.4
October	75.6	75.3	70.9	63.2	W	66.8	80.4	80.2	75.3	67.0	—	72.3
November	74.9	74.7	69.9	62.4	53.6	65.3	82.8	82.7	75.0	65.5	—	71.2
December	74.6	74.4	69.7	62.1	58.3	65.5	82.0	81.9	74.6	65.8	—	71.4
1995	76.7	76.5	70.9	63.0	59.2	66.5	83.4	83.3	75.0	65.9	—	71.3
1996												
January	75.6	75.3	70.4	61.4	W	65.5	83.8	83.7	76.0	64.8	—	72.0
February	77.7	77.5	72.4	64.4	—	68.3	85.7	85.7	78.7	67.4	—	74.4
March	84.7	84.4	79.5	72.2	W	75.8	90.8	90.8	85.3	74.5	—	81.4
April	94.0	93.6	87.2	76.1	—	80.0	101.6	101.6	93.6	77.3	—	86.2
May	99.1	98.6	94.3	76.1	—	82.3	108.1	107.9	99.8	77.3	—	88.1
June	97.9	97.5	NA	76.5	—	82.3	105.7	105.7	98.4	77.4	—	87.7
July	95.8	95.4	NA	75.0	—	80.6	103.7	103.6	96.5	76.0	—	86.0
August	97.2	96.8	NA	78.1	—	83.2	104.3	104.3	NA	79.8	—	87.9
September	97.8	97.3	88.4	79.7	—	83.2	104.5	104.4	94.1	82.5	—	88.4

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
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	95.8	83.7	70.6	W	78.2	80.7	80.4	72.9	62.4	56.4	67.6
February	95.0	94.9	84.0	71.9	—	78.6	80.2	80.0	72.7	64.4	55.2	68.3
March	94.0	93.7	85.5	72.8	—	80.1	80.4	80.3	75.0	66.3	—	70.9
April	100.7	100.5	93.0	74.7	—	81.4	86.3	86.2	79.1	69.1	—	73.1
May	105.4	105.1	96.9	78.2	—	84.6	91.5	91.4	82.9	72.9	—	76.7
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	69.9	—	79.3	90.7	90.7	80.5	63.8	—	70.1
August	102.2	102.2	96.2	70.7	—	79.2	87.5	87.5	79.5	64.9	—	70.4
September	100.1	99.6	87.8	73.9	W	77.6	86.3	86.0	76.9	67.8	68.8	70.9
October	92.5	92.1	84.7	73.6	W	80.3	79.0	78.7	74.5	65.2	W	70.0
November	92.6	92.4	83.7	72.3	58.8	78.5	79.0	78.8	73.5	64.2	54.3	68.4
December	93.3	93.0	83.3	72.2	W	78.7	78.8	78.6	73.3	64.0	59.0	68.6
1995	94.6	94.3	84.7	72.4	W	79.1	80.4	80.2	74.2	64.7	59.5	69.1
1996												
January	94.4	94.1	84.4	71.3	57.7	78.9	79.9	79.6	74.0	63.1	W	68.7
February	97.2	97.1	86.8	73.8	—	81.4	82.0	81.8	75.8	66.0	—	71.1
March	103.0	102.6	93.0	79.7	W	87.6	88.2	87.9	82.6	73.3	W	78.2
April	111.4	111.2	101.6	84.6	—	91.9	97.0	96.6	90.2	77.1	—	82.2
May	117.2	117.1	108.5	84.0	—	92.5	101.9	101.5	96.8	77.2	—	84.1
June	114.5	114.4	NA	83.1	—	91.6	100.3	100.0	NA	77.4	—	84.1
July	111.9	111.9	NA	81.7	—	89.4	98.3	97.9	NA	76.0	—	82.4
August	111.8	111.7	NA	84.1	—	91.3	99.5	99.2	NA	79.1	—	84.8
September	111.9	111.2	101.8	86.8	—	93.5	100.3	99.8	91.0	80.8	—	85.1

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Notes: 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
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	W	W	17.7	1.1	1.1	W	W	-	2.6
February	3.8	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	W	-	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	1.3	-	2.0	0.0	0.0	W	W	-	0.2
September	0.6	0.6	1.2	W	W	4.4	0.1	0.1	W	W	-	0.5
October	4.1	4.2	7.7	W	W	15.4	0.9	0.9	W	W	-	3.2
November	5.7	5.8	8.7	8.7	1.3	18.8	1.5	1.5	2.4	1.6	-	3.9
December	5.9	6.0	8.7	W	W	18.0	1.7	1.7	2.4	1.3	-	3.8
1995	2.5	2.5	3.8	W	W	8.1	0.5	0.5	0.8	0.5	-	1.3
1996												
January	5.6	5.7	W	7.6	W	16.9	1.5	1.5	W	W	-	3.5
February	4.2	4.3	4.3	4.5	-	8.8	1.1	1.1	1.0	0.6	-	1.6
March	2.1	2.2	W	1.8	W	3.7	0.5	0.5	W	W	-	0.6
April	1.2	1.2	0.7	1.3	-	2.1	0.2	0.2	0.2	0.1	-	0.3
May	1.0	1.0	0.7	1.5	-	2.2	0.2	0.2	0.1	0.2	-	0.3
June	1.1	1.1	NA	1.5	-	2.3	0.2	0.2	0.2	0.2	-	0.3
July	1.1	1.1	NA	1.5	-	2.3	0.2	0.2	0.2	0.2	-	0.3
August	1.0	1.0	NA	1.6	-	2.4	0.2	0.2	NA	0.2	-	0.3
September	1.0	1.0	1.3	1.9	-	3.1	0.2	0.2	W	W	-	0.5

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
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	24.4
February	0.8	0.8	W	W	—	2.0	5.2	5.3	6.0	5.7	0.3	12.0
March	0.3	0.4	W	W	—	0.8	2.1	2.1	2.6	2.3	—	5.0
April	0.1	0.1	W	W	—	0.4	0.6	0.6	1.0	1.5	—	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	W	W	—	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	—	2.6
August	0.1	0.1	W	W	—	0.4	0.6	0.6	1.0	1.6	—	2.6
September	0.1	0.1	W	W	W	0.9	0.8	0.8	1.8	2.5	1.3	5.7
October	0.9	0.9	W	1.3	W	4.0	5.9	6.0	12.2	W	W	22.5
November	1.3	1.3	2.8	1.7	0.2	4.6	8.5	8.6	13.9	11.9	1.5	27.3
December	1.3	1.4	2.8	W	W	4.5	8.9	9.1	13.8	11.1	1.3	26.2
1995	0.5	0.5	1.1	W	W	1.9	3.5	3.6	5.7	5.1	0.6	11.3
1996												
January	1.2	1.3	2.6	1.4	0.2	4.1	8.3	8.5	13.3	W	W	24.5
February	0.9	0.9	1.1	0.8	—	1.9	6.2	6.3	6.4	5.9	—	12.3
March	0.4	0.4	W	0.3	W	0.7	3.0	3.0	2.6	W	W	5.0
April	0.2	0.2	0.1	0.2	—	0.3	1.6	1.6	1.0	1.7	—	2.7
May	0.1	0.1	0.1	0.2	—	0.3	1.3	1.3	1.0	1.8	—	2.8
June	0.1	0.1	NA	0.2	—	0.4	1.4	1.4	NA	1.9	—	2.9
July	0.1	0.1	NA	0.3	—	0.4	1.4	1.4	NA	2.0	—	3.0
August	0.1	0.1	NA	0.3	—	0.4	1.2	1.3	NA	2.1	—	3.2
September	0.1	0.2	W	W	—	0.5	1.3	1.4	1.8	2.4	—	4.1

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Notes: 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
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	75.7	75.1	72.1	59.0	56.1	65.0	85.3	84.8	77.1	63.5	-	73.2
February	74.4	73.8	70.9	59.4	57.5	64.7	83.5	83.1	75.6	64.3	-	72.4
March	73.0	72.4	69.7	57.4	54.0	62.7	82.1	81.7	74.5	62.1	-	70.9
April	75.0	74.5	71.4	64.0	59.5	67.3	84.0	83.7	76.4	68.4	-	74.0
May	80.3	80.0	76.4	69.6	64.8	72.3	89.0	88.8	81.4	74.1	-	79.3
June	81.8	81.5	77.4	65.9	61.8	71.0	90.4	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	-	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	-	70.2
October	71.5	71.0	67.3	55.7	52.9	60.9	80.3	80.0	71.6	60.2	-	68.3
November	69.1	68.7	64.8	55.6	52.6	59.5	78.8	78.4	69.8	59.8	-	66.9
December	69.5	69.1	65.2	59.1	57.5	61.9	78.9	78.7	70.3	63.2	-	68.3
1995	74.9	74.4	70.7	60.5	57.3	65.0	83.6	83.3	75.3	65.1	-	72.3
1996												
January	71.5	71.1	67.6	59.2	56.1	63.1	80.9	80.6	72.4	63.8	-	70.0
February	72.2	71.7	67.8	59.8	56.8	63.2	81.3	81.0	73.1	64.2	-	70.5
March	76.7	76.3	72.0	65.8	65.5	68.8	86.0	85.7	77.9	69.9	-	75.7
April	87.5	87.1	83.7	77.0	77.3	80.3	96.5	96.2	89.0	81.4	-	86.8
May	95.7	95.3	91.8	77.0	74.8	83.5	105.1	104.7	96.8	81.4	-	92.2
June	93.5	92.9	89.2	70.5	68.0	79.0	103.0	102.4	94.2	75.1	-	88.4
July	88.8	88.4	85.3	70.7	68.7	77.3	98.6	98.3	90.3	75.2	-	85.6
August	84.3	84.0	79.9	68.9	65.2	73.4	94.0	93.7	85.1	73.4	W	81.5
September	81.4	81.1	76.8	69.5	66.5	72.6	91.0	90.8	82.3	73.8	W	79.8

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
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	95.2	94.6	85.7	68.6	59.0	78.6	82.1	81.5	77.1	61.6	56.8	69.8
February	93.5	92.9	84.5	68.9	58.9	78.6	80.6	79.9	75.8	62.0	57.7	69.3
March	89.4	88.9	83.5	66.6	57.5	76.7	79.1	78.5	74.7	59.9	54.6	67.5
April	93.4	92.9	85.1	73.2	66.9	80.8	81.1	80.6	76.4	66.5	60.7	71.8
May	98.5	98.0	90.3	80.4	74.3	86.4	86.0	85.7	81.4	72.4	66.4	76.9
June	99.6	99.2	91.4	76.6	67.4	85.7	87.5	87.1	82.3	68.7	62.6	75.8
July	97.2	96.7	87.9	69.9	62.0	81.3	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	77.1	72.0	58.4	54.0	65.5
November	87.6	87.2	77.8	65.3	57.3	72.2	75.5	75.0	69.7	58.3	53.8	64.0
December	88.0	87.6	78.7	69.5	64.1	74.9	75.8	75.4	70.3	61.9	59.0	66.4
1995	92.9	92.4	84.1	70.4	61.6	78.5	80.8	80.3	75.6	63.2	58.2	69.6
1996												
January	90.0	89.6	80.6	69.4	61.7	76.3	77.6	77.2	72.4	61.9	57.3	67.6
February	90.3	89.8	81.2	69.4	62.1	76.4	78.2	77.7	72.8	62.4	57.8	67.6
March	94.6	94.1	85.5	75.1	69.4	81.4	82.5	82.0	77.0	68.2	66.2	72.9
April	104.8	104.3	95.8	85.9	80.2	91.7	92.6	92.2	87.8	79.2	77.8	83.7
May	111.6	110.9	103.1	86.0	77.4	95.7	100.1	99.6	95.2	79.0	75.2	87.0
June	109.6	108.9	100.5	79.1	68.9	90.7	98.0	97.3	92.7	72.5	68.1	82.7
July	105.6	105.1	96.9	79.8	70.8	89.5	93.5	93.1	89.0	72.9	69.0	81.0
August	101.4	101.0	92.3	78.4	69.1	86.4	89.1	88.8	83.9	71.1	65.7	77.2
September	99.2	98.8	89.8	79.3	70.3	85.0	86.3	86.0	81.0	71.7	67.2	76.2

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
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	7.1	7.4	19.6	W	W	40.7	2.8	2.8	7.0	2.8	-	9.8
February	7.5	7.8	20.5	17.3	5.1	42.9	2.9	3.0	7.4	2.9	-	10.3
March	7.5	7.8	20.5	17.1	5.8	43.4	3.0	3.1	7.2	3.0	-	10.2
April	7.7	8.0	20.6	16.9	3.9	41.3	3.0	3.0	7.3	3.0	-	10.3
May	8.0	8.2	21.2	17.8	5.2	44.1	3.0	3.0	7.5	3.1	-	10.6
June	8.4	8.6	21.6	18.5	4.8	44.9	3.2	3.2	7.8	3.3	-	11.0
July	8.1	8.3	20.8	17.6	5.5	44.0	3.0	3.0	7.6	3.2	-	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	W	W	43.0	3.2	3.2	7.4	3.0	-	10.5
October	7.7	8.0	20.5	W	W	42.8	3.0	3.0	W	W	-	10.5
November	7.8	8.1	20.6	16.9	6.5	44.1	3.0	3.1	7.5	3.0	-	10.5
December	7.9	8.1	20.8	W	W	42.2	3.1	3.2	7.6	3.0	-	10.6
1995	7.8	8.1	20.7	W	W	43.3	3.0	3.1	7.4	3.1	-	10.5
1996												
January	7.5	7.7	W	15.5	W	38.4	2.9	2.9	W	W	-	9.7
February	7.7	8.0	20.3	16.9	5.9	43.2	3.0	3.0	7.4	3.0	-	10.4
March	8.4	8.7	W	17.3	W	44.8	3.1	3.2	W	W	-	10.5
April	9.5	9.9	26.0	20.0	7.9	53.9	3.3	3.3	8.1	3.4	-	11.5
May	11.3	11.7	29.1	22.2	11.1	62.4	3.3	3.3	8.2	3.5	-	11.7
June	11.7	12.1	28.8	23.0	8.9	60.6	3.4	3.5	8.3	3.6	-	11.8
July	11.4	12.0	27.8	22.0	9.1	58.9	3.3	3.4	8.1	3.6	-	11.7
August	11.4	12.0	28.3	22.7	10.1	61.1	3.4	3.5	8.2	W	W	11.9
September	11.6	12.1	27.6	21.2	8.7	57.5	3.4	3.5	8.0	W	W	11.4

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
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	18.1	12.6	13.0	37.9	24.6	6.1	68.6
February	2.9	3.0	12.0	5.5	0.9	18.4	13.4	13.8	39.8	25.7	6.0	71.5
March	3.5	3.6	11.8	5.6	1.3	18.6	14.0	14.5	39.5	25.6	7.0	72.1
April	3.1	3.1	12.0	5.5	0.8	18.2	13.7	14.1	39.8	25.3	4.7	69.8
May	3.0	3.0	11.8	5.6	1.0	18.4	14.0	14.3	40.5	26.5	6.2	73.2
June	3.1	3.2	11.9	5.7	0.8	18.4	14.7	15.0	41.3	27.5	5.6	74.4
July	3.1	3.1	11.7	5.5	0.8	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	W	W	18.9	14.4	14.8	40.0	25.6	6.8	72.4
October	3.2	3.2	W	5.7	W	19.8	13.9	14.2	40.2	W	W	73.1
November	3.3	3.3	12.6	5.8	2.1	20.5	14.1	14.4	40.8	25.7	8.6	75.0
December	3.2	3.3	12.6	W	W	19.7	14.2	14.6	40.9	25.3	6.2	72.5
1995	3.1	3.2	12.0	W	W	18.9	14.0	14.4	40.1	25.9	6.6	72.6
1996												
January	3.0	3.0	11.3	5.0	1.0	17.3	13.3	13.7	37.6	W	W	65.5
February	3.1	3.1	11.9	5.4	1.3	18.6	13.8	14.1	39.6	25.4	7.2	72.2
March	3.1	3.1	11.8	5.4	1.2	18.4	14.6	15.0	41.1	W	W	73.6
April	3.0	3.1	12.2	5.4	1.5	19.1	15.7	16.3	46.3	28.8	9.5	84.5
May	2.8	2.9	11.1	5.1	1.7	17.9	17.4	17.9	48.4	30.8	12.8	92.0
June	3.0	3.1	11.6	5.5	2.3	19.4	18.1	18.6	48.7	32.0	11.2	91.8
July	3.1	3.2	11.5	5.6	1.6	18.7	17.8	18.6	47.4	31.2	10.7	89.3
August	3.2	3.3	12.0	W	W	19.3	18.0	18.8	48.6	32.1	11.6	92.3
September	3.2	3.3	11.9	W	W	19.0	18.2	18.9	47.5	29.7	10.6	87.8

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

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

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

Table 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	
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	86.8	78.4	67.5	74.5	34.5	66.4	79.6	36.5
February	88.2	78.3	66.1	73.6	32.2	66.8	80.5	35.3
March	87.9	78.3	66.0	73.8	32.6	68.4	79.5	35.2
April	88.3	78.4	63.4	74.1	32.4	70.4	75.9	34.2
May	89.9	78.0	65.2	76.4	32.8	74.5	73.9	34.5
June	89.5	77.9	66.1	76.5	32.5	72.5	73.1	33.6
July	84.9	77.6	63.7	75.8	31.9	67.5	70.0	33.1
August	81.0	76.1	62.3	75.4	31.5	65.7	70.5	34.1
September	81.0	76.0	61.1	74.4	31.8	62.3	71.1	34.8
October	83.2	75.5	63.1	74.8	31.7	60.2	72.0	35.1
November	84.8	77.1	64.7	73.6	31.4	65.4	76.8	35.5
December	88.5	78.9	63.9	73.7	32.5	69.8	81.2	38.7
1995	86.5	77.7	64.6	74.7	32.4	66.2	76.6	35.4
1996								
January	92.7	82.7	68.0	NA	34.5	72.6	86.5	42.4
February	96.0	85.0	70.3	91.5	38.2	76.2	88.8	44.7
March	95.9	86.3	70.1	82.8	36.5	76.5	87.8	42.1
April	95.6	84.2	68.2	78.1	36.2	76.7	84.9	38.9
May	94.4	83.4	66.3	65.7	35.7	76.6	79.6	37.4
June	93.8	83.2	67.4	65.5	35.3	76.2	78.2	37.3
July	88.5	83.3	65.6	64.5	35.4	70.6	76.1	37.9
August	85.6	81.0	66.1	64.8	36.9	70.8	75.7	39.6
September	90.0	85.0	71.7	69.1	43.8	71.2	78.2	45.8

NA = Not available.

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	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	86.9	57.5	61.9	65.6	64.6	68.5	50.7
February	87.4	57.8	61.9	65.0	64.0	69.1	50.8
March	86.6	57.3	62.6	65.1	65.3	66.8	50.8
April	85.4	59.6	65.0	66.8	67.9	67.0	53.9
May	86.4	60.7	66.0	68.5	69.2	67.0	55.4
June	84.6	58.3	64.0	67.4	67.7	64.4	52.5
July	82.0	56.9	62.3	65.9	66.1	62.8	51.4
August	80.7	58.8	64.2	66.5	66.4	64.1	54.1
September	82.3	60.0	65.2	67.9	69.1	66.1	55.3
October	84.0	59.5	64.9	67.5	68.8	66.3	54.2
November	86.3	61.4	66.3	68.0	68.1	69.2	55.8
December	91.1	63.6	67.8	69.1	69.1	73.5	57.9
1995	86.7	59.3	64.4	67.0	67.3	67.3	53.6
1996							
January	94.6	63.8	67.3	70.0	68.9	75.1	57.3
February	95.9	65.1	68.6	70.8	69.9	75.6	59.1
March	99.1	68.5	73.2	75.2	74.0	78.0	63.2
April	101.5	75.3	80.1	82.6	81.6	82.4	69.9
May	97.8	73.1	79.0	81.4	79.6	79.1	66.2
June	90.8	65.3	72.4	74.7	74.6	71.6	58.6
July	87.9	65.4	72.1	73.4	74.4	71.1	60.0
August	88.0	69.6	75.9	75.8	77.7	74.4	64.8
September	94.5	76.0	82.2	81.6	84.1	81.2	71.3

^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	
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	55.8	62.0	65.6	64.5	61.0	51.1
February	56.0	62.1	65.0	64.0	60.9	51.5
March	56.2	62.8	65.1	65.5	61.3	52.0
April	59.3	65.4	66.8	68.2	63.9	55.4
May	60.5	66.5	68.5	69.6	65.3	56.4
June	58.3	64.5	67.4	68.2	63.6	53.3
July	56.9	63.0	65.9	66.5	62.1	52.2
August	58.9	64.8	66.5	67.2	63.4	54.9
September	60.0	65.9	67.9	69.4	64.8	56.3
October	59.5	65.8	67.5	69.2	64.6	55.3
November	60.9	67.0	68.0	68.3	65.2	57.0
December	62.3	68.2	69.1	69.3	66.4	58.2
1995	58.8	64.9	67.0	67.7	63.6	54.6
1996						
January	61.9	67.5	70.0	68.4	66.3	57.0
February	63.2	69.0	70.8	69.7	67.4	58.8
March	67.3	73.3	75.2	73.8	71.7	63.0
April	75.0	80.5	82.6	81.6	79.3	70.7
May	73.3	79.8	81.4	80.1	77.8	67.7
June	65.5	73.2	74.7	75.2	71.1	59.9
July	65.6	72.7	73.4	74.9	70.5	60.8
August	69.7	76.3	75.8	78.0	73.8	65.6
September	76.2	82.7	81.6	84.3	80.1	72.2

^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	
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	56.9	63.4	65.6	64.6	62.1	51.4	54.0	60.9	64.4	58.4	49.7
February	56.9	63.4	65.0	64.4	61.7	51.9	54.2	60.9	63.5	58.6	49.9
March	57.6	64.4	65.1	66.2	62.4	52.6	53.7	61.4	64.5	58.7	49.4
April	60.6	67.4	66.8	68.8	64.9	56.0	56.8	63.6	67.4	61.6	52.6
May	61.5	67.7	68.5	70.4	66.1	56.9	58.6	65.4	68.6	63.3	54.4
June	59.2	65.3	67.4	68.7	64.4	53.7	56.8	63.7	67.5	61.7	51.6
July	57.8	63.8	65.9	67.3	63.0	52.7	55.3	62.1	65.5	59.9	50.2
August	59.7	66.3	66.5	68.3	64.3	55.4	57.2	63.3	65.9	61.3	52.5
September	61.1	67.3	67.9	70.4	65.8	56.8	57.8	64.5	68.1	62.5	53.8
October	60.3	67.5	67.5	70.0	65.3	55.9	57.9	64.1	68.2	62.7	52.9
November	61.8	68.5	68.0	69.5	65.9	57.5	59.1	65.6	66.8	63.2	54.6
December	63.6	69.4	69.1	70.3	67.3	58.8	59.8	67.0	68.0	64.1	55.8
1995	59.8	66.3	67.0	68.4	64.5	55.1	56.8	63.6	66.7	61.4	52.4
1996											
January	63.0	67.9	70.0	69.0	67.2	57.5	59.9	67.0	67.6	64.1	55.1
February	64.3	70.2	70.8	70.5	68.3	59.3	61.0	67.9	68.6	65.1	56.9
March	68.8	74.7	75.2	74.9	72.8	63.6	64.2	71.7	72.3	68.5	59.9
April	76.7	82.7	82.6	83.5	80.6	71.7	71.4	78.1	79.1	75.6	65.8
May	74.6	82.7	81.4	83.1	79.3	68.6	71.0	76.6	76.8	74.3	63.1
June	66.6	75.8	74.7	76.4	72.2	60.4	63.6	70.5	73.7	68.3	57.7
July	66.9	74.5	73.4	75.4	71.5	61.3	63.4	70.9	74.2	68.2	58.3
August	71.0	78.2	75.8	79.5	74.8	66.1	67.3	74.2	76.1	71.3	63.1
September	77.0	84.6	81.6	85.4	80.7	72.5	74.5	80.8	82.9	78.4	70.9

^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	91.1	92.1	91.9	82.6	89.7	82.8	89.3	90.4	89.9	104.5
1994	88.4	89.4	89.0	81.8	87.0	79.2	88.5	87.6	89.4	100.0
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	86.7	87.5	86.4	78.7	84.4	77.9	87.4	85.3	87.0	101.0
January	86.9	87.6	86.7	77.8	84.8	78.4	87.3	85.7	88.4	102.4
February	87.4	88.2	87.8	77.4	84.9	78.5	87.3	85.9	88.5	103.4
March	86.6	87.3	87.0	76.3	82.5	77.7	87.0	85.6	87.6	103.3
April	85.4	85.8	85.2	76.7	81.9	76.6	86.5	84.8	87.0	100.0
May	86.4	86.9	86.5	78.7	84.7	75.8	86.1	84.5	85.2	93.2
June	84.6	85.2	84.2	78.1	82.5	74.5	83.2	83.9	83.0	NA
July	82.0	82.4	79.4	76.9	80.6	72.9	81.7	81.7	80.0	85.1
August	80.7	81.1	77.4	76.7	80.9	73.0	85.3	81.7	82.1	W
September	82.3	82.7	79.2	76.2	81.7	73.8	84.9	82.5	82.4	86.1
October	84.0	84.5	83.1	75.8	82.3	73.9	85.7	82.5	84.0	NA
November	86.3	86.8	85.7	79.1	83.8	77.3	87.4	84.5	84.5	100.2
December	91.1	92.1	90.5	87.0	88.9	83.8	91.8	88.0	89.5	103.8
1995	86.7	87.5	86.4	78.7	84.4	77.9	87.4	85.3	87.0	101.0
1996	94.6	96.1	94.5	92.4	92.0	89.1	94.9	92.5	94.6	111.7
January	94.6	96.1	94.5	92.4	92.0	89.1	94.9	92.5	94.6	111.7
February	95.9	97.5	96.2	93.2	93.8	90.8	95.6	93.7	94.4	112.8
March	99.1	100.7	99.6	96.7	99.3	93.8	99.7	97.3	96.0	117.7
April	101.5	102.7	102.1	98.7	101.4	96.5	98.8	100.3	100.3	115.9
May	97.8	98.1	96.8	95.4	95.8	93.7	94.9	98.8	96.5	109.7
June	90.8	91.0	88.8	90.1	87.9	87.3	88.4	92.2	91.1	102.5
July	87.9	88.0	84.9	87.5	87.6	83.7	87.7	88.4	91.1	97.3
August	88.0	88.2	84.0	89.4	89.0	85.2	88.3	89.0	91.0	99.2
September	94.5	94.5	92.5	95.2	92.9	92.0	96.5	94.3	95.6	106.2

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	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	94.3	87.6	95.2	83.1	85.0	83.1	81.0	82.1	81.6	86.1
February	95.1	89.0	96.3	83.4	84.6	82.1	80.5	80.8	80.1	85.5
March	94.2	89.0	95.9	82.3	84.0	81.4	80.6	76.7	82.3	85.7
April	91.3	87.1	94.1	80.7	84.0	80.3	81.2	78.7	82.3	86.2
May	89.6	88.2	95.9	81.1	83.0	76.5	81.6	81.6	83.6	86.1
June	86.8	87.7	95.0	79.5	82.3	77.7	78.9	77.0	83.5	83.6
July	83.3	85.4	92.3	75.8	81.2	75.8	77.7	76.6	81.9	82.0
August	82.6	82.2	89.8	75.6	80.9	74.1	76.3	72.9	79.4	82.1
September	85.5	83.9	90.5	77.2	81.6	76.1	79.3	75.6	80.9	84.5
October	89.5	85.2	92.7	79.6	82.5	77.4	79.7	74.6	81.8	83.9
November	93.2	88.1	94.3	81.9	83.8	81.4	81.5	79.0	79.2	86.9
December	98.5	94.3	99.4	87.1	88.2	89.4	83.4	82.9	83.6	88.8
1995	93.6	88.8	95.5	82.6	84.4	81.5	80.9	78.5	81.6	86.0
1996										
January	103.9	97.6	103.3	92.3	91.3	90.7	84.3	84.4	85.7	89.2
February	104.2	100.2	104.4	93.1	92.8	93.7	85.6	85.9	86.5	90.9
March	106.3	103.3	106.9	95.9	93.6	95.8	89.4	88.7	90.8	96.9
April	105.8	105.3	109.4	97.1	95.4	97.0	93.3	90.4	93.6	100.9
May	104.4	99.9	105.0	92.9	91.9	91.4	92.6	89.9	93.1	99.5
June	97.6	89.0	101.8	83.9	88.2	89.9	86.5	80.5	86.2	94.4
July	93.7	89.3	97.7	79.5	88.5	88.5	85.8	78.9	85.7	92.3
August	93.6	90.4	93.5	82.0	89.2	88.9	85.8	83.0	87.5	91.8
September	99.9	97.0	99.1	89.9	92.7	94.9	92.0	87.2	92.9	97.9

See footnotes at end of table.

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

(Cents per Gallon Excluding Taxes) — Continued

Year Month	PAD District II (Continued)			PAD District III Average	PAD District IV		PAD District V			
	MN	OH	WI		Average	ID	Average	AK	OR	WA
1978	47.8	47.4	44.7	-	-	43.6	-	53.2	45.8	48.6
1979	72.4	68.6	67.3	-	-	62.1	-	68.2	68.0	69.7
1980	99.9	91.9	91.5	-	-	91.6	-	97.8	97.3	100.8
1981	118.4	113.2	109.1	-	-	110.4	-	118.0	111.4	116.5
1982	115.1	110.2	107.8	-	-	110.4	-	117.4	111.6	117.6
1983	103.1	101.3	101.2	87.4	94.2	101.8	106.4	108.8	103.6	109.0
1984	104.1	102.1	101.0	97.9	96.8	98.5	101.5	106.9	99.3	102.6
1985	101.9	99.7	98.3	92.5	96.1	97.2	100.9	108.3	97.1	101.1
1986	79.2	77.7	75.6	67.4	70.6	73.8	78.1	94.9	70.4	77.5
1987	74.6	74.7	75.1	63.7	69.6	68.8	77.8	86.5	72.5	79.5
1988	73.5	74.7	73.9	62.8	69.1	68.8	76.9	86.9	70.9	78.5
1989	82.4	81.6	81.1	70.7	78.6	77.8	86.6	96.4	80.2	87.4
1990	101.4	98.1	94.2	85.5	97.0	97.4	102.6	110.1	97.0	102.9
1991	91.1	91.0	89.5	78.7	92.4	95.1	99.8	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	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	72.7	80.9	80.4	90.7	83.7	88.4	95.4
February	79.0	81.0	80.4	70.4	80.7	80.0	90.1	84.0	86.9	94.5
March	80.4	80.1	80.5	76.1	81.1	80.6	90.5	83.7	88.7	94.5
April	80.4	81.9	81.1	77.9	81.8	80.7	91.7	82.6	90.7	96.7
May	80.5	80.8	81.5	79.2	83.8	82.7	89.1	81.9	91.6	NA
June	77.3	78.0	81.3	77.0	83.0	82.8	87.9	82.7	90.1	95.2
July	76.6	76.6	81.0	W	81.6	82.6	85.4	81.7	NA	94.0
August	77.3	72.7	78.5	69.5	82.7	83.5	84.6	81.9	86.3	91.2
September	79.5	77.5	80.7	66.9	87.6	86.4	87.7	83.2	87.1	95.5
October	80.1	79.1	80.5	65.7	89.0	88.8	91.1	83.4	90.5	97.8
November	80.5	81.8	81.6	67.9	88.9	88.6	92.6	84.6	92.2	99.2
December	81.8	84.0	82.9	69.5	89.5	89.2	93.0	84.2	90.5	100.7
1995	80.1	80.8	81.2	69.0	84.4	83.9	90.6	83.4	89.4	96.2
1996										
January	82.5	85.7	83.3	70.9	88.1	87.3	92.5	84.1	90.1	99.7
February	83.6	87.7	83.9	72.4	87.8	86.9	92.4	83.3	90.7	99.5
March	86.7	91.6	87.1	75.5	87.8	86.6	93.1	84.5	90.1	101.0
April	91.3	95.3	91.6	82.2	96.4	95.7	101.2	90.0	101.0	109.6
May	92.0	91.3	92.2	76.5	99.7	97.3	107.9	97.9	108.5	116.6
June	85.3	86.8	88.4	70.3	86.9	91.2	103.4	96.2	NA	112.8
July	84.3	86.5	88.6	68.2	86.8	92.7	95.8	91.9	96.3	103.7
August	86.1	82.2	87.8	75.7	88.7	98.2	94.0	91.6	94.0	99.8
September	92.0	92.8	91.2	84.0	98.7	101.3	105.5	95.6	109.6	115.6

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	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	39.1	37.9	33.3	40.2	36.6
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	36.4	32.5	38.1	35.3
August	39.1	35.5	33.7	29.8	35.1	33.1
September	39.0	36.4	34.0	30.4	35.1	33.8
October	41.7	35.3	34.5	32.4	35.9	34.1
November	43.4	36.6	35.5	31.8	37.4	34.4
December	49.2	44.7	40.5	36.0	43.2	40.6
1995	43.6	38.3	37.7	33.8	39.2	36.3
1996						
January	54.8	49.9	44.7	38.0	47.9	45.2
February	53.2	42.8	41.7	37.0	44.9	40.3
March	51.9	47.1	42.1	35.9	44.6	42.0
April	51.1	48.3	43.4	39.9	45.3	43.7
May	51.1	45.0	41.4	36.9	43.3	41.0
June	47.3	40.4	38.4	35.0	40.8	37.5
July	48.6	41.4	38.7	37.3	41.0	38.9
August	48.6	42.0	38.8	37.6	41.3	39.3
September	50.3	42.8	42.9	40.4	44.6	41.2

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	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	10.2	9.2	7.8	12.8	18.0
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	7.5	4.2	10.2	11.8
August	3.0	7.1	8.5	5.3	11.4	12.5
September	2.5	7.5	9.3	5.9	11.8	13.4
October	2.0	7.1	8.6	5.0	10.6	12.1
November	2.8	6.8	8.9	5.7	11.8	12.5
December	4.0	9.8	8.7	8.6	12.7	18.4
1995	2.9	7.7	8.7	5.9	11.6	13.6
1996						
January	4.6	10.0	9.8	6.7	14.4	16.6
February	4.2	8.7	10.9	6.4	15.0	15.0
March	3.3	9.0	9.5	7.6	12.8	16.6
April	3.0	6.0	8.9	7.4	11.9	13.4
May	2.0	6.5	8.6	6.2	10.6	12.7
June	3.0	6.4	8.3	7.8	11.3	14.1
July	2.7	5.5	9.0	8.5	11.7	14.1
August	3.0	6.3	8.7	9.9	11.7	16.2
September	2.2	4.5	7.3	8.9	9.5	13.4

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	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	15.19	16.69	16.13	16.34	16.04	15.95	16.59	16.49	15.68	16.03	16.28	14.60
February	14.71	15.82	17.23	16.61	16.89	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	14.84	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	13.68	14.84	16.48	16.43	16.50	16.24	15.47	16.12	16.40	15.25	15.80	15.59	14.15
November	14.03	15.20	16.92	16.67	16.88	16.20	15.99	16.52	16.46	15.83	16.03	16.16	14.77
December	15.02	16.29	17.67	16.15	17.35	16.49	17.22	17.70	17.56	17.17	17.21	17.28	16.06
1995	14.62	15.72	17.18	16.74	16.93	16.53	16.39	16.95	16.88	16.19	16.43	16.63	15.18
1996													
January	15.42	16.44	17.80	17.72	17.63	17.02	17.05	17.49	17.26	17.03	16.78	17.19	15.91
February	15.55	16.43	17.67	17.73	17.91	16.91	17.04	17.64	17.38	17.01	17.06	17.04	15.79
March	17.63	18.68	19.74	19.39	19.86	18.23	19.41	19.99	19.74	19.48	19.34	19.56	18.04
April	19.58	20.62	21.80	21.57	21.73	20.38	21.51	21.98	21.78	21.64	21.39	21.63	20.25
May	17.96	18.56	20.17	20.24	20.44	19.52	19.46	19.92	19.70	19.52	19.25	19.44	18.94
June	16.94	17.78	19.50	19.58	19.83	18.85	18.70	19.27	19.00	18.90	18.65	18.86	18.27
July	17.63	18.50	19.97	19.81	20.05	18.69	19.55	19.98	19.76	19.77	19.43	19.62	19.06
August	18.29	19.16	20.44	20.49	20.57	18.99	20.32	20.71	20.47	20.42	20.12	20.39	19.72
September	19.98	21.08	22.48	22.53	22.63	21.17	22.21	22.64	22.39	22.39	22.01	21.98	21.99

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	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	16.71	14.27	16.25	15.92	15.81
February	15.74	16.50	16.98	15.88	16.57	16.58	15.16	17.23	14.83	16.94	16.58	16.37
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	16.46	16.39	14.82	17.11	14.83	16.78	16.41	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	15.14
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	15.44	15.38	13.93	16.03	13.81	15.75	15.43	15.27
November	15.16	16.37	16.29	15.07	15.99	16.00	14.43	16.71	14.42	16.38	16.00	15.74
December	16.43	16.77	17.54	16.64	17.21	17.09	15.63	17.99	15.70	17.56	17.19	17.00
1995	15.58	16.67	16.68	15.53	16.38	16.35	14.84	17.06	14.76	16.74	16.38	16.17
1996												
January	16.23	17.30	17.32	16.48	17.20	17.34	15.50	18.09	15.67	17.35	17.05	17.24
February	16.14	17.30	17.34	16.33	17.08	17.18	15.49	17.95	15.76	17.28	16.98	17.00
March	18.50	18.60	19.74	18.68	19.34	18.79	17.82	19.97	17.96	19.78	19.37	19.08
April	20.46	20.76	21.90	20.92	21.32	20.78	19.89	21.65	20.16	21.94	21.52	20.78
May	18.50	19.87	19.74	18.76	19.35	19.81	18.01	19.57	17.97	20.16	19.43	18.98
June	17.82	19.11	18.84	18.06	18.59	18.71	17.13	18.98	17.13	19.29	18.73	18.07
July	18.68	18.77	19.82	18.93	19.39	19.51	17.93	19.88	18.13	20.15	19.55	18.80
August	19.37	19.34	20.73	19.57	20.18	20.42	18.73	20.82	18.93	20.76	20.26	19.74
September	21.29	21.52	22.57	21.44	22.11	22.11	20.87	22.67	20.78	22.68	22.23	21.63

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	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	15.33	16.40	14.50	17.22	14.78	11.28	10.43	14.35	13.07	9.97
February	16.01	17.02	15.21	17.87	15.47	11.99	11.31	14.77	13.55	10.41
March	15.81	16.84	14.96	17.74	15.28	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	11.96
May	17.09	17.95	16.11	18.96	16.66	13.37	12.32	17.25	15.32	12.60
June	15.92	16.68	14.92	17.77	15.55	12.92	11.95	16.55	14.93	11.61
July	14.76	15.27	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	10.87	15.35	14.15	10.86
October	15.07	15.70	14.17	16.82	14.67	11.20	10.03	14.33	13.49	10.01
November	15.70	16.28	14.54	17.50	15.33	11.20	10.25	13.65	13.10	9.91
December	16.80	17.30	15.77	18.55	16.44	11.85	10.97	14.76	13.61	10.57
1995	15.90	16.67	14.93	17.71	15.50	12.08	11.12	15.28	14.00	10.81
1996										
January	16.74	17.32	15.73	18.37	16.38	12.93	12.13	15.87	14.55	11.23
February	16.66	17.28	15.68	18.29	16.28	13.40	12.76	15.43	14.87	11.63
March	19.01	19.58	18.03	20.65	18.63	15.18	14.23	17.40	17.11	13.58
April	20.89	21.87	20.13	22.79	20.29	16.90	16.02	19.69	18.71	15.13
May	19.12	19.60	17.92	20.69	18.85	15.76	15.88	17.58	15.96	13.17
June	18.38	18.84	17.20	19.81	18.15	14.51	14.24	17.19	15.26	12.65
July	19.23	19.87	18.15	20.49	18.98	14.85	14.62	17.96	15.53	12.67
August	19.82	20.49	18.77	20.99	19.59	15.34	15.29	18.20	15.71	13.06
September	21.73	22.50	20.64	22.66	21.51	16.58	16.30	20.07	17.31	14.59

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
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	12.44	12.64	13.54	16.80	15.57	16.59	15.06	13.31
February	11.31	12.85	13.14	14.08	17.36	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	15.60	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	17.21	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	10.87	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
November	10.25	12.35	12.55	13.55	16.80	15.62	16.64	15.14	13.95
December	10.97	12.80	13.12	13.98	18.11	16.86	17.85	16.33	15.11
1995	11.12	13.37	13.59	14.70	17.14	16.02	17.03	15.52	14.06
1996									
January	12.13	13.92	14.11	14.90	18.27	16.67	17.69	16.15	15.13
February	12.76	14.33	14.48	15.05	18.06	16.60	17.62	16.09	14.96
March	14.23	16.57	16.75	17.27	20.06	18.95	19.99	18.57	17.30
April	16.02	17.97	18.12	18.80	21.69	20.85	22.21	20.63	19.05
May	15.88	14.88	15.19	15.83	19.58	18.95	20.18	18.61	17.43
June	14.24	14.11	14.41	15.18	18.92	18.27	19.41	17.90	16.74
July	14.62	14.34	14.69	15.70	19.80	19.11	20.23	18.72	17.49
August	15.29	14.38	14.73	16.85	20.77	19.78	20.94	19.44	18.20
September	16.30	15.85	16.23	16.47	22.66	21.68	22.85	21.46	20.08

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
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	12.39	14.04	10.45	15.74	15.61	16.55
February	12.84	14.62	11.33	16.30	16.36	17.23
March	13.09	14.46	11.49	16.10	16.27	17.02
April	14.19	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	16.40	16.44	16.99
July	13.17	13.66	11.20	15.14	15.29	15.79
August	13.27	14.28	10.26	15.63	15.75	16.52
September	13.43	14.62	10.90	15.88	16.05	16.77
October	12.62	13.87	10.05	15.15	15.31	15.97
November	12.33	14.38	10.28	15.67	15.86	16.59
December	12.94	15.47	11.00	16.89	16.96	17.78
1995	13.26	14.64	11.14	16.15	16.24	16.98
1996						
January	13.80	15.60	12.16	17.05	16.97	17.65
February	14.16	15.50	12.77	16.85	16.94	17.60
March	16.32	17.85	14.25	19.10	19.24	19.92
April	17.84	19.77	16.05	20.89	21.23	22.08
May	15.22	17.88	15.90	18.93	19.47	20.16
June	14.46	17.22	14.26	18.16	18.72	19.37
July	14.77	17.92	14.65	18.97	19.54	20.21
August	14.97	18.54	15.32	19.81	20.12	20.92
September	16.59	20.39	16.34	21.77	22.05	22.82

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	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	15.96	15.14
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	17.20
May	W	W	17.20	18.66	W	18.42	15.76	17.96	16.69	16.98
June	-	17.71	16.07	17.66	W	W	13.80	16.63	W	15.48
July	-	W	14.77	15.97	W	W	13.33	15.56	W	14.45
August	W	W	14.54	16.48	W	16.23	13.73	15.68	15.13	14.89
September	W	W	15.24	16.91	W	16.47	13.30	16.06	14.97	14.79
October	-	W	15.02	16.54	W	16.41	12.40	15.14	W	14.26
November	-	W	15.32	17.28	W	W	13.38	15.63	W	15.05
December	-	W	16.41	18.37	W	W	14.70	16.36	W	15.74
1995	W	17.12	15.64	17.40	W	16.94	13.86	16.28	15.63	15.36
1996										
January	-	W	16.36	18.63	W	W	14.12	16.15	W	16.04
February	-	W	16.53	18.53	W	W	15.22	16.92	W	17.02
March	-	W	18.39	20.44	18.29	19.42	17.78	19.02	18.62	18.85
April	-	W	19.63	21.49	W	W	17.99	20.60	W	18.94
May	-	19.71	17.93	20.13	W	19.02	16.35	19.24	W	17.87
June	-	W	17.05	19.25	17.96	W	16.07	18.30	17.70	17.32
July	W	W	17.85	19.90	18.59	W	16.75	18.97	18.50	17.94
August	-	W	18.94	21.13	20.05	18.82	17.33	19.87	19.86	19.06
September	W	W	21.17	22.75	21.29	W	19.70	21.41	21.09	20.78

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
1994											
January	W	12.13	W	11.61	15.76	11.66	14.98	11.78	13.52	11.86	12.94
February	-	12.05	16.17	11.73	14.68	12.32	15.40	11.12	13.60	12.24	12.59
March	W	11.92	W	11.97	15.13	13.31	14.67	11.87	13.33	12.85	13.05
April	W	13.43	15.08	13.23	16.46	14.30	15.31	12.72	15.09	14.21	14.47
May	-	15.25	16.42	14.10	17.36	15.81	16.33	13.53	16.48	15.72	15.62
June	W	16.45	17.00	15.44	18.21	16.60	17.40	14.15	17.18	16.58	16.48
July	W	17.53	18.41	16.17	18.74	16.81	17.96	15.02	17.73	16.86	16.88
August	W	16.51	19.96	14.97	17.78	15.68	17.41	13.24	16.92	15.72	15.69
September	W	15.50	W	14.04	17.39	15.62	16.62	13.04	16.38	15.46	15.25
October	W	15.54	W	14.82	17.85	15.41	17.06	13.85	16.28	15.34	15.51
November	W	16.06	W	15.61	18.04	15.85	17.19	13.03	16.97	15.84	15.63
December	W	15.41	16.99	15.56	17.24	15.56	16.84	13.50	16.45	15.56	15.34
1994	W	14.83	16.91	14.09	17.21	15.11	16.64	13.12	15.95	15.02	15.08
1995											
January	W	16.09	W	15.52	17.64	16.66	17.35	13.66	16.94	16.65	16.15
February	W	16.74	W	16.23	18.24	17.15	17.70	14.01	17.57	17.07	16.53
March	W	16.88	18.78	16.34	18.13	17.41	18.00	15.29	17.78	17.33	16.86
April	W	18.27	W	17.56	19.82	18.45	18.53	16.95	18.58	18.41	18.33
May	W	18.44	W	17.69	19.45	17.71	19.16	16.68	18.86	17.70	17.93
June	-	17.28	18.98	16.58	18.74	16.39	18.71	14.85	17.96	16.41	16.64
July	W	16.33	17.67	15.28	17.29	15.85	17.44	14.21	16.73	15.83	15.73
August	W	16.35	17.62	15.12	17.39	16.15	17.28	14.68	16.68	16.11	16.02
September	W	16.37	W	15.74	17.86	16.35	17.44	14.28	17.13	16.35	16.22
October	W	15.37	W	15.61	17.49	16.03	17.32	13.33	16.72	15.97	15.60
November	-	15.37	W	15.90	17.98	17.00	17.28	14.20	16.96	16.87	16.30
December	-	16.07	W	17.08	19.10	16.73	18.74	15.48	17.82	16.62	16.91
1995	W	16.65	18.53	16.19	18.25	16.84	17.91	14.81	17.49	16.79	16.61
1996											
January	W	16.07	W	16.85	19.66	17.84	18.49	15.12	18.12	17.77	17.47
February	-	16.33	W	17.02	19.47	18.74	19.39	16.02	18.82	18.78	18.14
March	W	18.54	W	18.95	21.25	19.59	19.25	18.64	20.67	19.91	19.89
April	-	21.09	W	20.23	22.32	20.55	20.76	19.14	21.82	20.48	20.38
May	-	20.16	21.23	18.67	21.17	19.55	21.22	17.42	20.38	19.44	19.25
June	-	19.20	20.99	17.75	20.11	18.92	20.40	17.13	19.41	18.79	18.71
July	W	19.73	W	18.55	20.85	19.79	19.79	17.56	19.89	19.62	19.19
August	-	20.44	W	19.55	21.95	20.26	20.56	18.20	20.84	20.09	20.05
September	W	21.84	W	21.67	23.47	21.94	21.26	20.28	22.73	21.80	21.73

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

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

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

Year Month	20.0 or Less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or Greater
1978	11.98	11.74	12.51	13.06	13.62	14.00	14.01
1979	14.43	18.54	19.91	19.54	21.24	21.65	19.77
1980	23.09	28.76	30.72	30.31	34.33	35.39	36.13
1981	26.70	31.20	33.61	34.38	36.85	38.42	38.59
1982	23.08	25.82	31.48	33.56	34.29	34.82	34.48
1983	21.77	24.27	27.38	29.04	29.74	30.10	30.12
1984	24.10	25.31	27.22	28.55	29.18	29.40	28.02
1985	23.45	24.27	24.86	26.46	27.43	27.79	26.90
1986	10.51	10.96	12.25	12.83	13.83	14.19	13.76
1987	15.21	15.37	15.76	17.24	17.99	18.03	17.37
1988	11.92	11.65	12.48	13.82	14.38	14.89	15.25
1989	14.00	14.89	16.95	17.50	18.09	18.23	18.05
1990	15.98	18.00	20.54	20.77	22.19	22.78	22.28
1991	11.91	13.72	16.33	17.67	20.15	19.69	20.85
1992	11.83	13.96	16.74	18.02	19.50	19.58	20.05
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	16.28	17.21	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	18.85
June	13.75	14.53	16.30	16.35	17.48	18.04	17.72
July	12.98	13.20	15.28	15.46	16.18	W	16.48
August	12.71	13.46	15.83	15.48	16.47	W	16.46
September	12.85	13.27	15.90	15.55	16.87	W	17.04
October	11.69	12.42	15.05	15.31	16.52	W	16.66
November	12.76	12.85	15.29	16.09	16.99	16.76	17.83
December	13.86	14.23	16.63	16.08	18.14	17.79	W
1995	13.35	13.93	16.14	16.19	17.25	17.30	17.32
1996							
January	13.37	13.73	16.32	17.32	18.27	18.65	W
February	14.23	14.59	17.14	18.38	18.10	19.58	W
March	15.41	16.74	19.23	19.50	20.27	W	21.05
April	15.57	17.62	20.70	19.82	21.59	W	W
May	14.81	16.32	19.02	18.88	19.91	20.09	20.04
June	14.93	15.96	18.12	18.22	19.21	18.91	W
July	15.49	16.41	18.79	18.92	20.15	20.29	W
August	16.13	17.04	19.81	20.13	21.11	20.37	20.89
September	17.78	19.11	21.85	21.68	23.12	W	W

W = Withheld to avoid disclosure of individual company data.

^a Free on Board. See Glossary.

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

Year Month	20.0 or Less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or Greater
1978	12.75	13.11	13.76	14.10	14.69	14.87	15.16
1979	15.57	20.05	20.88	21.01	22.61	23.06	21.23
1980	24.54	29.65	31.83	31.73	35.81	36.85	37.57
1981	27.94	32.00	34.86	35.71	38.36	39.78	39.97
1982	24.17	26.46	32.62	34.76	35.43	35.78	35.81
1983	23.17	24.95	28.62	30.25	30.96	31.28	31.27
1984	25.08	25.97	28.38	29.58	30.16	30.16	29.05
1985	24.33	24.65	26.17	27.10	28.29	28.39	27.73
1986	11.30	11.49	13.28	13.59	14.99	14.80	15.37
1987	16.14	15.87	17.21	18.16	18.72	18.89	18.57
1988	12.75	12.11	13.54	14.35	15.21	15.74	16.24
1989	14.90	15.42	17.59	17.87	18.74	19.05	19.13
1990	16.82	18.54	21.59	21.18	22.47	23.47	23.41
1991	13.06	14.41	17.17	18.65	20.86	20.88	22.15
1992	12.89	14.58	17.39	18.50	20.11	20.55	20.95
1993	12.44	12.96	15.72	16.06	17.88	18.38	18.22
1994	12.42	12.93	15.10	15.61	16.65	16.64	16.91
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	14.43	14.81	16.84	17.13	17.96	18.17	17.90
January	13.91	14.06	16.26	16.91	17.27	16.74	17.41
February	14.21	14.62	16.88	17.27	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	18.72	19.05	18.83	18.93
May	16.20	16.75	18.26	18.12	19.28	19.21	19.08
June	14.78	15.44	17.03	17.20	18.59	18.51	18.82
July	13.96	14.10	15.97	16.41	17.16	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	16.65	17.55	18.60	18.02
October	12.88	13.40	15.78	16.24	17.30	17.78	17.46
November	13.56	13.74	16.13	17.01	17.54	17.53	18.21
December	14.80	15.03	17.13	17.15	18.69	18.48	18.18
1995	14.43	14.81	16.84	17.13	17.96	18.17	17.90
1996	14.41	14.78	17.62	18.08	18.72	19.22	18.47
January	15.29	15.42	17.66	18.85	18.80	20.03	19.74
February	16.63	17.52	19.84	20.30	20.56	21.63	21.48
March	17.04	18.65	21.71	20.94	22.14	21.86	22.15
April	15.97	17.39	19.92	19.90	21.01	21.48	21.57
May	16.10	16.90	19.17	19.20	20.09	20.30	20.63
June	16.64	17.28	19.70	19.77	20.72	21.02	20.96
July	17.28	17.98	20.52	20.65	21.71	21.57	21.81
August	18.86	19.86	22.72	22.29	23.28	23.29	22.61
September							

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Table 28. Percentages of Total Imported Crude Oil by API Gravity

(Percent by Interval)

Year Month	20.0 or Less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or Greater
1978	1.26	3.57	7.93	38.79	31.66	13.48	3.31
1979	1.65	3.96	8.45	38.98	30.64	13.36	2.96
1980	1.70	6.18	9.25	38.43	27.02	13.56	3.85
1981	2.19	8.88	9.46	37.37	26.60	12.53	2.98
1982	3.39	14.90	11.72	35.58	23.76	8.44	2.20
1983	3.91	20.40	15.14	24.95	23.63	7.74	4.23
1984	6.48	20.52	11.59	21.05	25.75	8.12	6.48
1985	7.62	20.46	11.19	27.14	24.93	4.02	4.65
1986	5.54	19.36	14.12	27.49	25.74	3.65	4.11
1987	4.04	19.68	16.88	26.91	24.79	3.87	3.85
1988	3.52	18.27	15.99	30.72	24.45	4.04	3.02
1989	2.55	14.39	16.80	36.27	23.79	3.55	2.64
1990	3.64	14.96	18.13	34.44	23.21	2.94	2.67
1991	3.76	16.02	20.79	34.84	20.94	2.11	1.55
1992	4.05	17.64	22.41	31.38	20.49	3.00	1.04
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	3.71	18.35	21.23	27.59	23.06	2.45	3.61
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	5.33	19.30	16.25	34.63	19.75	2.97	1.78
August	4.21	19.46	17.82	29.45	24.03	3.24	1.80
September	4.05	17.79	16.84	30.79	26.36	1.61	2.56
October	4.79	16.91	14.73	32.51	28.25	0.98	1.83
November	3.30	19.43	15.27	31.36	26.55	2.48	1.62
December	4.20	19.63	16.36	32.18	23.25	3.40	0.98
1995	4.52	18.38	17.04	31.51	23.81	2.98	1.76
1996							
January	4.18	22.65	17.99	28.49	22.99	2.20	1.50
February	4.56	21.56	14.82	29.05	25.19	3.55	1.28
March	3.80	19.60	19.83	31.55	22.51	1.17	1.54
April	4.58	20.96	13.90	31.83	26.55	0.97	1.20
May	4.51	18.61	15.86	32.04	24.32	3.00	1.66
June	4.30	20.31	15.36	34.07	22.69	2.29	0.98
July	6.17	19.23	13.52	33.80	24.16	2.21	0.92
August	5.36	20.44	13.46	32.33	24.02	2.55	1.84
September	3.72	22.14	14.48	36.51	20.79	0.76	1.60

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

Year Quarter Month	Algerian Condensate	Angolan Cabinda	Canadian Lloydminster	Cameroon Kole Marine	Ecuadorian Oriente	Mexican Isthmus	Mexican Mayan
1978 Average	W	13.32	-	W	12.87	13.24	-
1979 Average	W	20.35	-	W	27.59	20.29	21.50
1980 Average	35.81	33.24	W	35.92	34.51	32.78	28.73
1981 Average	38.38	35.55	W	37.51	32.66	36.23	30.82
1982 Average	32.58	31.86	W	33.73	32.36	32.50	25.29
1983 Average	29.86	28.14	24.54	29.03	28.22	29.41	23.99
1984 Average	27.77	27.58	24.70	28.56	28.16	29.00	25.35
1985 Average	26.57	26.30	23.79	26.86	26.12	27.25	24.23
1986 Average	13.25	13.39	12.77	13.64	13.32	13.88	10.93
1987 Average	16.66	17.31	15.12	W	16.53	17.94	15.72
1988 Average	W	14.52	11.28	14.28	12.96	14.23	11.26
1989 Average	W	17.15	W	17.46	16.26	W	14.71
1990 Average	W	W	18.50	W	W	23.39	17.29
1991 Average	W	W	13.51	W	16.04	18.55	13.02
1992 Average	W	18.46	W	W	17.60	17.92	13.42
1993 Average	W	15.65	W	W	14.57	15.95	12.03
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	-	16.38	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	13.50
3rd Quarter							
Average	W	W	W	-	16.00	16.09	13.38
October	-	15.50	12.31	-	-	W	13.10
November	-	W	W	-	W	16.02	13.47
December	-	W	12.55	-	15.62	W	15.06
4th Quarter							
Average	-	16.10	12.41	-	14.40	16.38	14.02
1995 Average	W	16.37	14.44	W	16.29	16.53	14.37
1996							
January	-	16.75	12.95	-	16.20	W	14.75
February	-	17.89	13.38	-	W	W	15.01
March	-	19.63	W	-	18.89	W	16.66
1st Quarter							
Average	-	18.19	14.18	-	17.31	18.50	15.47
April	-	20.81	19.05	-	W	21.79	17.69
May	-	19.37	17.36	-	W	W	16.34
June	-	18.58	17.00	-	W	W	15.80
2nd Quarter							
Average	-	19.45	17.75	-	18.28	20.44	16.61
July	-	19.60	17.50	-	W	W	16.14
August	-	20.08	W	W	W	W	17.20
September	-	W	19.49	-	W	W	19.15
3rd Quarter							
Average	-	20.22	18.21	W	18.95	W	17.38

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 Average	15.56	16.06	—	14.83	13.54	W	8.56
1995							
January	W	W	—	W	—	W	—
February	—	W	—	W	W	—	W
March	—	W	W	W	—	W	W
1st Quarter							
Average	W	17.24	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	—
November	W	W	—	W	—	W	—
December	W	W	W	W	—	W	W
4th Quarter							
Average	W	W	W	W	—	W	W
1995 Average	17.63	17.36	18.11	W	W	W	W
1996							
January	W	W	—	W	—	W	—
February	20.07	18.30	—	W	—	W	—
March	—	20.16	—	W	—	W	W
1st Quarter							
Average	19.31	18.93	—	W	—	17.82	W
April	—	W	—	W	—	W	W
May	W	W	—	W	—	19.17	—
June	W	W	—	W	—	W	W
2nd Quarter							
Average	W	19.68	—	17.80	—	19.09	W
July	W	W	—	W	—	W	W
August	W	W	W	W	W	W	W
September	—	W	—	W	—	—	—
3rd Quarter							
Average	W	W	W	W	W	W	W

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^a Free on Board. See Glossary.

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

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

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

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

Year Quarter Month	Algerian Condensate	Angolan Cabinda	Canadian Lloydminster	Cameroon Kole Marine	Ecuadorian Oriente	Mexican Isthmus	Mexican Mayan
1978 Average	W	14.07	-	W	13.85	13.54	-
1979 Average	W	21.51	-	25.40	29.17	20.78	22.23
1980 Average	37.73	34.68	W	37.89	34.61	33.42	29.49
1981 Average	40.03	36.84	W	38.95	33.56	36.87	31.52
1982 Average	33.71	33.08	W	34.95	32.97	33.11	25.86
1983 Average	30.79	29.31	25.27	30.28	28.90	30.00	24.56
1984 Average	28.59	28.63	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 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	17.32	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	13.99
3rd Quarter							
Average	W	16.51	15.58	-	15.80	16.54	13.88
October	W	16.59	13.46	-	W	W	13.65
November	-	16.91	13.29	-	15.07	16.55	13.98
December	-	17.52	13.66	-	16.95	17.66	15.66
4th Quarter							
Average	W	16.93	13.49	-	15.69	16.87	14.59
1995 Average	W	17.31	15.56	W	16.84	16.99	14.88
1996							
January	W	17.79	14.07	-	16.50	18.38	15.41
February	-	18.60	14.51	-	16.19	18.00	15.61
March	W	20.72	17.17	-	19.84	21.17	17.31
1st Quarter							
Average	W	19.27	15.32	-	17.86	19.12	16.09
April	-	21.14	20.04	-	22.00	22.56	18.37
May	-	20.48	18.68	-	19.36	20.84	17.10
June	-	19.69	18.22	-	18.66	19.42	16.40
2nd Quarter							
Average	-	20.40	18.94	-	20.00	21.19	17.27
July	-	20.51	18.63	-	19.13	20.29	16.74
August	-	21.35	18.85	W	19.15	20.77	17.76
September	-	22.79	20.38	-	W	23.05	19.83
3rd Quarter							
Average	-	21.46	19.21	W	19.48	21.67	18.07

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 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	18.18	W	17.50	16.26	17.79	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	17.14	16.65	15.44	17.43	W
3rd Quarter							
Average	18.09	17.55	17.14	16.45	15.32	17.43	W
October	—	W	—	16.47	W	17.33	—
November	17.61	W	—	17.44	W	17.57	—
December	18.63	19.22	W	16.83	W	18.43	W
4th Quarter							
Average	18.20	18.21	W	16.92	W	17.61	W
1995 Average	18.68	18.35	18.24	17.17	16.07	17.96	W
1996							
January	W	W	—	18.20	W	18.41	—
February	19.97	19.16	—	19.29	—	19.31	—
March	—	20.82	—	20.30	W	18.80	W
1st Quarter							
Average	19.89	19.73	—	19.35	W	18.84	W
April	—	W	—	20.49	W	20.87	W
May	21.69	22.10	—	19.97	W	21.40	—
June	20.24	19.95	—	19.34	W	20.55	W
2nd Quarter							
Average	21.21	20.55	—	19.99	W	21.04	W
July	21.47	20.31	—	20.25	W	19.82	W
August	21.75	21.37	W	20.89	W	20.78	W
September	—	23.88	—	22.38	—	21.71	—
3rd Quarter							
Average	21.64	22.06	W	21.19	W	20.54	W

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

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Prices of Petroleum Products

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
September 1996	81.2	81.0	74.9	67.8	61.8	69.1	89.1	88.7	80.2	71.6	W	76.2
August 1996	81.3	81.1	75.3	66.8	61.3	68.5	89.3	88.9	81.0	70.7	63.1	76.2
September 1995	72.4	72.1	65.7	58.3	53.5	59.8	80.3	79.9	70.7	62.2	NA	66.8
PAD District I												
September 1996	78.1	77.6	73.4	65.7	62.4	67.8	87.1	86.5	79.8	70.1	—	74.9
August 1996	78.5	78.0	73.2	64.5	62.1	66.9	87.5	86.8	79.7	69.0	W	74.3
September 1995	72.0	71.5	66.3	57.9	55.8	60.6	81.4	80.7	71.9	61.9	—	66.9
Subdistrict IA												
September 1996	82.9	82.7	77.4	69.1	63.7	71.2	92.3	91.3	83.5	72.6	—	78.7
August 1996	83.3	83.1	77.7	68.1	64.9	70.9	92.7	91.4	84.1	71.9	—	78.5
September 1995	78.5	78.0	72.6	62.7	55.9	65.4	88.4	86.9	79.6	66.7	—	73.6
Connecticut												
September 1996	80.9	80.6	75.5	69.5	64.1	70.6	90.7	88.7	80.8	72.8	—	77.3
August 1996	81.3	80.9	75.9	68.3	65.0	71.1	90.8	88.5	80.8	71.8	—	76.7
September 1995	77.2	76.6	71.3	62.8	—	66.6	87.2	84.8	77.6	67.0	—	72.6
Maine												
September 1996	84.6	84.6	77.0	68.5	W	68.5	95.0	93.9	87.5	71.8	—	77.1
August 1996	84.8	85.2	76.7	68.0	63.4	68.2	94.8	93.9	89.1	71.8	—	77.2
September 1995	79.9	79.6	71.4	62.6	W	64.2	90.5	89.3	82.5	66.3	—	71.4
Massachusetts												
September 1996	82.5	82.3	78.3	69.2	64.6	72.0	92.0	91.3	84.5	72.7	—	80.1
August 1996	83.1	82.8	78.7	68.0	65.8	71.5	92.6	91.5	85.2	71.9	—	80.1
September 1995	78.6	78.1	73.8	62.7	55.8	65.6	88.7	87.2	80.8	66.9	—	75.0
New Hampshire												
September 1996	84.2	84.0	77.9	69.3	—	75.0	94.4	93.8	82.5	73.8	—	80.7
August 1996	84.3	84.1	78.2	68.5	—	74.9	94.7	93.5	82.8	73.3	—	80.9
September 1995	78.6	78.3	72.2	63.6	—	69.3	88.8	87.8	78.1	67.3	—	75.9
Rhode Island												
September 1996	78.8	78.7	75.3	69.2	W	70.0	87.6	87.5	80.5	72.7	—	76.2
August 1996	79.7	79.6	76.0	68.6	64.0	69.3	88.4	88.1	81.5	72.3	—	76.2
September 1995	74.2	74.1	70.7	61.9	W	61.0	83.7	83.2	77.5	65.8	—	71.3
Vermont												
September 1996	88.5	87.9	80.3	69.3	—	76.9	97.2	95.9	86.5	73.6	—	82.9
August 1996	88.6	88.2	79.2	68.7	—	75.9	97.4	96.3	85.5	72.9	—	81.9
September 1995	82.7	81.7	73.4	63.2	—	70.5	91.8	89.7	79.1	67.5	—	75.8
Subdistrict IB												
September 1996	79.1	78.8	73.7	67.0	62.0	68.2	87.5	86.9	80.6	71.5	—	77.0
August 1996	79.9	79.4	73.9	66.1	61.6	67.3	88.3	87.6	80.9	71.0	W	76.9
September 1995	75.5	74.8	67.7	60.7	55.9	62.2	84.7	83.7	73.6	64.9	—	70.2
Delaware												
September 1996	80.6	80.3	73.8	67.3	W	70.6	90.3	89.8	80.2	71.0	—	76.2
August 1996	79.1	78.8	74.4	66.4	W	70.4	87.4	87.2	80.6	70.1	—	76.1
September 1995	75.2	74.4	67.9	61.1	W	64.3	85.3	84.4	73.8	64.8	—	69.7
District of Columbia												
September 1996	W	74.6	79.2	—	—	79.2	W	85.7	83.2	—	—	83.2
August 1996	W	76.7	79.0	—	—	79.0	W	87.7	83.3	—	—	83.3
September 1995	W	65.2	67.7	—	—	67.7	W	74.9	71.5	—	—	71.5
Maryland												
September 1996	84.1	82.0	76.0	66.3	65.7	72.2	93.0	89.0	81.4	70.4	—	78.3
August 1996	84.7	82.2	76.3	65.5	W	72.1	93.4	89.6	82.1	70.1	—	78.3
September 1995	74.4	71.8	65.9	59.7	W	63.5	82.9	80.6	70.7	64.4	—	68.7
New Jersey												
September 1996	80.6	80.0	75.3	67.7	61.7	65.8	92.7	91.8	81.3	73.3	—	78.2
August 1996	82.8	82.1	76.9	66.7	61.5	65.1	94.5	93.2	82.6	73.0	—	79.0
September 1995	77.8	77.0	71.5	61.5	56.1	61.0	89.7	88.5	76.7	66.9	—	73.4
New York												
September 1996	79.7	79.3	72.8	67.7	63.6	69.9	87.2	86.7	81.8	72.8	—	78.9
August 1996	80.4	79.9	72.3	66.7	60.9	68.6	88.1	87.6	81.0	72.1	W	78.0
September 1995	76.3	75.9	67.1	61.9	53.8	63.6	85.9	85.0	75.3	66.9	—	72.6
Pennsylvania												
September 1996	77.3	77.2	71.8	66.3	62.7	67.8	85.2	85.0	77.3	70.5	—	73.4
August 1996	77.6	77.4	71.8	65.3	62.1	67.1	85.8	85.4	77.5	70.0	—	73.2
September 1995	74.0	73.6	66.6	59.3	56.0	61.3	82.7	82.2	72.0	63.2	—	67.3

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
September 1996	97.3	96.6	87.2	76.9	68.6	80.8	84.6	84.4	78.1	69.6	62.5	71.7
August 1996	97.4	96.5	87.9	75.8	65.4	80.4	84.8	84.5	78.7	68.6	61.6	71.2
September 1995	89.1	88.3	78.7	67.9	58.6	72.0	76.4	76.0	69.5	60.4	54.0	62.8
PAD District I												
September 1996	96.1	95.0	87.1	75.8	67.4	80.4	82.7	82.1	77.8	68.1	63.1	71.3
August 1996	96.2	95.0	87.2	74.7	67.7	80.0	83.1	82.5	77.7	67.0	62.6	70.4
September 1995	90.2	89.2	79.9	68.1	62.5	73.3	77.3	76.6	70.9	60.6	56.8	64.3
Subdistrict 1A												
September 1996	100.7	99.6	90.0	78.5	69.5	82.9	86.9	86.5	80.8	71.1	64.4	74.1
August 1996	101.1	99.7	90.4	77.6	67.0	82.8	87.3	86.9	81.2	70.3	65.1	73.8
September 1995	97.0	95.5	86.2	72.7	63.6	78.5	83.3	82.6	76.8	65.1	56.7	69.0
Connecticut												
September 1996	100.5	99.1	87.8	79.7	W	83.4	85.5	84.9	78.8	71.9	64.3	73.6
August 1996	101.1	99.5	87.7	78.6	—	83.2	85.9	85.2	79.1	70.8	65.0	74.1
September 1995	97.2	95.5	84.6	73.6	—	79.0	82.5	81.5	75.4	65.6	—	70.2
Maine												
September 1996	102.5	101.0	89.0	77.9	W	80.1	87.9	87.7	80.5	70.0	W	70.7
August 1996	102.2	100.4	88.7	77.6	W	78.6	88.2	88.2	80.9	69.9	63.8	70.6
September 1995	98.0	96.5	83.3	72.3	W	73.7	84.0	83.4	75.4	64.5	62.0	66.6
Massachusetts												
September 1996	100.1	98.8	91.3	78.1	W	82.7	86.7	86.4	82.0	71.1	65.5	74.9
August 1996	100.5	99.0	91.9	76.8	W	83.1	87.3	86.8	82.5	70.0	65.9	74.5
September 1995	97.3	95.4	88.2	72.3	W	79.3	83.7	83.0	78.5	65.1	56.8	69.6
New Hampshire												
September 1996	101.7	101.3	90.3	79.1	—	86.9	88.0	87.7	80.7	71.3	—	77.7
August 1996	101.7	100.9	90.6	78.0	—	86.8	88.2	87.8	81.1	70.5	—	77.7
September 1995	96.7	96.4	84.4	74.4	—	81.5	83.2	82.7	75.5	65.9	—	72.5
Rhode Island												
September 1996	95.8	95.4	88.3	78.2	—	81.9	82.9	82.8	78.8	71.3	W	72.7
August 1996	96.4	96.0	89.0	77.7	—	81.6	83.7	83.5	79.6	71.0	64.0	72.1
September 1995	91.6	91.2	84.4	71.7	W	75.7	79.3	79.1	75.1	64.5	W	64.4
Vermont												
September 1996	105.9	105.4	92.3	78.7	—	88.0	92.0	91.4	82.9	71.3	—	79.4
August 1996	106.0	105.5	91.9	78.3	—	87.9	92.2	91.7	82.1	70.7	—	78.6
September 1995	100.1	97.7	85.8	72.8	—	82.3	87.0	85.7	76.5	65.5	—	73.4
Subdistrict 1B												
September 1996	96.5	95.4	88.0	76.9	66.9	81.5	83.6	83.0	78.7	69.4	62.7	72.0
August 1996	97.1	95.9	88.4	76.1	67.8	81.7	84.3	83.7	78.9	68.6	62.2	71.1
September 1995	93.0	91.9	81.9	70.8	63.5	76.2	80.6	79.7	72.8	63.3	56.9	66.4
Delaware												
September 1996	99.9	98.9	87.7	76.7	—	82.4	85.1	84.8	77.2	69.6	W	73.4
August 1996	95.6	95.0	88.1	75.7	—	82.2	83.1	82.8	77.9	68.8	W	73.3
September 1995	94.7	93.5	81.5	70.9	—	76.4	80.4	79.6	71.6	63.6	W	67.5
District of Columbia												
September 1996	W	89.9	91.1	—	—	91.1	W	80.4	85.1	—	—	85.1
August 1996	W	91.5	91.4	—	—	91.4	W	82.4	85.1	—	—	85.1
September 1995	W	79.2	78.9	—	—	78.9	W	70.8	73.9	—	—	73.9
Maryland												
September 1996	99.7	96.5	87.7	76.4	W	84.4	88.3	85.8	79.8	68.8	66.1	75.9
August 1996	100.0	96.2	88.6	75.8	W	84.8	88.9	86.0	80.3	68.2	W	76.0
September 1995	89.6	86.7	76.4	70.3	W	74.5	79.1	76.6	69.8	62.9	W	67.3
New Jersey												
September 1996	100.8	99.3	89.4	77.1	66.7	79.0	87.4	86.6	80.8	70.7	62.4	69.5
August 1996	102.8	101.0	90.8	75.8	68.1	80.8	89.5	88.5	82.2	69.7	62.0	68.6
September 1995	97.9	96.6	85.7	70.7	63.5	76.3	85.2	84.2	77.4	64.7	57.1	65.7
New York												
September 1996	95.9	94.9	88.6	77.7	69.9	84.7	83.5	82.9	78.6	69.9	64.4	74.4
August 1996	96.2	95.3	88.1	76.9	68.6	83.3	84.2	83.6	78.0	69.0	62.1	73.0
September 1995	92.9	92.2	82.7	72.0	64.1	78.7	80.9	80.3	72.8	64.3	54.5	68.1
Pennsylvania												
September 1996	93.6	93.0	84.1	76.3	67.0	78.6	81.3	81.1	75.2	68.5	63.6	70.5
August 1996	94.1	93.3	84.6	75.8	65.4	78.4	81.7	81.4	75.2	67.7	62.7	69.9
September 1995	90.6	89.9	79.7	69.8	63.3	73.2	78.6	78.1	70.5	61.8	57.3	64.5

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	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												
September 1996	76.5	76.0	71.4	64.2	64.4	66.4	86.1	85.6	78.0	69.1	—	72.8
August 1996	76.7	76.2	70.7	62.8	62.7	65.2	86.3	85.7	77.4	67.7	—	71.7
September 1995	68.8	68.3	62.2	55.1	54.9	57.4	78.8	78.2	68.0	59.7	—	63.2
Florida												
September 1996	79.2	78.4	73.8	64.4	W	67.5	89.3	88.4	81.1	69.2	—	75.0
August 1996	79.0	78.2	72.9	63.1	62.3	66.2	89.0	87.7	80.1	67.5	—	73.5
September 1995	70.3	69.8	62.4	54.9	W	57.5	80.5	79.8	68.6	59.4	—	63.9
Georgia												
September 1996	73.4	73.3	68.1	63.7	W	65.2	83.6	83.2	73.2	69.1	—	70.9
August 1996	74.2	74.0	67.6	62.3	W	64.0	84.3	83.8	72.8	67.6	—	69.9
September 1995	66.1	66.1	60.3	55.1	54.9	56.8	76.5	76.0	65.3	60.2	—	62.5
North Carolina												
September 1996	74.6	74.0	69.1	64.1	63.8	65.2	83.4	83.1	75.5	69.0	—	70.7
August 1996	74.6	73.9	68.2	62.7	W	64.0	83.5	83.3	74.7	67.5	—	69.5
September 1995	67.7	66.9	61.4	55.0	W	56.5	76.8	76.2	68.0	59.6	—	61.9
South Carolina												
September 1996	72.4	72.3	70.2	64.0	W	65.5	82.7	82.4	76.0	69.1	—	70.9
August 1996	73.1	72.9	69.0	62.4	W	64.0	83.5	83.1	75.1	67.4	—	69.6
September 1995	66.0	65.7	63.1	55.0	W	57.1	76.9	76.4	67.7	59.8	—	62.0
Virginia												
September 1996	79.2	78.8	74.3	64.5	W	67.8	88.4	87.7	79.8	68.7	—	74.0
August 1996	79.6	79.0	74.1	63.6	61.0	67.1	89.2	88.5	80.2	68.2	—	73.8
September 1995	70.6	70.3	64.2	55.7	54.7	58.6	80.7	80.2	69.6	59.5	—	64.2
West Virginia												
September 1996	80.4	80.1	74.0	66.4	—	71.1	89.6	89.1	78.7	71.1	—	76.5
August 1996	80.8	80.4	72.8	64.9	—	69.6	89.2	88.7	78.0	69.4	—	75.2
September 1995	75.4	74.8	65.5	57.4	W	61.9	85.1	84.2	70.7	62.3	—	68.0
PAD District II												
September 1996	80.4	80.4	73.1	68.3	63.0	69.1	88.2	88.1	79.7	72.5	—	76.2
August 1996	79.3	79.3	71.7	67.1	61.9	68.0	86.9	86.8	78.3	71.0	—	74.7
September 1995	70.9	70.8	63.5	57.9	53.3	58.9	79.0	78.9	69.5	62.2	NA	66.0
Illinois												
September 1996	81.8	81.8	78.5	68.1	61.1	71.0	91.8	91.7	86.1	74.8	—	83.0
August 1996	82.5	82.4	77.5	66.3	60.0	69.1	90.8	90.6	85.4	72.8	—	81.7
September 1995	73.6	73.4	68.9	58.1	52.0	59.3	79.5	79.5	74.4	63.4	—	71.2
Indiana												
September 1996	77.9	78.2	70.5	66.5	63.6	67.6	86.1	86.3	77.2	72.1	—	74.8
August 1996	75.8	76.0	68.5	64.5	60.8	65.3	84.2	84.3	75.8	69.8	—	72.9
September 1995	69.3	69.6	62.3	56.3	53.7	57.9	77.7	77.8	68.3	62.7	NA	65.8
Iowa												
September 1996	82.5	82.8	75.4	69.9	W	70.4	88.5	86.9	80.0	76.8	—	78.5
August 1996	80.8	81.2	75.9	69.5	W	70.2	85.5	85.5	79.2	76.4	—	77.9
September 1995	68.5	69.1	64.5	58.4	W	59.0	74.6	74.9	68.6	63.1	—	67.2
Kansas												
September 1996	80.1	80.0	71.6	68.8	63.7	68.2	87.2	87.2	77.9	74.2	—	76.2
August 1996	79.5	79.4	71.0	68.8	63.8	68.4	86.3	86.3	76.3	73.9	—	75.1
September 1995	69.1	69.1	61.4	58.0	53.7	57.4	75.5	75.6	65.5	62.3	—	64.0
Kentucky												
September 1996	80.4	79.5	71.5	67.0	—	68.4	91.6	90.4	77.8	72.0	—	74.5
August 1996	80.3	79.3	70.4	65.2	—	66.8	91.4	90.2	77.1	70.1	—	73.1
September 1995	70.7	69.9	61.9	57.4	—	59.0	81.8	80.7	68.2	62.7	—	65.3
Michigan												
September 1996	78.3	78.3	71.3	67.7	W	69.3	85.7	85.8	77.0	72.4	—	75.7
August 1996	76.2	76.3	69.0	65.7	—	67.2	83.7	83.8	74.8	70.5	—	73.6
September 1995	69.9	69.8	61.3	58.2	W	59.6	78.0	78.0	66.2	62.9	—	65.4
Minnesota												
September 1996	91.1	90.3	76.5	73.2	66.5	73.3	98.9	97.1	86.7	80.3	—	82.6
August 1996	90.0	89.2	75.7	73.3	W	73.5	96.8	95.3	85.7	80.2	—	82.0
September 1995	76.7	76.1	66.7	61.3	W	62.1	84.0	82.8	74.0	65.6	—	68.7
Missouri												
September 1996	78.2	78.4	72.3	67.8	W	69.0	86.6	86.7	77.7	73.6	—	76.5
August 1996	78.2	78.3	72.1	67.2	64.5	68.5	86.8	86.7	77.6	72.4	—	75.9
September 1995	68.4	68.6	60.9	57.4	53.5	58.3	77.1	77.2	66.5	61.7	—	64.9

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												
September 1996	95.1	94.2	85.2	74.6	69.3	78.8	81.5	80.9	75.8	66.8	64.8	69.8
August 1996	95.0	93.8	84.6	73.2	67.1	77.7	81.7	81.0	75.1	65.4	63.0	68.7
September 1995	87.6	86.8	75.4	65.6	57.3	69.3	74.5	73.9	66.8	58.0	55.5	61.0
Florida												
September 1996	97.4	96.3	88.6	74.8	W	81.8	84.3	83.4	79.7	67.0	64.4	72.0
August 1996	97.0	95.4	87.5	73.2	W	80.4	84.0	83.1	78.7	65.6	62.7	70.6
September 1995	88.3	87.4	76.3	65.5	56.3	70.7	76.0	75.3	68.3	57.9	55.5	62.1
Georgia												
September 1996	93.1	92.1	79.7	73.8	—	76.1	78.5	78.2	71.3	66.2	W	68.0
August 1996	93.9	92.7	79.4	72.5	—	75.1	79.2	78.9	70.9	64.8	W	67.0
September 1995	86.3	85.5	72.6	65.6	W	68.0	71.9	71.6	64.0	57.9	55.6	60.1
North Carolina												
September 1996	92.8	91.9	81.0	74.8	—	76.2	79.6	78.8	72.3	66.9	63.8	68.1
August 1996	92.3	91.3	80.3	73.2	W	74.9	79.6	78.8	71.5	65.4	W	66.8
September 1995	86.5	85.4	74.2	65.4	W	67.4	73.4	72.5	65.2	57.9	55.6	59.6
South Carolina												
September 1996	93.3	92.5	82.8	74.7	—	76.6	77.6	77.4	73.2	66.5	W	68.1
August 1996	93.9	93.1	82.4	72.9	—	75.3	78.4	78.1	72.3	64.9	W	66.7
September 1995	86.9	86.8	74.7	65.7	—	68.0	71.7	71.5	66.1	57.8	W	59.9
Virginia												
September 1996	96.4	95.6	87.1	74.7	W	80.2	83.9	83.4	78.5	67.0	W	71.4
August 1996	96.2	95.3	87.6	74.3	64.7	79.9	84.4	83.8	78.5	66.2	61.8	70.8
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
West Virginia												
September 1996	98.3	97.2	85.5	76.5	—	82.5	84.4	84.0	76.8	68.5	—	73.8
August 1996	98.2	97.0	84.5	74.9	—	80.9	84.7	84.2	75.6	67.1	—	72.3
September 1995	92.5	90.9	77.7	67.9	—	73.9	80.1	79.3	68.8	60.1	W	65.2
PAD District II												
September 1996	95.0	94.6	84.7	76.6	67.0	79.4	83.0	82.9	75.7	69.6	63.2	71.0
August 1996	93.9	93.4	83.1	75.1	66.8	77.8	82.0	81.9	74.3	68.4	62.1	69.8
September 1995	85.9	85.4	75.4	66.5	59.4	69.7	74.1	73.9	66.4	59.4	53.5	61.1
Illinois												
September 1996	98.0	97.7	90.8	77.7	—	84.3	85.3	85.3	82.4	69.8	61.1	74.3
August 1996	98.6	98.0	90.0	75.5	W	82.2	85.7	85.6	81.5	68.0	60.1	72.4
September 1995	89.1	88.5	81.5	67.8	W	74.7	77.0	76.8	72.9	59.9	52.2	62.7
Indiana												
September 1996	93.0	92.9	82.1	76.4	W	78.9	81.2	81.4	73.3	68.4	63.7	70.0
August 1996	91.0	90.9	80.7	74.1	W	76.6	79.2	79.4	71.4	66.4	60.9	67.6
September 1995	84.4	84.3	74.2	66.6	W	69.8	73.2	73.4	65.7	58.5	54.2	60.7
Iowa												
September 1996	92.8	92.5	83.8	78.3	—	79.2	83.4	83.6	76.7	70.5	W	71.3
August 1996	90.6	90.5	82.8	77.4	—	78.3	81.7	82.1	77.0	70.1	W	71.1
September 1995	78.2	77.7	72.4	66.0	—	67.1	69.7	70.2	66.2	58.9	W	60.0
Kansas												
September 1996	93.7	93.3	80.3	76.4	W	76.8	81.6	81.5	72.9	69.5	63.8	69.0
August 1996	93.3	92.5	79.2	76.5	W	76.9	81.0	80.8	72.2	69.6	63.9	69.2
September 1995	82.8	82.2	70.0	65.1	W	65.8	70.8	70.7	62.8	58.8	53.8	58.2
Kentucky												
September 1996	97.0	95.7	82.7	75.9	—	77.9	84.4	83.4	74.1	69.0	—	70.6
August 1996	96.6	95.2	82.2	74.4	—	76.7	84.3	83.3	73.1	67.2	—	69.1
September 1995	86.8	85.7	74.5	66.9	—	69.3	75.3	74.4	65.0	59.8	—	61.7
Michigan												
September 1996	92.7	92.2	83.0	76.9	—	79.9	80.6	80.6	73.8	69.1	W	71.3
August 1996	90.5	89.9	80.4	74.8	—	77.6	78.7	78.6	71.5	67.2	—	69.3
September 1995	84.6	84.1	72.7	67.6	—	70.3	72.9	72.7	64.0	59.8	W	61.9
Minnesota												
September 1996	103.3	102.7	88.1	81.5	W	82.4	92.6	91.7	78.7	74.2	67.0	74.5
August 1996	102.6	102.1	87.1	81.2	W	82.0	91.5	90.6	77.6	74.3	W	74.7
September 1995	89.0	88.8	76.4	69.0	W	70.3	78.5	77.9	68.5	62.3	W	63.2
Missouri												
September 1996	95.7	95.3	83.0	75.9	—	78.4	80.8	80.8	74.4	68.9	W	70.5
August 1996	95.5	94.9	82.9	75.4	W	77.8	80.7	80.7	74.2	68.4	64.6	70.1
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

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												
September 1996	82.2	82.3	75.3	69.6	W	70.7	89.0	88.9	78.9	78.5	—	78.7
August 1996	80.8	81.0	74.8	69.7	—	70.7	86.3	86.3	76.5	77.5	—	77.2
September 1995	71.1	71.3	63.5	58.5	W	59.4	76.3	76.0	65.7	64.0	—	64.9
North Dakota												
September 1996	90.9	90.7	80.7	72.3	—	73.9	95.7	94.1	79.0	81.0	—	79.9
August 1996	90.1	90.1	80.1	72.2	—	73.7	93.5	92.6	77.5	79.8	—	78.6
September 1995	84.4	83.2	67.5	60.8	—	62.0	83.3	82.2	70.8	67.1	—	69.3
Ohio												
September 1996	77.9	77.7	71.2	66.8	W	68.6	86.0	85.6	76.7	71.1	—	74.5
August 1996	74.6	74.5	68.7	64.5	W	66.2	83.0	82.7	74.3	68.9	—	72.2
September 1995	70.0	69.7	62.8	57.2	W	59.5	79.7	79.3	69.4	61.9	—	66.2
Oklahoma												
September 1996	76.1	75.9	71.6	67.7	62.6	65.5	82.3	82.0	76.7	71.4	—	74.4
August 1996	74.6	74.6	71.1	67.3	61.9	65.3	80.1	79.7	76.0	71.0	—	73.9
September 1995	65.8	65.6	62.9	57.0	53.8	56.1	71.9	71.9	67.5	60.9	—	64.9
South Dakota												
September 1996	88.3	88.3	79.6	72.0	—	74.0	95.2	94.8	NA	W	—	NA
August 1996	87.5	87.0	80.0	71.6	—	74.0	93.6	93.9	84.7	79.6	—	81.9
September 1995	78.7	77.8	67.0	60.5	—	62.2	87.8	87.0	71.8	W	—	66.2
Tennessee												
September 1996	77.1	76.8	71.9	64.1	W	65.4	87.5	87.4	77.7	69.2	—	71.2
August 1996	77.5	77.1	71.0	62.7	W	64.1	88.0	87.9	77.2	67.6	—	69.8
September 1995	68.1	67.7	64.1	55.0	W	56.5	79.3	78.9	70.0	60.2	—	62.3
Wisconsin												
September 1996	83.2	83.0	73.5	68.9	—	70.3	90.4	91.0	79.5	74.3	—	76.2
August 1996	82.4	82.3	72.3	67.2	W	68.7	89.9	90.3	78.3	72.9	—	74.8
September 1995	73.6	73.5	63.4	58.7	—	60.2	81.2	81.3	68.3	63.5	—	65.5
PAD District III												
September 1996	77.9	77.5	72.0	64.8	58.5	64.0	86.8	86.0	75.4	68.7	—	71.3
August 1996	77.9	77.4	71.3	63.7	58.0	63.1	86.7	85.8	74.7	67.7	W	70.3
September 1995	70.7	70.1	65.3	55.9	51.2	55.7	79.6	78.8	68.5	59.8	—	63.4
Alabama												
September 1996	77.3	77.2	74.5	64.0	W	66.2	86.3	85.8	80.8	69.0	—	72.5
August 1996	77.2	77.0	73.2	62.1	W	64.4	86.3	85.7	80.4	67.4	—	71.3
September 1995	71.6	71.0	66.8	54.6	W	57.2	80.6	79.6	73.7	59.9	—	64.0
Arkansas												
September 1996	75.9	74.8	70.7	65.0	W	65.3	84.5	83.1	75.7	68.9	—	70.5
August 1996	75.9	74.5	70.1	64.1	57.6	64.5	84.9	83.3	75.2	67.5	—	69.2
September 1995	68.2	67.5	62.9	55.4	50.9	56.2	77.7	76.5	68.1	59.2	—	61.5
Louisiana												
September 1996	75.7	75.4	69.4	62.9	59.1	62.6	85.9	85.1	74.9	67.4	—	69.8
August 1996	76.0	75.5	68.6	61.7	58.1	62.4	86.4	85.5	74.2	66.4	—	68.9
September 1995	69.0	68.5	62.9	54.1	51.0	54.4	79.3	78.4	69.0	59.0	—	62.6
Mississippi												
September 1996	80.1	79.8	70.9	63.4	58.7	63.6	90.0	89.5	76.7	68.4	—	70.3
August 1996	80.8	80.4	70.5	62.2	58.4	62.4	91.0	90.5	77.2	66.8	—	69.1
September 1995	72.3	71.8	61.1	54.3	51.2	54.4	81.8	81.3	66.1	59.1	—	60.9
New Mexico												
September 1996	88.6	88.3	78.0	75.1	—	75.7	96.7	96.7	82.5	80.5	—	80.9
August 1996	88.7	88.4	77.5	73.7	—	74.5	96.8	96.8	82.0	79.3	—	79.8
September 1995	78.7	78.5	68.7	65.2	—	66.0	86.0	86.1	71.5	71.6	—	71.6
Texas												
September 1996	77.3	77.0	71.9	64.5	58.4	63.2	86.3	85.5	74.4	68.2	—	71.1
August 1996	77.2	76.8	71.3	63.6	58.0	62.4	85.9	85.0	73.6	67.5	W	70.2
September 1995	70.1	69.6	65.7	55.9	51.3	55.3	79.0	78.3	67.8	59.7	—	63.6
PAD District IV												
September 1996	89.4	89.7	82.0	77.3	—	78.5	97.7	96.9	86.3	82.2	—	83.9
August 1996	88.7	89.1	81.0	75.6	W	77.0	97.3	96.6	85.6	80.8	—	82.7
September 1995	78.2	78.2	69.2	66.2	W	66.9	87.2	86.8	74.1	70.9	—	72.2
Colorado												
September 1996	87.6	87.6	79.2	72.6	—	74.2	97.8	97.4	85.8	77.1	—	81.0
August 1996	86.7	86.6	76.8	69.6	—	71.2	96.9	96.5	83.7	74.3	—	78.5
September 1995	77.6	77.7	66.8	63.5	W	64.2	88.8	88.3	73.2	68.9	—	71.0

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												
September 1996	92.3	97.8	83.6	77.3	—	79.0	83.3	83.7	76.1	70.3	W	71.4
August 1996	90.6	96.1	82.8	75.9	—	77.4	81.8	82.4	75.5	70.3	—	71.4
September 1995	82.1	85.8	71.9	66.3	—	67.9	72.3	72.8	64.5	59.1	W	60.2
North Dakota												
September 1996	100.1	99.9	89.7	81.6	—	83.9	91.6	91.3	81.2	72.9	—	74.6
August 1996	96.1	96.1	88.6	81.9	—	83.9	90.5	90.6	80.5	72.8	—	74.4
September 1995	91.1	91.0	78.1	70.1	—	73.1	84.8	83.5	69.0	61.4	—	63.0
Ohio												
September 1996	93.8	93.2	83.6	76.1	—	79.7	81.0	80.7	73.8	68.4	W	70.8
August 1996	90.5	90.0	81.0	73.7	—	77.2	77.8	77.6	71.3	66.1	W	68.4
September 1995	86.7	86.1	75.7	66.5	W	71.3	73.9	73.6	65.9	59.0	W	62.1
Oklahoma												
September 1996	89.0	87.9	80.6	75.2	66.1	74.4	78.3	77.9	73.2	68.8	62.7	66.5
August 1996	86.8	86.3	79.7	74.7	67.0	73.9	76.6	76.5	72.6	68.4	62.2	66.4
September 1995	77.7	77.2	71.8	64.3	59.5	64.7	68.1	67.9	64.6	58.3	54.1	57.2
South Dakota												
September 1996	101.2	NA	NA	82.5	—	84.1	89.6	89.7	80.4	73.0	—	75.0
August 1996	100.9	100.2	88.9	82.3	—	84.4	89.0	88.6	81.1	72.8	—	75.2
September 1995	94.8	94.8	75.0	71.9	—	72.7	81.0	79.8	67.9	61.3	—	63.1
Tennessee												
September 1996	95.5	95.0	84.4	74.6	—	76.4	82.5	82.2	75.4	67.0	W	68.4
August 1996	96.0	95.4	83.8	73.1	—	75.1	82.9	82.5	74.7	65.5	W	67.1
September 1995	86.9	86.2	77.2	65.2	—	67.3	74.2	73.7	68.3	58.2	W	59.9
Wisconsin												
September 1996	94.9	94.2	83.5	77.8	—	79.8	85.0	84.8	75.2	70.2	—	71.7
August 1996	95.4	94.7	81.9	76.1	—	78.1	84.4	84.3	73.9	68.5	W	70.2
September 1995	86.8	86.3	73.7	68.1	—	70.1	76.0	75.9	65.4	60.2	—	61.9
PAD District III												
September 1996	95.1	94.0	81.8	74.3	65.1	75.0	82.0	81.4	74.5	66.7	59.0	66.2
August 1996	94.9	93.7	81.2	73.1	61.4	73.3	82.0	81.3	73.8	65.6	58.3	65.3
September 1995	87.9	86.8	74.8	65.3	54.7	65.8	75.3	74.5	67.9	58.0	51.6	58.0
Alabama												
September 1996	95.5	94.4	87.7	74.5	—	77.5	82.1	81.8	78.2	66.7	W	69.3
August 1996	95.2	94.1	86.8	72.6	—	75.7	82.0	81.6	77.1	64.9	W	67.6
September 1995	89.7	88.1	79.9	65.4	—	68.6	76.9	76.0	70.9	57.8	W	60.7
Arkansas												
September 1996	92.1	89.5	81.3	74.7	—	76.1	79.2	77.9	73.2	67.0	W	67.4
August 1996	92.1	89.2	81.0	73.5	W	74.8	79.2	77.6	72.4	65.9	57.8	66.5
September 1995	85.1	82.8	72.3	64.7	W	65.9	72.1	71.1	65.4	57.5	51.0	58.4
Louisiana												
September 1996	93.7	92.7	81.6	72.6	63.5	73.9	80.7	80.3	73.7	65.4	59.5	65.4
August 1996	94.0	92.6	81.4	71.6	62.4	73.7	81.0	80.5	73.0	64.3	58.7	65.5
September 1995	87.2	85.9	76.1	63.9	55.1	64.4	74.7	74.0	67.9	57.0	51.9	57.6
Mississippi												
September 1996	98.3	97.6	83.7	74.1	W	75.6	84.5	84.2	74.2	65.9	60.8	66.4
August 1996	99.3	98.6	83.6	72.4	63.2	72.4	85.3	84.9	74.0	64.6	59.2	64.9
September 1995	90.5	89.7	72.7	64.8	W	65.4	77.3	76.7	64.2	57.0	51.3	57.0
New Mexico												
September 1996	104.2	103.7	88.3	84.3	—	85.0	91.2	90.9	79.3	76.5	—	77.1
August 1996	104.2	103.8	89.2	82.8	—	84.0	91.4	91.1	79.1	75.3	—	76.1
September 1995	92.7	92.6	79.7	74.6	—	75.8	81.1	80.9	70.2	66.6	—	67.5
Texas												
September 1996	94.7	93.7	80.5	73.9	64.6	74.0	81.4	80.9	74.0	66.1	58.9	65.2
August 1996	94.1	93.1	79.7	72.9	61.1	72.1	81.2	80.6	73.3	65.2	58.2	64.3
September 1995	87.3	86.3	74.0	65.2	54.6	65.2	74.6	73.9	67.9	57.8	51.6	57.4
PAD District IV												
September 1996	105.7	104.6	91.8	87.2	—	88.6	92.9	92.8	84.3	79.2	—	80.7
August 1996	105.1	104.2	91.2	85.7	—	87.4	92.3	92.3	83.4	77.7	W	79.3
September 1995	94.0	93.3	79.1	75.3	W	76.3	82.2	81.9	71.9	68.2	W	69.2
Colorado												
September 1996	106.7	106.3	89.9	81.2	—	83.6	91.9	91.7	82.1	74.3	—	76.4
August 1996	105.8	105.4	88.1	78.4	—	81.1	91.0	90.8	79.9	71.3	—	73.5
September 1995	96.6	96.2	78.2	71.5	W	73.2	82.4	82.3	70.0	65.3	W	66.5

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	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												
September 1996	92.0	91.4	84.0	81.0	—	82.1	99.0	97.5	89.1	85.0	—	86.9
August 1996	90.9	90.6	83.1	80.4	—	81.4	99.1	97.4	88.7	84.4	—	86.3
September 1995	78.3	77.8	69.7	67.0	—	67.8	85.1	83.9	74.8	71.0	—	72.5
Montana												
September 1996	94.6	95.4	88.8	81.2	—	82.6	101.8	101.8	90.6	87.7	—	88.0
August 1996	NA	NA	87.1	80.5	—	81.7	NA	NA	89.3	86.1	—	86.4
September 1995	79.7	81.1	73.5	68.8	—	69.8	85.5	85.5	77.1	73.6	—	73.9
Utah												
September 1996	88.0	89.1	79.7	79.2	—	79.4	95.9	94.7	84.9	84.7	—	84.8
August 1996	89.2	90.3	80.4	79.0	W	79.4	97.4	96.2	86.4	84.6	—	85.3
September 1995	76.5	76.1	68.9	67.1	—	67.6	84.7	84.5	74.7	71.8	—	73.0
Wyoming												
September 1996	93.5	93.2	84.4	78.1	—	79.7	100.7	100.8	85.8	85.4	—	85.7
August 1996	92.6	92.2	83.4	75.6	—	77.3	100.0	100.0	85.5	80.2	—	84.4
September 1995	84.6	83.9	71.6	68.0	—	68.8	91.5	91.4	75.1	W	—	74.7
PAD District V												
September 1996	91.3	91.1	78.9	75.3	68.8	76.4	97.5	97.4	82.8	81.0	W	82.3
August 1996	95.4	94.8	82.7	75.3	67.0	77.9	102.2	101.6	86.8	81.7	W	85.7
September 1995	77.7	77.2	67.2	62.9	58.9	64.8	79.5	79.8	70.8	66.8	W	69.9
Alaska												
September 1996	122.0	120.2	103.3	83.7	W	93.2	114.5	115.6	110.8	93.5	—	107.4
August 1996	123.1	121.2	100.5	84.2	77.3	90.8	113.7	115.2	112.2	94.2	—	107.7
September 1995	112.5	108.8	91.3	71.8	90.9	83.6	104.0	105.3	94.3	81.0	W	92.4
Arizona												
September 1996	97.5	96.3	82.8	75.5	70.4	79.2	105.0	104.7	88.3	81.1	—	86.6
August 1996	100.3	99.0	85.5	73.5	67.0	79.8	106.9	106.4	91.4	79.2	—	88.5
September 1995	82.6	81.8	72.1	62.9	W	68.1	89.8	89.6	76.7	67.5	—	73.6
California												
September 1996	85.0	85.5	76.2	73.2	68.6	74.1	92.9	93.0	80.5	78.6	W	80.1
August 1996	91.1	91.0	81.0	73.9	66.8	76.4	99.1	98.6	85.3	80.3	W	84.4
September 1995	70.5	70.4	64.5	60.3	58.1	62.5	75.6	75.7	69.2	64.9	W	68.4
Hawaii												
September 1996	111.8	106.6	105.6	91.7	—	103.8	120.8	116.6	112.3	W	—	111.9
August 1996	113.2	107.4	106.0	91.7	—	103.9	121.3	117.0	112.4	W	—	111.9
September 1995	100.8	93.8	93.5	82.2	—	91.8	107.4	100.9	99.7	W	—	99.5
Nevada												
September 1996	99.1	97.4	78.3	76.4	72.5	77.2	103.1	102.9	83.3	82.0	—	82.9
August 1996	101.7	99.7	79.2	74.2	68.1	76.0	106.3	106.1	84.6	81.2	—	83.7
September 1995	83.9	83.2	64.5	64.8	58.3	63.9	86.3	86.4	69.4	70.6	—	69.8
Oregon												
September 1996	93.2	92.8	82.4	77.3	69.1	77.9	103.0	102.0	87.8	84.8	—	86.5
August 1996	94.7	94.1	83.6	76.5	68.6	78.4	105.2	103.2	88.7	84.7	—	86.9
September 1995	81.9	81.5	71.3	66.6	58.6	67.8	88.1	87.0	76.7	73.4	—	75.4
Washington												
September 1996	95.3	94.9	86.2	77.6	68.8	81.3	104.1	103.9	93.9	84.5	—	89.7
August 1996	96.6	96.0	87.1	77.2	W	81.3	105.2	104.7	91.6	84.2	—	89.1
September 1995	82.1	82.1	73.7	65.3	60.0	68.7	88.8	89.1	78.2	71.2	—	75.7

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Idaho												
September 1996	103.5	102.3	94.8	90.9	—	92.5	93.7	93.0	86.1	82.5	—	83.9
August 1996	102.4	101.6	94.2	90.2	—	91.9	92.8	92.3	85.4	82.0	—	83.3
September 1995	89.4	89.0	79.8	76.7	—	77.9	80.5	79.9	72.4	68.9	—	70.1
Montana												
September 1996	105.1	105.6	97.8	94.0	—	95.0	96.8	97.2	90.7	83.5	—	84.8
August 1996	NA	NA	96.6	92.4	—	93.4	NA	NA	89.2	82.8	—	84.0
September 1995	89.2	89.7	81.8	78.5	—	79.4	81.9	82.8	75.8	70.9	—	71.9
Utah												
September 1996	104.8	102.7	88.8	89.2	—	89.1	92.3	92.5	82.6	81.8	—	82.1
August 1996	106.0	104.3	89.4	88.9	—	89.1	93.5	93.8	83.4	81.7	W	82.2
September 1995	91.9	91.0	77.8	76.6	—	77.0	80.9	80.4	72.0	69.8	—	70.5
Wyoming												
September 1996	106.4	104.7	95.2	87.9	—	89.5	96.0	95.3	86.1	79.8	—	81.4
August 1996	105.3	103.6	94.5	85.4	—	87.1	95.2	94.5	85.3	77.5	—	79.2
September 1995	96.6	94.5	81.6	77.4	—	78.2	87.2	86.2	73.4	69.8	—	70.6
PAD District V												
September 1996	107.8	107.1	91.6	87.7	77.2	89.3	94.2	93.9	81.8	77.2	70.0	79.0
August 1996	112.1	111.0	96.1	87.6	72.3	92.7	98.5	97.8	85.7	77.3	67.3	81.0
September 1995	93.4	92.8	80.8	74.6	62.9	78.3	80.5	80.0	70.6	65.0	59.3	67.9
Alaska												
September 1996	131.5	129.7	112.8	96.4	W	105.4	122.1	120.5	104.5	85.0	W	94.7
August 1996	130.7	129.4	112.5	97.4	W	105.8	122.8	121.2	102.3	85.4	77.6	92.6
September 1995	118.0	112.2	99.2	83.3	W	92.6	112.3	108.8	92.4	73.0	90.8	84.8
Arizona												
September 1996	111.8	110.8	96.4	86.6	W	93.0	100.2	99.0	85.3	77.1	71.2	81.6
August 1996	115.6	114.7	99.8	82.1	W	92.9	103.1	101.9	88.1	75.1	67.6	82.3
September 1995	98.5	98.1	86.2	75.3	W	82.0	85.7	84.9	75.2	65.1	W	70.9
California												
September 1996	102.6	102.6	89.0	85.1	76.9	87.0	88.6	89.0	79.3	75.1	69.7	77.0
August 1996	108.8	108.0	94.4	86.2	71.5	91.6	94.8	94.6	84.2	75.9	67.1	79.7
September 1995	87.9	87.5	78.5	71.3	62.4	76.2	74.6	74.4	68.4	62.5	58.6	66.0
Hawaii												
September 1996	NA	NA	118.7	106.5	—	117.6	116.4	111.0	110.3	95.6	—	108.8
August 1996	NA	NA	119.1	106.0	—	117.8	117.8	111.9	110.6	95.3	—	108.8
September 1995	118.1	109.1	106.9	96.5	—	105.7	105.9	98.6	98.8	86.9	—	97.3
Nevada												
September 1996	115.5	114.9	90.4	88.2	W	88.8	101.7	100.2	81.0	78.4	74.8	79.5
August 1996	116.4	115.8	91.1	85.9	W	88.3	104.3	102.4	82.0	78.2	68.7	78.6
September 1995	98.3	97.9	78.2	76.0	W	76.1	86.7	86.0	68.0	67.0	59.6	66.7
Oregon												
September 1996	109.0	108.2	97.5	91.7	79.0	92.4	95.4	95.0	84.6	79.2	70.1	80.0
August 1996	110.0	109.0	98.6	89.9	W	92.8	96.9	96.2	85.8	78.4	69.1	80.5
September 1995	97.1	96.8	86.0	81.5	64.6	82.3	84.4	83.9	73.9	68.8	59.3	70.2
Washington												
September 1996	114.2	113.7	101.9	90.7	W	94.5	98.3	97.9	89.2	79.8	71.5	84.0
August 1996	115.2	114.2	102.4	90.4	74.1	95.4	99.7	99.1	89.9	79.4	68.6	84.1
September 1995	99.6	99.4	89.1	77.5	W	83.6	85.2	85.2	76.9	67.4	60.1	71.6

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												
September 1996	80.6	80.5	73.7	67.2	60.4	67.8	88.2	87.8	78.8	70.8	—	74.3
August 1996	80.3	80.2	73.0	66.2	60.0	66.9	88.0	87.5	78.4	69.8	W	73.5
September 1995	72.0	71.8	64.8	57.7	52.3	58.7	79.8	79.5	69.6	61.4	NA	65.3
PAD District I												
September 1996	77.1	76.8	71.1	64.6	61.0	66.0	85.9	85.4	77.5	69.1	—	72.5
August 1996	77.4	77.0	70.4	63.4	60.7	65.0	86.3	85.7	76.9	67.9	W	71.5
September 1995	70.7	70.3	63.5	56.3	55.2	58.4	79.9	79.4	68.8	60.3	—	63.8
Subdistrict 1A												
September 1996	87.4	87.2	79.4	68.9	61.0	70.8	96.7	95.2	85.4	72.8	—	78.8
August 1996	87.2	87.3	78.6	68.1	63.4	69.7	96.8	95.2	84.0	72.0	—	77.4
September 1995	80.7	80.4	72.7	62.7	58.1	66.4	91.2	89.5	79.7	66.7	—	72.7
Connecticut												
September 1996	—	—	—	—	W	W	—	—	—	—	—	—
August 1996	—	—	—	—	W	W	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Maine												
September 1996	87.6	87.7	77.9	68.9	W	67.6	97.2	95.4	85.0	72.7	—	76.1
August 1996	87.1	87.8	77.6	68.0	62.9	67.4	97.3	95.9	82.3	71.9	—	74.0
September 1995	80.6	80.8	72.5	62.6	W	64.3	90.7	89.8	82.4	66.5	—	70.9
Massachusetts												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	W	W	—	—	—	—	—	—
September 1995	—	—	—	—	W	W	—	—	—	—	—	—
New Hampshire												
September 1996	85.8	85.4	78.6	68.3	—	76.1	95.1	93.7	82.8	70.0	—	79.7
August 1996	85.6	85.2	78.4	67.7	—	75.7	94.9	92.4	82.3	71.7	—	80.2
September 1995	78.5	78.0	71.0	62.0	—	69.0	91.2	88.6	75.0	65.8	—	73.2
Rhode Island												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Vermont												
September 1996	88.5	87.9	80.3	69.3	—	76.9	97.2	95.9	86.5	73.6	—	82.9
August 1996	88.6	88.2	79.2	68.7	—	75.9	97.4	96.3	85.5	72.9	—	81.9
September 1995	82.7	81.7	73.4	63.2	—	70.5	91.8	89.7	79.1	67.5	—	75.8
Subdistrict 1B												
September 1996	78.6	78.4	71.1	66.1	60.6	65.7	85.4	85.2	77.4	69.6	—	73.0
August 1996	79.1	78.8	70.7	65.2	60.2	64.8	86.3	86.0	77.6	69.4	W	72.9
September 1995	75.1	74.9	65.6	59.8	55.2	60.6	83.4	82.8	72.1	63.1	—	67.2
Delaware												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
District of Columbia												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Maryland												
September 1996	82.3	82.1	75.6	63.3	W	68.4	90.4	88.6	NA	66.3	—	72.8
August 1996	83.1	82.7	74.5	63.1	W	68.1	91.2	89.0	80.6	67.2	—	73.2
September 1995	74.2	73.4	68.1	57.7	W	62.7	81.9	80.7	73.9	62.1	—	68.6
New Jersey												
September 1996	—	—	—	—	60.0	60.0	—	—	—	—	—	—
August 1996	—	—	—	—	59.9	59.9	—	—	—	—	—	—
September 1995	—	—	—	—	55.3	55.3	—	—	—	—	—	—
New York												
September 1996	79.6	79.3	69.9	66.6	63.2	67.8	85.9	85.7	75.6	70.8	—	73.2
August 1996	80.3	79.9	69.5	65.8	59.7	66.5	87.4	87.0	76.4	70.3	W	73.3
September 1995	76.4	76.2	65.1	61.2	53.3	62.0	86.2	85.2	72.0	65.4	—	68.7
Pennsylvania												
September 1996	77.5	77.4	71.9	66.0	62.7	67.3	84.8	84.8	77.6	69.8	—	72.9
August 1996	77.7	77.6	71.6	65.0	62.1	66.5	85.5	85.2	77.7	69.4	—	72.6
September 1995	74.1	73.8	66.0	58.8	56.0	60.3	82.3	81.9	71.9	62.3	—	66.3

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												
September 1996	96.5	95.7	85.2	76.2	66.8	78.6	83.8	83.6	76.4	68.9	60.8	69.9
August 1996	96.2	95.3	84.6	75.1	63.2	77.5	83.6	83.3	75.8	67.8	60.2	69.0
September 1995	88.3	87.6	76.8	67.1	56.9	69.8	75.8	75.4	67.9	59.7	52.7	61.2
PAD District I												
September 1996	94.9	94.0	84.3	74.7	67.0	77.8	81.5	81.1	74.9	67.0	61.6	69.0
August 1996	95.0	93.9	83.7	73.5	66.1	77.0	81.8	81.3	74.3	65.8	61.1	67.9
September 1995	88.6	87.8	76.0	66.4	61.0	69.7	75.7	75.2	67.3	58.9	56.1	61.5
Subdistrict IA												
September 1996	105.2	104.2	91.7	78.5	W	84.6	90.7	90.3	82.0	70.6	61.5	73.2
August 1996	105.0	103.8	91.5	78.0	W	82.8	90.7	90.5	81.4	70.0	63.7	72.0
September 1995	99.7	98.1	85.2	72.6	W	78.6	85.1	84.4	75.9	64.7	59.0	69.2
Connecticut												
September 1996	-	-	-	-	-	-	-	-	-	-	W	W
August 1996	-	-	-	-	-	-	-	-	-	-	W	W
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
September 1996	105.8	104.3	90.6	78.5	W	80.9	90.6	90.4	80.7	70.4	W	69.7
August 1996	105.6	103.7	90.3	78.0	W	78.2	90.4	90.6	80.1	69.9	63.3	69.3
September 1995	99.1	98.1	84.9	72.6	W	75.1	84.5	84.4	76.1	64.6	W	66.7
Massachusetts												
September 1996	-	W	-	-	-	-	-	W	-	-	-	-
August 1996	-	W	-	-	-	-	-	W	-	-	W	W
September 1995	-	-	-	-	-	-	-	-	-	-	W	W
New Hampshire												
September 1996	103.1	102.3	91.5	77.7	-	88.9	89.1	88.6	81.2	69.6	-	78.5
August 1996	102.6	101.4	91.7	77.6	-	88.5	89.1	88.4	81.1	69.6	-	78.4
September 1995	99.9	99.0	83.3	72.0	-	81.2	83.5	82.7	73.7	63.9	-	71.7
Rhode Island												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
September 1996	105.9	105.4	92.3	78.7	-	88.0	92.0	91.4	82.9	71.3	-	79.4
August 1996	106.0	105.5	91.9	78.3	-	87.9	92.2	91.7	82.1	70.7	-	78.6
September 1995	100.1	97.7	85.8	72.8	-	82.3	87.0	85.7	76.5	65.5	-	73.4
Subdistrict IB												
September 1996	94.2	93.5	82.6	75.6	66.6	76.2	81.7	81.5	73.7	67.9	61.2	67.8
August 1996	94.9	94.0	82.6	75.2	65.7	76.5	82.4	82.1	73.5	67.2	60.6	67.0
September 1995	91.4	90.7	78.3	70.0	62.7	72.0	79.1	78.7	68.7	61.9	56.1	63.0
Delaware												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
September 1996	97.5	96.1	86.7	71.9	-	77.9	86.4	85.5	78.4	65.2	W	70.7
August 1996	98.1	96.4	86.0	73.0	-	78.7	87.1	86.0	77.5	65.5	W	70.7
September 1995	88.7	87.6	79.6	68.0	W	72.8	78.6	77.6	71.3	60.7	W	65.7
New Jersey												
September 1996	-	-	-	-	66.5	66.5	-	-	-	-	60.5	60.5
August 1996	-	-	-	-	65.9	65.9	-	-	-	-	60.1	60.1
September 1995	-	-	-	-	61.6	61.6	-	-	-	-	56.0	56.0
New York												
September 1996	95.2	94.0	80.5	76.2	-	78.2	82.2	81.8	71.9	68.1	63.2	69.6
August 1996	95.7	94.7	80.3	75.8	W	77.6	83.1	82.6	71.7	67.5	59.9	68.5
September 1995	93.2	92.4	77.6	71.7	W	74.5	80.0	79.7	67.7	63.1	53.6	64.3
Pennsylvania												
September 1996	93.3	92.9	83.8	75.7	66.9	77.1	81.1	81.0	74.9	68.1	63.5	69.6
August 1996	93.9	93.3	84.2	75.1	65.4	76.7	81.5	81.3	74.7	67.2	62.7	68.9
September 1995	90.4	89.7	78.7	69.1	63.3	71.3	78.4	78.0	69.4	61.2	57.3	63.1

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												
September 1996	76.2	75.7	70.6	64.0	64.4	65.9	85.7	85.2	77.3	68.9	—	72.2
August 1996	76.4	75.9	69.8	62.6	62.7	64.7	85.9	85.3	76.5	67.4	—	71.0
September 1995	68.6	68.2	61.9	54.9	54.8	57.0	78.6	78.0	67.6	59.4	—	62.8
Florida												
September 1996	79.2	78.4	73.8	64.4	W	67.5	89.3	88.4	81.1	69.2	—	75.0
August 1996	79.0	78.2	72.9	63.1	62.3	66.2	89.0	87.7	80.1	67.5	—	73.5
September 1995	70.3	69.8	62.4	54.9	W	57.5	80.5	79.8	68.6	59.4	—	63.9
Georgia												
September 1996	73.4	73.3	68.1	63.7	W	65.2	83.6	83.2	73.2	69.1	—	70.9
August 1996	74.2	74.0	67.6	62.3	W	64.0	84.3	83.8	72.8	67.6	—	69.9
September 1995	66.1	66.1	60.3	55.1	54.9	56.8	76.5	76.0	65.3	60.2	—	62.5
North Carolina												
September 1996	74.6	74.0	69.1	64.1	63.8	65.2	83.4	83.1	75.5	69.0	—	70.7
August 1996	74.6	73.9	68.2	62.7	W	64.0	83.5	83.3	74.7	67.5	—	69.5
September 1995	67.7	66.9	61.4	55.0	W	56.5	76.8	76.2	68.0	59.6	—	61.9
South Carolina												
September 1996	72.4	72.3	70.2	64.0	W	65.5	82.7	82.4	76.0	69.1	—	70.9
August 1996	73.1	72.9	69.0	62.4	W	64.0	83.5	83.1	75.1	67.4	—	69.6
September 1995	66.0	65.7	63.1	55.0	W	57.1	76.9	76.4	67.7	59.8	—	62.0
Virginia												
September 1996	77.8	77.7	69.7	63.1	W	64.7	86.2	86.0	75.0	66.8	—	69.7
August 1996	77.8	77.7	68.6	62.2	W	63.7	87.1	86.8	74.8	66.4	—	69.3
September 1995	70.6	70.4	62.5	53.8	W	55.9	80.1	79.8	68.2	56.6	—	60.4
West Virginia												
September 1996	80.4	80.1	74.0	66.4	—	71.1	89.6	89.1	78.7	71.1	—	76.5
August 1996	80.8	80.4	72.8	64.9	—	69.6	89.2	88.7	78.0	69.4	—	75.2
September 1995	75.4	74.8	65.5	57.4	W	61.9	85.1	84.2	70.7	62.3	—	68.0
PAD District II												
September 1996	79.4	79.4	72.0	67.7	63.0	68.4	86.9	86.8	77.8	71.8	—	74.7
August 1996	78.3	78.3	70.6	66.5	61.9	67.2	85.6	85.5	76.4	70.2	—	73.3
September 1995	70.3	70.3	62.5	57.6	53.3	58.3	78.4	78.2	68.2	61.9	NA	65.0
Illinois												
September 1996	79.4	79.7	73.5	66.8	61.1	67.5	88.3	88.3	82.0	73.5	—	78.2
August 1996	81.0	81.0	72.8	64.8	60.0	65.6	87.9	87.7	82.1	71.6	—	77.2
September 1995	72.3	72.3	63.1	57.0	52.0	56.0	77.5	77.5	71.6	62.6	—	67.2
Indiana												
September 1996	77.5	77.8	70.1	65.5	63.6	67.0	85.5	85.7	76.5	71.1	—	74.0
August 1996	75.4	75.7	68.0	63.6	60.8	64.6	83.7	83.9	75.2	68.5	—	72.2
September 1995	69.1	69.5	62.0	55.7	53.7	57.4	77.5	77.7	68.3	62.1	NA	65.6
Iowa												
September 1996	82.5	82.8	75.4	69.9	W	70.4	88.5	86.9	80.0	76.8	—	78.5
August 1996	80.8	81.2	75.9	69.5	W	70.2	85.5	85.5	79.2	76.4	—	77.9
September 1995	68.5	69.1	64.5	58.4	W	59.0	74.6	74.9	68.6	63.1	—	67.2
Kansas												
September 1996	80.1	80.0	71.6	68.8	63.7	68.2	87.2	87.2	77.9	74.2	—	76.2
August 1996	79.5	79.4	71.0	68.8	63.8	68.4	86.3	86.3	76.3	73.9	—	75.1
September 1995	69.1	69.1	61.4	58.0	53.7	57.4	75.5	75.6	65.5	62.3	—	64.0
Kentucky												
September 1996	78.6	77.7	71.0	66.1	—	67.7	88.9	87.6	77.6	71.1	—	73.9
August 1996	78.8	77.8	70.1	64.4	—	66.2	89.1	87.7	76.6	69.4	—	72.5
September 1995	69.7	68.9	61.4	56.2	—	58.0	81.2	79.8	67.4	61.3	—	64.2
Michigan												
September 1996	78.3	78.3	71.3	67.7	W	69.3	85.7	85.8	77.0	72.4	—	75.7
August 1996	76.2	76.3	69.0	65.7	—	67.2	83.7	83.8	74.8	70.5	—	73.6
September 1995	69.9	69.8	61.3	58.2	W	59.6	78.0	78.0	66.2	62.9	—	65.4
Minnesota												
September 1996	87.6	86.9	73.5	71.0	66.5	71.0	93.2	91.7	NA	81.1	—	82.5
August 1996	87.0	86.2	72.9	70.9	W	71.0	92.1	90.5	NA	80.8	—	81.7
September 1995	76.0	75.4	66.0	60.8	W	61.4	82.8	81.5	72.3	65.9	—	68.0
Missouri												
September 1996	78.2	78.4	72.3	67.8	W	69.0	86.6	86.7	77.7	73.6	—	76.5
August 1996	78.2	78.3	72.1	67.2	64.5	68.5	86.8	86.7	77.6	72.4	—	75.9
September 1995	68.4	68.6	60.9	57.4	53.5	58.3	77.1	77.2	66.5	61.7	—	64.9

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												
September 1996	94.9	93.9	84.6	74.4	69.3	78.2	81.2	80.6	75.0	66.6	64.8	69.3
August 1996	94.8	93.7	83.7	73.0	67.6	77.0	81.3	80.7	74.2	65.2	63.0	68.1
September 1995	87.5	86.7	75.1	65.3	57.3	68.8	74.3	73.7	66.3	57.7	55.5	60.6
Florida												
September 1996	97.4	96.3	88.6	74.8	W	81.8	84.3	83.4	79.7	67.0	64.4	72.0
August 1996	97.0	95.4	87.5	73.2	W	80.4	84.0	83.1	78.7	65.6	62.7	70.6
September 1995	88.3	87.4	76.3	65.5	56.3	70.7	76.0	75.3	68.3	57.9	55.5	62.1
Georgia												
September 1996	93.1	92.1	79.7	73.8	—	76.1	78.5	78.2	71.3	66.2	W	68.0
August 1996	93.9	92.7	79.4	72.5	—	75.1	79.2	78.9	70.9	64.8	W	67.0
September 1995	86.3	85.5	72.6	65.6	W	68.0	71.9	71.6	64.0	57.9	55.6	60.1
North Carolina												
September 1996	92.8	91.9	81.0	74.8	—	76.2	79.6	78.8	72.3	66.9	63.8	68.1
August 1996	92.3	91.3	80.3	73.2	W	74.9	79.6	78.8	71.5	65.4	W	66.8
September 1995	86.5	85.4	74.2	65.4	W	67.4	73.4	72.5	65.2	57.9	55.6	59.6
South Carolina												
September 1996	93.3	92.5	82.8	74.7	—	76.6	77.6	77.4	73.2	66.5	W	68.1
August 1996	93.9	93.1	82.4	72.9	—	75.3	78.4	78.1	72.3	64.9	W	66.7
September 1995	86.9	86.8	74.7	65.7	—	68.0	71.7	71.5	66.1	57.8	W	59.9
Virginia												
September 1996	94.7	94.2	82.4	72.9	W	75.6	82.2	82.1	73.3	65.4	W	67.5
August 1996	95.2	94.6	81.9	72.6	W	75.1	82.5	82.3	72.6	64.7	61.7	66.7
September 1995	88.9	88.2	75.8	63.0	W	66.5	76.0	75.7	66.6	56.1	W	58.9
West Virginia												
September 1996	98.3	97.2	85.5	76.5	—	82.5	84.4	84.0	76.8	68.5	—	73.8
August 1996	98.2	97.0	84.5	74.9	—	80.9	84.7	84.2	75.6	67.1	—	72.3
September 1995	92.5	90.9	77.7	67.9	—	73.9	80.1	79.3	68.8	60.1	W	65.2
PAD District II												
September 1996	93.8	93.4	83.0	76.1	67.0	78.2	81.9	81.9	74.3	69.0	63.2	70.0
August 1996	92.6	92.2	81.5	74.6	66.8	76.6	80.8	80.8	72.9	67.8	62.1	68.8
September 1995	85.0	84.6	73.9	66.2	59.4	68.6	73.4	73.2	65.1	59.1	53.5	60.3
Illinois												
September 1996	95.0	95.1	85.5	76.0	—	78.3	82.0	82.3	76.3	68.3	61.1	69.4
August 1996	95.7	95.6	84.9	73.6	W	76.0	83.4	83.5	75.8	66.4	60.1	67.5
September 1995	86.4	85.9	74.3	66.6	W	68.2	75.1	75.0	66.3	58.6	52.2	57.9
Indiana												
September 1996	92.3	92.3	81.4	75.3	W	78.0	80.7	80.9	72.7	67.4	63.7	69.2
August 1996	90.4	90.3	80.1	73.0	W	75.8	78.8	79.0	70.9	65.4	60.9	66.8
September 1995	84.0	84.0	73.9	65.9	W	69.4	73.0	73.2	65.4	57.8	54.2	60.2
Iowa												
September 1996	92.8	92.5	83.8	78.3	—	79.2	83.4	83.6	76.7	70.5	W	71.3
August 1996	90.6	90.5	82.8	77.4	—	78.3	81.7	82.1	77.0	70.1	W	71.1
September 1995	78.2	77.7	72.4	66.0	—	67.1	69.7	70.2	66.2	58.9	W	60.0
Kansas												
September 1996	93.7	93.3	80.3	76.4	W	76.8	81.6	81.5	72.9	69.5	63.8	69.0
August 1996	93.3	92.5	79.2	76.5	W	76.9	81.0	80.8	72.2	69.6	63.9	69.2
September 1995	82.8	82.2	70.0	65.1	W	65.8	70.8	70.7	62.8	58.8	53.8	58.2
Kentucky												
September 1996	94.0	92.7	82.1	75.1	—	77.2	82.3	81.3	73.6	68.2	—	69.9
August 1996	94.1	92.6	81.4	73.8	—	76.1	82.5	81.4	72.7	66.4	—	68.5
September 1995	85.1	83.8	73.8	65.7	—	68.2	74.1	73.2	64.3	58.6	—	60.6
Michigan												
September 1996	92.7	92.2	83.0	76.9	—	79.9	80.6	80.6	73.8	69.1	W	71.3
August 1996	90.5	89.9	80.4	74.8	—	77.6	78.7	78.6	71.5	67.2	—	69.3
September 1995	84.6	84.1	72.7	67.6	—	70.3	72.9	72.7	64.0	59.8	W	61.9
Minnesota												
September 1996	NA	NA	82.7	80.2	W	80.3	88.6	87.9	75.1	71.8	67.0	71.9
August 1996	97.6	97.3	81.9	79.8	W	79.9	88.0	87.2	74.4	71.8	W	72.1
September 1995	88.5	88.2	76.1	69.2	W	70.7	77.8	77.1	67.7	61.7	W	62.5
Missouri												
September 1996	95.7	95.3	83.0	75.9	—	78.4	80.8	80.8	74.4	68.9	W	70.5
August 1996	95.5	94.9	82.9	75.4	W	77.8	80.7	80.7	74.2	68.4	64.6	70.1
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

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												
September 1996	82.2	82.3	75.3	69.6	W	70.7	89.0	88.9	78.9	78.5	—	78.7
August 1996	80.8	81.0	74.8	69.7	—	70.7	86.3	86.3	76.5	77.5	—	77.2
September 1995	71.1	71.3	63.5	58.5	W	59.4	76.3	76.0	65.7	64.0	—	64.9
North Dakota												
September 1996	90.9	90.7	80.7	72.3	—	73.9	95.7	94.1	79.0	81.0	—	79.9
August 1996	90.1	90.1	80.1	72.2	—	73.7	93.5	92.6	77.5	79.8	—	78.6
September 1995	84.4	83.2	67.5	60.8	—	62.0	83.3	82.2	70.8	67.1	—	69.3
Ohio												
September 1996	77.9	77.7	71.2	66.8	W	68.6	86.0	85.6	76.7	71.1	—	74.5
August 1996	74.6	74.5	68.7	64.5	W	66.2	83.0	82.7	74.3	68.9	—	72.2
September 1995	70.0	69.7	62.8	57.2	W	59.5	79.7	79.3	69.4	61.9	—	66.2
Oklahoma												
September 1996	76.1	75.9	71.6	67.7	62.6	65.5	82.3	82.0	76.7	71.4	—	74.4
August 1996	74.6	74.6	71.1	67.3	61.9	65.3	80.1	79.7	76.0	71.0	—	73.9
September 1995	65.8	65.6	62.9	57.0	53.8	56.1	71.9	71.9	67.5	60.9	—	64.9
South Dakota												
September 1996	88.3	88.3	79.6	72.0	—	74.0	95.2	94.8	NA	W	—	NA
August 1996	87.5	87.0	80.0	71.6	—	74.0	93.6	93.9	84.7	79.6	—	81.9
September 1995	78.7	77.8	67.0	60.5	—	62.2	87.8	87.0	71.8	W	—	66.2
Tennessee												
September 1996	77.1	76.8	71.9	64.1	W	65.4	87.5	87.4	77.7	69.2	—	71.2
August 1996	77.5	77.2	71.0	62.7	W	64.1	88.0	87.9	77.2	67.6	—	69.8
September 1995	68.1	67.7	64.1	55.0	W	56.5	79.3	78.9	70.0	60.2	—	62.3
Wisconsin												
September 1996	81.8	81.9	72.0	68.1	—	69.2	88.5	89.6	76.8	73.7	—	74.7
August 1996	80.9	80.9	70.8	66.2	W	67.4	87.9	88.7	75.3	72.2	—	73.1
September 1995	72.1	72.1	62.0	58.1	—	59.2	78.8	79.3	65.6	63.3	—	64.0
PAD District III												
September 1996	78.4	78.0	72.3	64.7	58.3	63.6	86.8	85.9	74.9	68.7	—	70.9
August 1996	78.6	77.9	71.7	63.7	58.0	62.8	87.0	85.9	74.3	67.7	W	69.9
September 1995	71.1	70.4	65.3	55.5	50.4	54.9	79.3	78.4	67.7	59.4	—	62.7
Alabama												
September 1996	77.3	77.2	74.5	64.0	W	66.2	86.3	85.8	80.8	69.0	—	72.5
August 1996	77.2	77.0	73.2	62.1	W	64.4	86.3	85.7	80.4	67.4	—	71.3
September 1995	71.6	71.0	66.8	54.6	W	57.2	80.6	79.6	73.7	59.9	—	64.0
Arkansas												
September 1996	75.9	74.8	70.7	65.0	W	65.3	84.5	83.1	75.7	68.9	—	70.5
August 1996	75.9	74.5	70.1	64.1	57.6	64.5	84.9	83.3	75.2	67.5	—	69.2
September 1995	68.2	67.5	62.9	55.4	50.9	56.2	77.7	76.5	68.1	59.2	—	61.5
Louisiana												
September 1996	75.7	75.4	69.4	62.9	58.8	62.8	85.9	85.1	74.9	67.4	—	69.8
August 1996	76.0	75.5	68.6	61.7	58.0	62.4	86.4	85.5	74.2	66.4	—	68.9
September 1995	69.0	68.5	62.9	54.1	50.9	54.5	79.3	78.4	69.0	59.0	—	62.6
Mississippi												
September 1996	80.1	79.8	70.9	63.4	58.7	63.6	90.0	89.5	76.7	68.4	—	70.3
August 1996	80.8	80.4	70.5	62.2	58.4	62.4	91.0	90.5	77.2	66.8	—	69.1
September 1995	72.3	71.8	61.1	54.3	51.2	54.4	81.8	81.3	66.1	59.1	—	60.9
New Mexico												
September 1996	88.1	87.8	78.2	75.1	—	75.7	96.3	96.3	82.8	80.5	—	80.9
August 1996	88.2	87.9	77.8	73.7	—	74.5	96.2	96.2	82.5	79.3	—	79.9
September 1995	78.9	78.7	68.7	65.2	—	66.0	86.5	86.6	71.5	71.6	—	71.6
Texas												
September 1996	78.3	77.9	72.5	64.2	58.1	62.3	86.2	85.1	NA	67.8	—	70.1
August 1996	78.4	77.8	72.1	63.5	57.9	61.7	86.0	84.8	NA	67.5	W	69.4
September 1995	70.7	70.0	66.2	55.2	50.2	53.9	78.1	77.1	NA	58.8	—	62.4
PAD District IV												
September 1996	89.4	89.7	82.0	77.3	—	78.6	97.7	96.9	86.3	82.3	—	84.0
August 1996	88.7	89.1	81.0	75.7	W	77.1	97.3	96.6	85.6	81.1	—	83.0
September 1995	78.2	78.2	69.2	66.1	W	66.9	87.2	86.8	74.1	70.9	—	72.2
Colorado												
September 1996	87.6	87.6	79.2	72.1	—	74.0	97.7	97.3	85.8	76.5	—	81.1
August 1996	86.7	86.6	76.8	69.0	—	71.0	96.9	96.5	83.7	73.8	—	78.6
September 1995	77.6	77.7	66.8	63.0	W	63.9	88.8	88.3	73.2	68.5	—	71.0

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
Nebraska												
September 1996	92.3	97.8	83.6	77.3	—	79.0	83.3	83.7	76.1	70.3	W	71.4
August 1996	90.6	96.1	82.8	75.9	—	77.4	81.8	82.4	75.5	70.3	—	71.4
September 1995	82.1	85.8	71.9	66.3	—	67.9	72.3	72.8	64.5	59.1	W	60.2
North Dakota												
September 1996	100.1	99.9	89.7	81.6	—	83.9	91.6	91.3	81.2	72.9	—	74.6
August 1996	96.1	96.1	88.6	81.9	—	83.9	90.5	90.6	80.5	72.8	—	74.4
September 1995	91.1	91.0	78.1	70.1	—	73.1	84.8	83.5	69.0	61.4	—	63.0
Ohio												
September 1996	93.8	93.2	83.6	76.1	—	79.7	81.0	80.7	73.8	68.4	W	70.8
August 1996	90.5	90.0	81.0	73.7	—	77.2	77.8	77.6	71.3	66.1	W	68.4
September 1995	86.7	86.1	75.7	66.5	W	71.3	73.9	73.6	65.9	59.0	W	62.1
Oklahoma												
September 1996	89.0	87.9	80.6	75.2	66.1	74.4	78.3	77.9	73.2	68.8	62.7	66.5
August 1996	86.8	86.3	79.7	74.7	67.0	73.9	76.6	76.5	72.6	68.4	62.2	66.4
September 1995	77.7	77.2	71.8	64.3	59.5	64.7	68.1	67.9	64.6	58.3	54.1	57.2
South Dakota												
September 1996	101.2	NA	NA	82.5	—	84.1	89.6	89.7	80.4	73.0	—	75.0
August 1996	100.9	100.2	88.9	82.3	—	84.4	89.0	88.6	81.1	72.8	—	75.2
September 1995	94.8	94.8	75.0	71.9	—	72.7	81.0	79.8	67.9	61.3	—	63.1
Tennessee												
September 1996	95.5	95.0	84.4	74.6	—	76.4	82.5	82.2	75.4	67.0	W	68.4
August 1996	96.0	95.4	83.8	73.1	—	75.1	82.9	82.5	74.7	65.5	W	67.1
September 1995	86.9	86.2	77.2	65.2	—	67.3	74.2	73.7	68.3	58.2	W	59.9
Wisconsin												
September 1996	92.9	92.4	82.7	77.1	—	78.8	83.5	83.6	73.6	69.3	—	70.5
August 1996	93.2	92.5	80.9	75.2	—	76.9	82.8	82.7	72.3	67.5	W	68.9
September 1995	84.3	83.8	72.4	67.6	—	69.1	74.2	74.2	63.8	59.6	—	60.8
PAD District III												
September 1996	95.5	94.1	81.3	74.2	65.0	74.5	82.3	81.6	74.5	66.6	58.8	65.7
August 1996	95.3	93.8	80.8	73.1	60.9	72.7	82.4	81.6	73.9	65.6	58.2	64.8
September 1995	88.2	86.8	74.0	64.9	54.3	64.7	75.3	74.5	67.6	57.6	50.8	57.1
Alabama												
September 1996	95.5	94.4	87.7	74.5	—	77.5	82.1	81.8	78.2	66.7	W	69.3
August 1996	95.2	94.1	86.8	72.6	—	75.7	82.0	81.6	77.1	64.9	W	67.6
September 1995	89.7	88.1	79.9	65.4	—	68.6	76.9	76.0	70.9	57.8	W	60.7
Arkansas												
September 1996	92.1	89.5	81.3	74.7	—	76.1	79.2	77.9	73.2	67.0	W	67.4
August 1996	92.1	89.2	81.0	73.5	W	74.8	79.2	77.6	72.4	65.9	57.8	66.5
September 1995	85.1	82.8	72.3	64.7	W	65.9	72.1	71.1	65.4	57.5	51.0	58.4
Louisiana												
September 1996	93.7	92.7	81.6	72.6	63.8	74.2	80.7	80.3	73.7	65.4	59.4	65.8
August 1996	94.0	92.6	81.4	71.6	61.1	74.1	81.0	80.5	73.0	64.3	58.3	65.6
September 1995	87.2	85.9	76.1	63.9	55.1	64.4	74.7	74.0	67.9	57.0	51.9	57.7
Mississippi												
September 1996	98.3	97.6	83.7	74.1	W	75.6	84.5	84.2	74.2	65.9	60.8	66.4
August 1996	99.3	98.6	83.6	72.4	63.2	72.4	85.3	84.9	74.0	64.6	59.2	64.9
September 1995	90.5	89.7	72.7	64.8	W	65.4	77.3	76.7	64.2	57.0	51.3	57.0
New Mexico												
September 1996	102.8	102.4	88.5	84.3	—	85.0	90.5	90.3	79.5	76.5	—	77.1
August 1996	102.7	102.3	89.5	82.8	—	84.0	90.7	90.4	79.4	75.3	—	76.1
September 1995	92.1	92.0	79.9	74.6	—	75.8	81.1	80.9	70.3	66.6	—	67.5
Texas												
September 1996	95.3	93.8	78.7	73.4	64.4	72.3	81.8	81.1	73.7	65.7	58.6	63.9
August 1996	94.8	93.2	78.1	72.9	60.6	70.2	81.9	81.0	73.2	65.1	58.1	63.2
September 1995	87.5	86.1	72.0	64.1	54.0	62.8	74.4	73.5	67.3	56.8	50.6	55.7
PAD District IV												
September 1996	105.7	104.6	91.7	87.2	—	88.7	92.9	92.8	84.3	79.3	—	80.8
August 1996	105.1	104.2	91.2	85.8	—	87.5	92.3	92.3	83.4	77.8	W	79.4
September 1995	94.0	93.3	79.1	75.3	W	76.4	82.2	81.9	71.9	68.2	W	69.2
Colorado												
September 1996	106.7	106.3	89.9	80.8	—	83.4	91.9	91.7	82.0	73.8	—	76.2
August 1996	105.8	105.4	88.1	78.0	—	81.0	91.0	90.8	79.9	70.8	—	73.4
September 1995	96.6	96.1	78.2	71.1	W	73.1	82.4	82.3	70.0	64.8	W	66.3

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												
September 1996	92.0	91.4	84.0	81.0	—	82.1	99.0	97.5	89.1	85.0	—	86.9
August 1996	90.9	90.6	83.1	80.4	—	81.4	99.1	97.4	88.7	84.4	—	86.3
September 1995	78.3	77.8	69.7	67.0	—	67.8	85.1	83.9	74.8	71.0	—	72.5
Montana												
September 1996	94.6	95.4	88.8	81.2	—	82.6	101.8	101.8	90.6	87.7	—	88.0
August 1996	NA	NA	87.1	80.5	—	81.7	NA	NA	89.3	86.1	—	86.4
September 1995	79.7	81.1	73.5	68.8	—	69.8	85.5	85.5	77.1	73.6	—	73.9
Utah												
September 1996	88.0	89.1	79.7	79.2	—	79.4	95.9	94.7	84.9	84.7	—	84.8
August 1996	89.2	90.3	80.4	79.0	W	79.4	97.4	96.2	86.4	84.6	—	85.3
September 1995	76.5	76.1	68.9	67.1	—	67.6	84.7	84.5	74.7	71.8	—	73.0
Wyoming												
September 1996	93.5	93.2	84.4	78.1	—	79.7	100.7	100.8	85.8	85.4	—	85.7
August 1996	92.6	92.2	83.4	75.6	—	77.3	100.0	100.0	85.5	80.2	—	84.4
September 1995	84.6	83.9	71.6	68.0	—	68.8	91.5	91.4	75.1	W	—	74.7
PAD District V												
September 1996	97.0	96.2	84.7	76.9	68.1	79.3	104.9	104.6	91.2	83.5	—	88.4
August 1996	99.1	98.0	85.8	76.5	67.0	79.0	106.6	106.0	91.1	83.4	—	88.6
September 1995	79.7	79.1	69.1	63.1	57.9	65.5	82.7	83.0	73.4	66.8	W	71.3
Alaska												
September 1996	122.0	120.2	102.0	83.7	W	91.2	114.0	115.3	103.5	93.5	—	99.2
August 1996	123.1	121.2	97.4	84.2	77.3	88.5	113.1	114.8	NA	94.2	—	98.9
September 1995	112.6	108.8	90.7	71.8	90.9	82.9	103.7	105.1	90.5	81.0	W	89.0
Arizona												
September 1996	97.5	96.3	82.5	75.4	70.4	79.0	105.0	104.6	88.0	81.0	—	86.3
August 1996	100.3	99.0	85.5	73.5	67.0	79.8	106.9	106.4	91.4	79.2	—	88.5
September 1995	82.5	81.7	71.8	62.8	W	67.8	89.9	89.6	76.3	67.9	—	73.4
California												
September 1996	—	—	—	78.0	64.5	66.3	—	—	—	84.0	—	84.0
August 1996	—	—	—	76.9	66.0	66.6	—	—	—	83.9	—	83.9
September 1995	71.0	71.1	65.3	60.1	55.5	62.2	76.6	77.0	70.7	64.7	W	68.8
Hawaii												
September 1996	111.8	106.6	105.6	91.7	—	103.8	120.8	116.6	112.3	W	—	111.9
August 1996	113.2	107.4	106.0	91.7	—	103.9	121.3	117.0	112.4	W	—	111.9
September 1995	100.8	93.8	93.5	82.2	—	91.8	107.4	100.9	99.7	W	—	99.5
Nevada												
September 1996	99.7	98.0	77.4	75.0	72.5	76.0	103.6	103.4	82.1	81.3	—	81.9
August 1996	101.7	99.7	79.2	74.1	68.1	75.9	106.3	106.1	84.6	81.2	—	83.7
September 1995	82.4	81.8	64.0	63.8	58.3	63.1	82.1	82.4	68.4	69.9	—	68.9
Oregon												
September 1996	92.5	92.2	81.4	77.3	69.1	77.4	102.4	101.5	86.8	84.8	—	85.9
August 1996	94.2	93.7	82.7	76.4	68.6	78.0	104.8	102.8	87.9	84.7	—	86.5
September 1995	81.5	81.0	70.8	66.6	58.6	67.5	88.1	87.0	76.7	73.4	—	75.4
Washington												
September 1996	94.2	93.9	85.1	76.8	68.8	80.1	103.0	102.9	92.5	83.6	—	88.5
August 1996	95.9	95.4	85.7	77.0	W	80.4	104.5	104.1	90.4	83.9	—	88.1
September 1995	81.4	81.4	72.4	64.6	60.0	67.7	88.7	89.0	78.2	70.4	—	76.0

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
Idaho												
September 1996	103.5	102.3	94.8	90.9	—	92.5	93.7	93.0	86.1	82.5	—	83.9
August 1996	102.4	101.6	94.2	90.2	—	91.9	92.8	92.3	85.4	82.0	—	83.3
September 1995	89.4	89.0	79.8	76.7	—	77.9	80.5	79.9	72.4	68.9	—	70.1
Montana												
September 1996	105.1	105.6	97.8	94.0	—	95.0	96.8	97.2	90.7	83.4	—	84.8
August 1996	NA	NA	96.6	92.4	—	93.4	NA	NA	89.2	82.8	—	84.0
September 1995	89.2	89.7	81.8	78.5	—	79.4	81.9	82.8	75.8	70.9	—	71.9
Utah												
September 1996	104.8	102.7	88.8	89.2	—	89.1	92.3	92.5	82.6	81.8	—	82.1
August 1996	106.0	104.3	89.4	88.9	—	89.1	93.5	93.8	83.4	81.7	W	82.2
September 1995	91.9	91.0	77.8	76.6	—	77.0	80.9	80.4	72.0	69.8	—	70.5
Wyoming												
September 1996	106.4	104.7	95.2	87.9	—	89.5	96.0	95.3	86.1	79.8	—	81.4
August 1996	105.3	103.6	94.5	85.4	—	87.1	95.2	94.5	85.3	77.5	—	79.2
September 1995	96.6	94.5	81.6	77.4	—	78.2	87.2	86.2	73.4	69.8	—	70.6
PAD District V												
September 1996	113.7	112.6	100.6	90.2	77.9	94.4	99.8	98.9	87.7	78.9	69.3	82.0
August 1996	115.7	114.5	101.5	88.7	74.5	94.8	101.8	100.8	88.8	78.4	67.3	81.8
September 1995	95.7	95.1	83.7	75.1	62.1	79.5	82.5	81.9	72.5	65.1	58.4	68.5
Alaska												
September 1996	131.5	130.5	107.6	94.5	W	100.2	122.0	120.4	102.5	84.7	W	92.0
August 1996	130.6	130.0	106.9	95.6	W	100.8	122.8	121.2	98.5	85.2	77.6	89.6
September 1995	118.1	112.0	96.2	83.3	W	89.3	112.3	108.7	91.2	73.0	90.8	83.5
Arizona												
September 1996	112.0	111.0	96.3	86.6	W	92.8	100.2	99.0	85.0	77.1	71.2	81.3
August 1996	115.8	114.9	99.9	82.1	W	93.0	103.1	101.9	88.1	75.1	67.6	82.3
September 1995	98.4	97.9	86.1	75.3	W	82.0	85.6	84.8	74.9	65.0	W	70.7
California												
September 1996	—	—	—	91.4	W	80.9	—	—	—	80.0	64.5	67.2
August 1996	—	—	—	88.0	W	74.1	—	—	—	78.9	66.0	66.9
September 1995	88.3	88.3	79.9	71.4	60.6	76.0	74.7	74.7	69.2	62.4	56.2	65.6
Hawaii												
September 1996	NA	NA	118.7	106.5	—	117.6	116.4	111.0	110.3	95.6	—	108.8
August 1996	NA	NA	119.1	106.0	—	117.8	117.8	111.9	110.6	95.3	—	108.8
September 1995	118.1	109.1	106.9	96.5	—	105.7	105.9	98.6	98.8	86.9	—	97.3
Nevada												
September 1996	116.2	115.5	89.1	87.6	W	87.7	102.3	100.7	79.9	77.0	74.8	78.2
August 1996	116.4	115.8	91.1	86.4	W	88.7	104.3	102.4	82.0	76.1	68.7	78.6
September 1995	NA	95.5	77.5	75.8	W	75.3	84.3	83.7	67.3	66.0	59.6	65.7
Oregon												
September 1996	108.4	107.7	96.4	91.7	79.0	91.8	94.8	94.4	83.6	79.2	70.1	79.5
August 1996	109.6	108.7	97.7	89.9	W	92.3	96.5	95.8	84.9	78.4	69.1	80.1
September 1995	96.5	96.1	85.3	81.5	64.6	81.9	84.0	83.5	73.5	68.8	59.3	69.9
Washington												
September 1996	113.1	112.7	100.7	90.2	W	93.1	97.2	96.9	88.0	79.0	71.5	82.7
August 1996	114.5	113.6	101.1	90.3	74.1	94.4	99.0	98.5	88.6	79.1	68.6	83.1
September 1995	99.0	98.8	87.6	77.1	W	82.6	84.5	84.6	75.8	66.6	60.1	70.7

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Notes: 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												
September 1996	97.1	96.7	88.1	79.7	-	82.9	104.7	104.4	93.8	82.2	-	87.3
August 1996	95.2	95.0	NA	78.6	-	82.7	102.2	102.0	NA	80.0	-	86.7
September 1995	82.4	81.9	73.9	66.4	NA	69.4	NA	NA	75.7	68.9	-	72.4
PAD District I												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IA												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IB												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Delaware												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
New York												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-

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												
September 1996	110.7	110.2	101.5	86.4	—	92.8	99.4	99.0	90.7	80.8	—	84.7
August 1996	109.5	109.5	NA	84.0	—	90.6	97.3	97.1	NA	79.4	—	84.2
September 1995	99.4	99.1	87.8	73.9	W	NA	85.6	85.1	76.6	67.8	68.8	70.9
PAD District I												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Subdistrict IA												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Connecticut												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Maine												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
New Hampshire												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Rhode Island												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Vermont												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Subdistrict IB												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Delaware												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
District of Columbia												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Maryland												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
New Jersey												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
New York												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Pennsylvania												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—

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												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Florida												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Georgia												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Virginia												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
West Virginia												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
PAD District II												
September 1996	95.7	95.3	W	79.1	-	79.8	103.1	102.7	W	79.9	-	82.6
August 1996	93.7	93.5	82.8	79.2	-	79.8	100.2	100.0	W	79.8	-	82.2
September 1995	79.2	79.2	68.7	63.7	-	65.0	87.3	87.3	W	64.9	-	69.7
Illinois												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Indiana												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Iowa												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Kansas												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Kentucky												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Michigan												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Minnesota												
September 1996	95.7	95.3	W	79.1	-	79.8	103.1	102.7	W	79.9	-	82.6
August 1996	93.7	93.5	82.8	79.2	-	79.8	100.2	100.0	W	79.8	-	82.3
September 1995	79.2	79.2	68.7	63.8	-	65.1	87.3	87.3	W	64.9	-	69.9
Missouri												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-

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												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Florida												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Georgia												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Virginia												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
West Virginia												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
PAD District II												
September 1996	107.6	107.4	W	83.4	-	85.7	97.5	97.1	W	79.6	-	80.8
August 1996	106.8	106.7	W	83.0	-	84.9	95.5	95.3	85.0	79.7	-	80.6
September 1995	91.8	91.8	79.3	68.4	-	69.3	81.0	81.0	70.6	64.5	-	66.1
Illinois												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Indiana												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Iowa												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Kansas												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Kentucky												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Michigan												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Minnesota												
September 1996	107.6	107.4	W	83.4	-	85.7	97.5	97.1	W	79.6	-	80.8
August 1996	106.8	106.7	W	83.0	-	84.9	95.5	95.3	85.0	79.7	-	80.6
September 1995	91.8	91.8	79.3	68.5	-	69.4	81.0	81.0	70.6	64.6	-	66.1
Missouri												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-

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												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Ohio												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Oklahoma												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin												
September 1996	-	-	-	W	-	W	-	-	-	W	-	W
August 1996	-	-	-	W	-	W	-	-	-	W	-	W
September 1995	-	-	-	W	-	W	-	-	-	W	-	W
PAD District III												
September 1996	93.2	92.2	W	78.0	-	78.1	101.5	101.5	W	81.7	-	82.5
August 1996	W	W	W	-	-	W	W	W	W	-	-	W
September 1995	W	NA	W	70.5	W	NA	W	W	W	76.3	-	75.7
Alabama												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Arkansas												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico												
September 1996	W	W	W	-	-	W	W	W	W	-	-	W
August 1996	W	W	W	-	-	W	W	W	W	-	-	W
September 1995	W	W	W	-	-	W	W	W	W	-	-	W
Texas												
September 1996	W	90.5	W	78.0	-	78.5	W	W	W	81.7	-	83.0
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	W	W	W	70.5	W	NA	W	W	W	76.3	-	76.7
PAD District IV												
September 1996	W	W	W	76.5	-	76.6	W	W	W	80.5	-	80.9
August 1996	-	-	-	73.7	-	73.7	-	-	-	W	-	W
September 1995	W	W	-	W	-	W	W	W	-	W	-	W
Colorado												
September 1996	W	W	W	76.2	-	76.3	W	W	W	W	-	80.5
August 1996	-	-	-	73.7	-	73.7	-	-	-	W	-	W
September 1995	W	W	-	W	-	W	W	W	-	W	-	W

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												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Ohio												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Oklahoma												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin												
September 1996	-	-	-	-	-	-	-	-	-	W	-	W
August 1996	-	-	-	W	-	W	-	-	-	W	-	W
September 1995	-	-	-	W	-	W	-	-	-	W	-	W
PAD District III												
September 1996	110.6	108.2	W	84.1	-	85.4	97.5	96.4	W	79.3	-	79.6
August 1996	W	W	W	-	-	W	W	W	W	-	-	W
September 1995	W	NA	W	79.6	-	79.8	W	NA	W	71.9	W	NA
Alabama												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Arkansas												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico												
September 1996	W	W	W	-	-	W	W	W	W	-	-	W
August 1996	W	W	W	-	-	W	W	W	W	-	-	W
September 1995	W	W	W	-	-	W	W	W	W	-	-	W
Texas												
September 1996	W	W	W	84.1	-	85.3	W	W	W	79.3	-	80.0
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	W	W	W	79.6	-	80.1	W	W	W	71.9	W	NA
PAD District IV												
September 1996	W	W	W	85.3	-	85.7	W	W	W	78.1	-	78.3
August 1996	-	-	-	82.0	-	82.0	-	-	-	75.1	-	75.1
September 1995	W	W	-	W	-	W	W	W	-	W	-	W
Colorado												
September 1996	W	W	W	84.6	-	85.1	W	W	W	77.7	-	77.9
August 1996	-	-	-	82.0	-	82.0	-	-	-	75.1	-	75.1
September 1995	W	W	-	W	-	W	W	W	-	W	-	W

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												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Montana												
September 1996	-	-	-	W	-	W	-	-	-	W	-	W
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Utah												
September 1996	-	W	-	W	-	W	-	W	-	W	-	W
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
PAD District V												
September 1996	NA	NA	NA	83.7	-	87.9	NA	NA	96.1	87.8	-	93.5
August 1996	W	W	NA	82.5	-	NA	W	W	NA	88.7	-	NA
September 1995	86.6	85.2	75.5	68.5	W	69.1	NA	NA	75.4	71.9	-	NA
Alaska												
September 1996	W	W	W	-	-	W	W	W	W	-	-	W
August 1996	W	W	W	W	-	W	W	W	W	-	-	W
September 1995	W	W	W	-	-	W	W	W	W	-	-	W
Arizona												
September 1996	W	W	87.0	79.6	-	85.6	W	W	92.3	87.5	-	92.1
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	85.6	85.5	75.9	NA	-	71.6	89.3	88.9	79.2	W	-	74.6
California												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	74.1	71.7	69.7	60.4	W	62.0	86.3	85.5	74.8	W	-	NA
Hawaii												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
September 1996	90.1	88.8	81.1	83.1	-	82.0	97.0	97.0	86.2	85.0	-	85.9
August 1996	-	-	-	W	-	W	-	-	-	-	-	-
September 1995	91.7	91.0	NA	70.2	-	NA	95.8	95.7	71.5	74.3	-	71.9
Oregon												
September 1996	NA	NA	NA	-	-	NA	NA	NA	NA	-	-	NA
August 1996	NA	NA	NA	NA	-	NA	NA	NA	NA	-	-	NA
September 1995	NA	NA	W	-	-	W	W	W	-	-	-	-
Washington												
September 1996	NA	NA	NA	84.2	-	NA	NA	NA	NA	88.3	-	94.9
August 1996	NA	NA	NA	84.0	-	NA	NA	NA	NA	88.7	-	NA
September 1995	85.9	86.1	W	69.5	-	74.7	W	W	W	NA	-	NA

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												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Montana												
September 1996	-	-	-	W	-	W	-	-	-	W	-	W
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Utah												
September 1996	-	W	-	W	-	W	-	W	-	W	-	W
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
PAD District V												
September 1996	NA	NA	NA	92.9	-	99.9	NA	NA	NA	85.5	-	90.3
August 1996	NA	NA	NA	89.1	-	103.2	W	W	NA	84.9	-	NA
September 1995	102.6	102.3	88.3	77.8	W	NA	90.4	88.9	78.2	70.5	W	71.6
Alaska												
September 1996	W	NA	W	W	-	NA	W	NA	W	W	-	NA
August 1996	W	NA	W	W	-	NA	W	NA	W	W	-	NA
September 1995	W	W	W	-	-	W	W	W	W	-	-	W
Arizona												
September 1996	106.2	106.2	98.5	90.9	-	97.7	103.1	103.1	89.6	81.1	-	88.3
August 1996	W	W	W	-	-	W	W	W	W	-	-	W
September 1995	102.4	102.4	88.1	74.4	-	82.7	89.5	89.3	78.7	66.8	-	74.2
California												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	NA	NA	82.5	W	W	NA	82.3	78.2	74.1	63.5	W	64.9
Hawaii												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
September 1996	105.8	105.8	93.9	90.0	-	92.3	93.3	91.9	84.2	84.5	-	84.3
August 1996	-	-	-	W	-	W	-	-	-	W	-	W
September 1995	103.7	103.7	79.8	76.6	-	78.5	95.6	95.2	69.8	71.8	-	70.6
Oregon												
September 1996	NA	NA	NA	-	-	NA	NA	NA	NA	-	-	NA
August 1996	NA	NA	NA	NA	-	NA	NA	NA	NA	NA	-	NA
September 1995	NA	NA	W	-	-	W	NA	NA	W	-	-	W
Washington												
September 1996	NA	NA	NA	94.1	-	NA	NA	NA	NA	86.2	-	NA
August 1996	NA	NA	NA	92.0	-	NA	NA	NA	NA	86.2	-	NA
September 1995	102.4	102.5	W	79.6	-	88.4	88.8	88.9	W	71.5	-	77.1

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Notes: 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												
September 1996	82.2	82.1	76.0	69.5	66.0	72.2	91.3	90.9	81.4	73.6	W	79.2
August 1996	84.1	83.9	78.4	68.9	65.0	72.8	93.1	92.6	83.7	73.3	W	80.6
September 1995	73.5	72.9	67.4	61.0	56.9	63.4	81.6	81.0	72.2	65.2	-	70.2
PAD District I												
September 1996	81.0	80.3	76.0	68.4	64.3	71.0	90.9	89.7	82.1	72.7	-	78.8
August 1996	81.9	81.1	76.5	67.4	64.0	70.5	91.5	90.2	82.7	72.1	-	78.9
September 1995	76.0	75.1	69.8	61.9	56.3	64.1	86.1	84.7	75.1	66.3	-	71.9
Subdistrict IA												
September 1996	81.9	81.6	77.1	69.1	64.4	71.3	91.5	90.5	83.2	72.5	-	78.7
August 1996	82.4	82.1	77.5	68.1	65.6	71.2	91.9	90.6	84.1	71.9	-	78.7
September 1995	77.9	77.4	72.6	62.7	55.7	65.2	87.8	86.3	79.6	66.7	-	73.7
Connecticut												
September 1996	80.9	80.6	75.5	69.5	W	70.6	90.7	88.7	80.8	72.8	-	77.3
August 1996	81.3	80.9	75.9	68.3	65.3	71.2	90.8	88.5	80.8	71.8	-	76.7
September 1995	77.2	76.6	71.3	62.8	-	66.6	87.2	84.8	77.6	67.0	-	72.6
Maine												
September 1996	81.7	81.4	76.1	68.1	-	69.6	92.8	92.1	89.0	70.9	-	77.8
August 1996	82.6	82.4	75.8	67.9	W	69.2	92.3	91.8	91.6	71.8	-	79.5
September 1995	79.1	78.2	70.4	62.5	-	64.1	90.2	88.7	82.5	66.0	-	71.9
Massachusetts												
September 1996	82.5	82.3	78.3	69.2	64.6	72.0	92.0	91.3	84.5	72.7	-	80.1
August 1996	83.1	82.8	78.7	68.0	66.2	71.8	92.6	91.5	85.2	71.9	-	80.1
September 1995	78.6	78.1	73.8	62.7	56.0	65.7	88.7	87.2	80.8	66.9	-	75.0
New Hampshire												
September 1996	83.5	83.4	77.6	69.6	-	74.6	94.0	93.9	82.4	75.3	-	81.1
August 1996	83.7	83.5	78.1	68.7	-	74.5	94.5	94.2	83.1	74.0	-	81.2
September 1995	78.7	78.5	72.7	64.0	-	69.4	87.5	87.3	79.0	67.7	-	76.6
Rhode Island												
September 1996	78.8	78.7	75.3	69.2	W	70.0	87.6	87.5	80.5	72.7	-	76.2
August 1996	79.7	79.6	76.0	68.6	64.0	69.3	88.4	88.1	81.5	72.3	-	76.2
September 1995	74.2	74.1	70.7	61.9	W	61.0	83.7	83.2	77.5	65.8	-	71.3
Vermont												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Subdistrict IB												
September 1996	80.2	79.3	75.2	68.2	64.3	70.7	90.5	89.2	81.6	73.2	-	79.0
August 1996	81.3	80.4	75.9	67.2	63.5	69.9	91.2	89.8	82.1	72.6	-	79.1
September 1995	76.1	74.7	69.1	61.9	56.5	63.8	86.5	84.9	74.2	66.7	-	72.0
Delaware												
September 1996	80.6	80.3	73.8	67.3	W	70.6	90.3	89.8	80.2	71.0	-	76.2
August 1996	79.1	78.8	74.4	66.4	W	70.4	87.4	87.2	80.6	70.1	-	76.1
September 1995	75.2	74.4	67.9	61.1	W	64.3	85.3	84.4	73.8	64.8	-	69.7
District of Columbia												
September 1996	W	74.6	79.2	-	-	79.2	W	85.7	83.2	-	-	83.2
August 1996	W	76.7	79.0	-	-	79.0	W	87.7	83.3	-	-	83.3
September 1995	W	65.2	67.7	-	-	67.7	W	74.9	71.5	-	-	71.5
Maryland												
September 1996	85.1	81.9	76.0	67.7	65.3	73.1	94.7	89.2	81.4	72.4	-	79.3
August 1996	85.8	82.0	76.6	66.6	W	73.2	95.0	89.8	82.3	71.5	-	79.4
September 1995	74.5	71.0	65.6	60.2	W	63.7	83.5	80.6	70.2	64.9	-	68.7
New Jersey												
September 1996	80.6	80.0	75.3	67.7	64.2	68.9	92.7	91.8	81.3	73.3	-	78.2
August 1996	82.8	82.1	76.9	66.7	63.3	67.9	94.5	93.2	82.6	73.0	-	79.0
September 1995	77.8	77.0	71.5	61.5	56.4	62.2	89.7	88.5	76.7	66.9	-	73.4
New York												
September 1996	80.1	79.0	76.2	70.2	64.1	73.2	88.9	88.3	84.1	75.5	-	82.2
August 1996	80.7	80.1	75.9	69.2	63.6	72.4	89.2	88.6	83.1	74.8	-	81.3
September 1995	75.9	75.0	70.1	63.4	55.7	66.7	85.4	84.5	76.8	70.0	-	75.6
Pennsylvania												
September 1996	76.0	75.6	71.5	67.7	W	69.7	86.7	86.1	76.7	72.5	-	74.7
August 1996	76.6	76.1	72.1	66.8	-	69.5	87.2	86.3	77.2	72.1	-	74.8
September 1995	73.4	72.5	68.0	62.1	-	65.4	84.5	83.5	72.2	67.1	-	70.3

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												
September 1996	99.2	98.5	88.9	78.9	70.8	84.3	86.5	86.3	79.9	71.6	66.8	75.5
August 1996	100.6	99.8	91.0	78.0	69.1	85.4	88.4	88.0	82.2	71.0	65.5	76.3
September 1995	91.3	90.4	81.0	70.8	63.3	76.8	78.7	78.0	72.0	63.5	57.7	67.6
PAD District I												
September 1996	98.9	97.5	89.2	78.1	67.6	83.6	86.2	85.3	80.8	70.9	64.9	75.0
August 1996	99.2	97.8	89.9	77.1	68.6	83.7	87.0	86.0	81.3	70.0	64.6	74.6
September 1995	94.3	92.9	82.9	71.7	63.9	77.8	81.9	80.8	74.8	64.7	57.4	68.7
Subdistrict IA												
September 1996	100.0	98.8	89.8	78.5	W	82.8	86.0	85.7	80.6	71.2	65.0	74.2
August 1996	100.3	99.0	90.2	77.5	W	82.8	86.6	86.1	81.2	70.3	65.7	74.2
September 1995	96.6	95.1	86.4	72.7	W	78.4	82.9	82.2	76.9	65.1	56.5	69.0
Connecticut												
September 1996	100.5	99.1	87.8	79.7	W	83.4	85.5	84.9	78.8	71.9	64.4	73.6
August 1996	101.1	99.5	87.7	78.6	—	83.2	85.9	85.2	79.1	70.8	65.3	74.2
September 1995	97.2	95.5	84.6	73.6	—	79.0	82.5	81.5	75.4	65.6	—	70.2
Maine												
September 1996	99.8	98.3	87.5	77.5	—	79.4	85.2	84.9	80.4	69.7	—	71.9
August 1996	99.4	97.7	87.1	77.4	—	79.0	86.0	85.7	81.5	69.9	W	72.1
September 1995	96.8	95.1	81.9	72.0	W	72.7	83.4	82.4	74.8	64.4	W	66.6
Massachusetts												
September 1996	100.1	98.8	91.3	78.1	W	82.7	86.7	86.4	82.0	71.1	65.5	74.9
August 1996	100.5	99.0	91.9	76.8	W	83.1	87.3	86.8	82.5	70.0	66.2	74.8
September 1995	97.3	95.4	88.2	72.3	W	79.3	83.7	83.0	78.5	65.1	57.0	69.7
New Hampshire												
September 1996	101.2	100.8	89.9	79.3	—	86.4	87.4	87.3	80.5	71.6	—	77.5
August 1996	101.3	100.7	90.1	78.1	—	86.1	87.7	87.5	81.1	70.7	—	77.4
September 1995	95.4	95.3	84.8	74.8	—	81.6	83.0	82.8	76.2	66.3	—	72.8
Rhode Island												
September 1996	95.8	95.4	88.3	78.2	—	81.9	82.9	82.8	78.8	71.3	W	72.7
August 1996	96.4	96.0	89.0	77.7	—	81.6	83.7	83.5	79.6	71.0	64.0	72.1
September 1995	91.6	91.2	84.4	71.7	W	75.7	79.3	79.1	75.1	64.5	W	64.4
Vermont												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Subdistrict IB												
September 1996	98.4	97.0	89.1	77.9	67.2	83.7	86.3	85.1	80.7	71.1	64.9	75.3
August 1996	99.2	97.6	89.7	76.8	69.0	83.9	87.3	86.1	81.3	70.1	64.3	74.6
September 1995	94.5	93.0	82.7	71.4	64.0	78.0	82.8	81.3	74.8	64.9	57.6	68.9
Delaware												
September 1996	NA	98.9	87.7	76.7	—	82.4	85.1	84.8	77.2	69.6	W	73.4
August 1996	95.6	95.0	88.1	75.7	—	82.2	83.1	82.8	77.9	68.8	W	73.3
September 1995	94.7	93.5	81.5	70.9	—	76.4	80.4	79.6	71.6	63.6	W	67.5
District of Columbia												
September 1996	W	89.9	91.1	—	—	91.1	W	80.4	85.1	—	—	85.1
August 1996	W	91.5	91.4	—	—	91.4	W	82.4	85.1	—	—	85.1
September 1995	W	79.2	78.9	—	—	78.9	W	70.8	73.9	—	—	73.9
Maryland												
September 1996	101.1	96.7	87.8	78.1	W	85.4	89.6	85.9	80.0	70.4	65.9	77.0
August 1996	101.3	96.1	88.8	76.8	W	85.8	90.1	86.0	80.7	69.3	W	77.2
September 1995	90.1	86.2	76.2	70.9	W	74.7	79.4	76.1	69.6	63.5	W	67.6
New Jersey												
September 1996	100.8	99.3	89.4	77.1	66.8	80.5	87.4	86.6	80.8	70.7	64.8	72.8
August 1996	102.8	101.0	90.8	75.8	88.7	81.6	89.5	88.5	82.2	69.7	64.0	71.9
September 1995	97.9	96.6	85.7	70.7	64.0	77.2	85.2	84.2	77.4	64.7	57.6	67.1
New York												
September 1996	96.6	95.7	90.6	79.0	69.9	87.3	86.3	85.2	83.2	73.2	65.3	79.3
August 1996	96.8	96.0	90.4	78.0	69.0	86.0	86.8	86.0	82.8	72.1	65.5	78.4
September 1995	92.5	91.9	84.3	72.2	63.7	80.8	82.9	81.8	77.2	66.4	57.7	73.1
Pennsylvania												
September 1996	94.5	93.3	84.4	78.7	W	82.2	82.3	81.5	75.7	70.5	W	73.3
August 1996	94.6	93.0	85.0	78.7	—	82.7	82.7	81.7	76.2	69.8	—	73.3
September 1995	91.5	90.3	80.9	73.2	—	78.4	80.0	78.7	72.4	65.0	—	69.4

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												
September 1996	81.1	80.2	77.2	66.9	—	71.7	91.1	89.7	82.6	71.6	—	78.1
August 1996	82.0	80.9	77.6	65.9	W	71.3	91.9	90.5	83.4	71.2	—	78.4
September 1995	70.8	70.3	65.4	59.1	W	61.9	81.5	80.8	70.3	64.0	—	67.7
Florida												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Georgia												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
North Carolina												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
South Carolina												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Virginia												
September 1996	81.1	80.2	77.2	66.9	—	71.7	91.1	89.7	82.6	71.6	—	78.1
August 1996	82.0	80.9	77.6	65.9	W	71.3	91.9	90.5	83.4	71.2	—	78.4
September 1995	70.8	70.3	65.4	59.1	W	61.9	81.5	80.8	70.3	64.0	—	67.7
West Virginia												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
PAD District II												
September 1996	86.3	85.8	79.8	72.3	—	75.9	95.7	95.7	86.4	76.2	—	83.4
August 1996	85.4	85.0	78.4	70.8	—	74.4	94.7	94.7	85.4	74.2	—	81.8
September 1995	76.4	75.8	70.1	61.8	—	65.9	84.5	84.3	74.3	65.6	—	72.1
Illinois												
September 1996	86.6	86.2	82.0	72.5	—	78.0	95.9	95.9	87.7	76.5	—	85.7
August 1996	85.6	85.1	80.7	71.0	—	76.5	94.8	94.8	86.7	74.4	—	84.3
September 1995	77.0	76.2	72.7	61.5	—	67.9	85.0	84.9	75.5	64.9	—	73.9
Indiana												
September 1996	84.2	84.0	76.9	73.6	—	74.5	93.3	93.3	83.1	77.8	—	80.1
August 1996	81.3	81.2	74.6	71.7	—	72.5	90.7	90.7	80.9	75.7	—	77.9
September 1995	71.9	71.5	66.0	62.0	—	63.2	80.3	79.8	68.3	66.6	—	67.5
Iowa												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Kansas												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Kentucky												
September 1996	85.4	84.8	73.9	70.4	—	71.3	97.2	96.9	78.4	74.4	—	76.0
August 1996	84.4	83.9	71.7	68.3	—	69.3	96.1	95.9	78.8	72.0	—	74.6
September 1995	73.5	73.1	65.2	62.6	—	63.3	82.9	82.9	71.2	66.5	—	68.4
Michigan												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Minnesota												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Missouri												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—

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												
September 1996	98.4	97.4	89.2	77.6	—	84.5	86.3	85.2	81.4	69.6	—	75.7
August 1996	97.3	96.1	90.4	76.9	W	84.5	86.9	85.7	82.0	68.8	W	75.4
September 1995	88.9	88.1	77.4	70.2	—	74.4	76.9	76.2	70.1	62.4	W	66.2
Florida												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Georgia												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
North Carolina												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
South Carolina												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Virginia												
September 1996	98.4	97.4	89.2	77.6	—	84.5	86.3	85.2	81.4	69.6	—	75.7
August 1996	97.3	96.1	90.4	76.9	W	84.5	86.9	85.7	82.0	68.8	W	75.4
September 1995	88.9	88.1	77.4	70.2	—	74.4	76.9	76.2	70.1	62.4	W	66.2
West Virginia												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
PAD District II												
September 1996	101.7	100.9	90.9	81.1	—	87.1	90.2	89.6	83.4	74.0	—	79.0
August 1996	101.7	100.9	89.8	79.5	—	85.6	89.3	88.8	82.1	72.5	—	77.5
September 1995	92.5	91.8	81.8	70.5	—	77.4	80.6	80.0	73.7	63.7	—	69.2
Illinois												
September 1996	101.0	100.3	92.3	81.5	—	89.4	90.8	90.4	85.6	74.4	—	81.8
August 1996	101.6	100.8	91.5	79.9	—	88.1	89.9	89.4	84.5	72.8	—	80.2
September 1995	92.8	92.1	83.7	69.9	—	79.7	81.6	80.8	76.2	63.4	—	71.7
Indiana												
September 1996	101.4	100.5	88.4	83.0	—	84.9	88.5	88.0	80.4	75.6	—	77.1
August 1996	98.8	97.9	86.3	81.1	—	82.9	85.6	85.2	78.2	73.8	—	75.1
September 1995	88.7	87.8	76.2	71.8	—	73.7	76.8	76.1	69.0	64.3	—	65.9
Iowa												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Kansas												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Kentucky												
September 1996	106.1	105.9	84.9	79.5	—	81.2	90.3	89.7	76.6	72.3	—	73.6
August 1996	103.7	103.4	85.3	77.1	—	79.4	89.2	88.6	75.1	70.2	—	71.7
September 1995	91.6	91.5	77.2	71.8	—	73.5	78.4	78.0	69.0	65.0	—	66.2
Michigan												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Minnesota												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—
Missouri												
September 1996	—	—	—	—	—	—	—	—	—	—	—	—
August 1996	—	—	—	—	—	—	—	—	—	—	—	—
September 1995	—	—	—	—	—	—	—	—	—	—	—	—

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												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Ohio												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Oklahoma												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee												
September 1996	-	W	-	-	-	-	-	W	-	-	-	-
August 1996	-	NA	-	-	-	-	-	NA	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin												
September 1996	86.9	86.2	76.8	72.4	-	74.3	94.7	94.5	83.3	76.3	-	80.1
August 1996	86.9	86.5	75.8	71.7	-	73.4	94.8	94.7	82.4	75.3	-	79.1
September 1995	78.3	78.0	66.3	61.5	-	63.8	86.7	86.7	71.5	64.8	-	69.5
PAD District III												
September 1996	75.5	75.3	71.0	64.6	61.6	66.1	86.2	85.9	76.8	68.7	-	72.9
August 1996	75.2	74.9	70.1	63.6	59.9	65.6	85.7	85.3	75.8	67.4	-	71.8
September 1995	69.0	68.8	64.8	57.4	54.2	59.5	80.2	79.8	71.1	61.6	-	66.1
Alabama												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Arkansas												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana												
September 1996	-	W	-	-	60.0	60.0	-	-	-	-	-	-
August 1996	-	W	-	-	W	W	-	-	-	-	-	-
September 1995	-	-	-	-	W	W	-	-	-	-	-	-
Mississippi												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Texas												
September 1996	75.5	75.3	71.0	64.6	62.4	66.6	86.2	85.9	76.8	68.7	-	72.9
August 1996	75.2	74.9	70.1	63.6	59.9	65.6	85.7	85.3	75.8	67.4	-	71.8
September 1995	69.0	68.8	64.8	57.4	54.4	59.7	80.2	79.8	71.1	61.6	-	66.1
PAD District IV												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Colorado												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-

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												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Ohio												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Oklahoma												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee												
September 1996	-	W	-	-	-	-	-	W	-	-	-	-
August 1996	-	NA	-	-	-	-	-	NA	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin												
September 1996	100.3	99.1	85.1	80.4	-	82.6	89.1	88.3	78.4	73.6	-	75.7
August 1996	101.6	100.9	83.7	79.7	-	81.6	89.2	88.7	77.4	72.9	-	74.9
September 1995	94.1	93.2	76.0	70.2	-	73.2	81.3	80.9	68.4	63.0	-	65.7
PAD District III												
September 1996	93.7	93.3	83.0	74.5	65.6	77.1	80.6	80.3	74.4	66.7	62.1	68.8
August 1996	93.2	92.8	82.2	73.0	W	76.1	80.2	79.9	73.5	65.7	61.2	68.3
September 1995	87.1	86.5	77.1	67.0	60.4	70.7	74.8	74.5	68.9	59.8	55.5	62.8
Alabama												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Arkansas												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana												
September 1996	-	-	-	-	W	W	-	W	-	-	60.1	60.1
August 1996	-	-	-	-	W	W	-	W	-	-	W	W
September 1995	-	-	-	-	-	-	-	-	-	-	W	W
Mississippi												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Texas												
September 1996	93.7	93.3	83.0	74.5	W	77.4	80.6	80.3	74.4	66.7	63.0	69.3
August 1996	93.2	92.8	82.2	73.0	W	76.6	80.2	79.9	73.5	65.7	61.0	68.4
September 1995	87.1	86.5	77.1	67.0	60.4	70.7	74.8	74.5	68.9	59.8	55.9	62.9
PAD District IV												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Colorado												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-

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												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Montana												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Utah												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
PAD District V												
September 1996	85.0	85.5	76.2	73.2	69.1	74.3	92.9	93.0	80.5	78.5	W	80.1
August 1996	91.1	91.0	81.0	73.9	67.0	76.9	99.1	98.6	85.3	80.2	W	84.4
September 1995	70.1	69.7	63.8	60.7	59.9	62.8	74.8	74.5	68.3	65.3	-	68.0
Alaska												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Arizona												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
California												
September 1996	85.0	85.5	76.2	73.2	69.1	74.3	92.9	93.0	80.5	78.5	W	80.1
August 1996	91.1	91.0	81.0	73.9	67.0	76.9	99.1	98.6	85.3	80.2	W	84.4
September 1995	70.1	69.7	63.8	60.7	59.9	62.8	74.8	74.5	68.3	65.3	-	68.0
Hawaii												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Oregon												
September 1996	-	-	W	W	-	W	-	-	-	W	-	W
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Washington												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-

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												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Montana												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Utah												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
PAD District V												
September 1996	102.6	102.6	89.0	85.0	77.0	87.0	88.6	89.0	79.3	75.0	70.2	77.2
August 1996	108.8	108.0	94.4	86.2	71.7	91.6	94.8	94.6	84.2	75.9	67.3	80.2
September 1995	87.5	86.8	77.6	71.1	W	76.6	74.5	74.0	67.8	62.6	60.1	66.4
Alaska												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Arizona												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
California												
September 1996	102.6	102.6	89.0	85.0	77.0	87.0	88.6	89.0	79.3	75.0	70.2	77.2
August 1996	108.8	108.0	94.4	86.2	71.7	91.6	94.8	94.6	84.2	75.9	67.3	80.2
September 1995	87.5	86.8	77.6	71.1	W	76.6	74.5	74.0	67.8	62.6	60.1	66.4
Hawaii												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Oregon												
September 1996	-	-	W	W	-	W	-	-	W	W	-	W
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Washington												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-

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												
September 1996	80.8	71.3	68.8	89.8	76.5	76.1	98.0	81.4	80.9	84.9	73.5	71.6
August 1996	81.2	71.3	68.3	90.6	77.5	76.1	98.3	81.7	80.3	85.4	73.6	71.1
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
PAD District I												
September 1996	76.9	65.8	67.9	87.4	69.7	74.7	96.3	74.4	80.9	82.6	67.7	71.7
August 1996	77.7	64.5	67.0	88.3	68.5	74.1	96.5	73.2	80.4	83.4	66.5	70.8
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
Subdistrict IA												
September 1996	84.3	69.7	72.0	94.7	W	79.3	103.4	W	83.3	90.2	71.4	75.1
August 1996	85.7	67.3	71.6	96.3	W	78.9	104.8	W	83.5	91.7	69.3	74.7
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
Connecticut												
September 1996	W	71.6	71.0	W	W	77.9	W	W	83.4	W	72.6	74.1
August 1996	W	W	70.9	W	W	77.2	W	W	83.4	W	69.6	74.2
September 1995	W	W	66.3	W	62.5	73.1	W	W	79.4	W	62.0	70.3
Maine												
September 1996	-	W	69.1	-	-	73.4	-	-	78.9	-	W	70.9
August 1996	-	W	68.4	-	-	72.6	-	-	78.3	-	W	70.4
September 1995	-	W	62.6	-	W	66.9	-	W	71.6	-	W	64.7
Massachusetts												
September 1996	86.2	69.3	73.8	95.8	W	82.7	105.4	W	84.0	92.0	71.3	77.1
August 1996	87.7	67.2	73.6	97.4	W	82.9	106.9	W	84.9	93.5	69.3	76.9
September 1995	83.5	60.9	68.4	94.5	W	76.5	101.7	W	80.7	90.1	63.7	72.6
New Hampshire												
September 1996	83.3	W	75.5	95.1	W	81.2	100.6	W	88.4	88.8	W	78.6
August 1996	84.7	W	75.9	96.7	W	81.4	102.6	W	88.8	90.4	W	79.0
September 1995	W	W	71.0	W	W	77.2	W	W	84.1	W	W	74.7
Rhode Island												
September 1996	79.4	69.6	71.2	88.6	W	76.5	97.2	W	82.2	84.6	70.4	74.0
August 1996	81.3	67.9	69.5	90.7	W	76.4	98.8	W	81.9	86.5	69.0	72.5
September 1995	79.7	W	64.2	89.7	W	72.2	95.1	-	76.6	85.6	63.1	67.9
Vermont												
September 1996	-	-	72.6	-	-	78.9	-	-	83.8	-	-	75.3
August 1996	-	-	71.8	-	-	78.0	-	-	83.2	-	-	74.5
September 1995	-	-	66.6	-	-	72.1	-	-	78.1	-	-	69.6
Subdistrict IB												
September 1996	78.1	69.5	69.3	87.5	72.9	77.0	96.9	78.7	82.7	83.5	71.4	73.5
August 1996	78.9	67.8	68.5	89.0	71.9	77.0	97.9	76.6	82.7	84.6	70.0	72.8
September 1995	75.4	60.8	62.6	86.4	64.5	70.0	95.0	70.7	76.8	81.8	62.7	67.2
Delaware												
September 1996	82.3	W	70.2	94.0	W	75.7	105.4	W	82.6	89.1	W	73.2
August 1996	85.1	W	70.3	97.1	W	75.9	108.3	W	82.8	91.9	W	73.4
September 1995	76.6	W	64.0	88.6	W	69.3	99.2	W	76.7	84.1	W	67.4
District of Columbia												
September 1996	-	65.4	79.4	-	W	83.3	-	74.8	91.1	-	67.8	85.3
August 1996	-	64.1	79.3	-	W	83.5	-	73.3	91.6	-	66.5	85.3
September 1995	-	57.9	67.8	-	W	71.5	-	69.5	78.9	-	61.1	73.9
Maryland												
September 1996	W	66.4	72.4	W	68.3	78.0	W	74.1	84.7	W	67.5	76.3
August 1996	W	65.2	72.3	W	67.5	78.3	W	73.6	85.2	W	66.7	76.3
September 1995	-	59.1	63.2	-	61.8	68.2	-	68.1	74.3	-	60.4	67.1
New Jersey												
September 1996	81.2	69.3	68.9	93.2	73.8	78.6	101.9	W	80.9	88.5	72.7	73.2
August 1996	83.6	68.0	68.0	95.6	W	79.5	104.3	76.6	82.1	90.8	71.6	72.4
September 1995	78.5	W	62.5	90.4	63.4	73.7	99.3	69.7	77.3	86.5	62.8	67.6
New York												
September 1996	76.3	71.2	70.5	85.7	74.4	79.8	95.0	81.8	86.7	81.3	72.8	75.9
August 1996	76.6	69.6	69.5	87.6	72.8	78.8	95.1	78.2	85.2	82.1	71.1	74.7
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
Pennsylvania												
September 1996	77.9	71.1	67.0	85.8	76.7	72.4	94.3	82.3	78.1	82.4	72.6	69.8
August 1996	78.4	68.8	66.4	86.5	75.4	72.1	95.0	79.8	77.9	82.9	70.2	69.3
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

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												
September 1996	75.5	64.2	65.6	86.6	68.1	72.2	95.2	72.7	78.4	81.3	66.0	69.2
August 1996	76.2	63.2	64.3	87.1	66.8	71.0	94.7	71.8	77.2	81.8	65.0	68.0
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
Florida												
September 1996	77.1	64.4	67.1	89.1	67.7	74.9	97.2	72.7	81.8	83.9	66.0	71.9
August 1996	77.2	63.4	65.8	88.9	66.2	73.4	97.1	71.1	80.4	83.8	65.0	70.4
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
Georgia												
September 1996	71.6	63.0	64.1	82.1	67.4	70.3	90.9	71.2	75.3	77.1	65.3	67.1
August 1996	72.9	62.2	62.9	83.3	66.8	69.3	91.8	71.4	74.2	78.3	64.6	65.9
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
North Carolina												
September 1996	73.5	63.5	64.2	83.4	W	69.2	92.1	72.4	75.1	78.2	64.9	67.0
August 1996	74.8	62.4	62.8	84.4	W	67.6	88.8	71.5	73.5	79.1	63.9	65.5
September 1995	64.6	55.0	55.0	73.9	W	59.9	80.8	W	65.7	69.5	56.5	58.1
South Carolina												
September 1996	70.4	63.7	64.2	80.6	W	69.4	89.4	72.5	75.1	74.9	65.6	66.8
August 1996	71.5	62.7	62.5	81.6	W	67.8	89.8	71.4	73.4	76.0	64.6	65.1
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
Virginia												
September 1996	79.7	64.7	67.4	90.9	W	73.6	98.2	73.8	80.0	85.2	66.7	71.0
August 1996	81.1	64.1	66.6	92.1	W	73.4	95.8	72.9	79.7	86.2	65.9	70.4
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
West Virginia												
September 1996	79.1	71.1	67.2	88.9	W	72.7	97.9	W	78.2	82.8	73.1	69.6
August 1996	80.1	68.6	65.6	89.4	73.7	70.8	98.0	78.3	76.2	83.7	70.8	68.1
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
PAD District II												
September 1996	80.3	71.9	68.4	89.0	77.4	75.6	96.0	80.1	78.8	83.4	73.3	70.3
August 1996	78.6	70.3	67.1	87.1	75.3	73.6	94.2	79.3	77.1	81.7	71.7	68.9
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
Illinois												
September 1996	84.2	69.5	70.9	94.1	W	83.2	99.9	W	84.6	88.2	74.1	74.5
August 1996	84.5	68.4	69.0	93.8	W	81.7	101.1	W	82.4	88.4	72.8	72.5
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
Indiana												
September 1996	75.3	72.5	66.9	83.7	W	74.0	89.9	W	78.1	78.5	72.8	69.1
August 1996	73.2	70.0	64.5	81.2	77.9	71.6	86.8	W	75.4	76.2	70.4	66.7
September 1995	69.3	62.3	57.1	76.7	W	64.3	82.9	W	68.4	72.7	63.0	59.7
Iowa												
September 1996	83.1	W	69.7	W	—	75.3	93.4	W	79.1	84.0	W	70.4
August 1996	80.2	W	69.4	W	—	74.6	90.1	W	78.2	81.1	W	70.0
September 1995	67.2	61.0	58.3	W	—	61.8	76.7	—	66.8	68.5	61.0	59.0
Kansas												
September 1996	80.0	73.3	67.7	89.3	—	76.4	95.8	W	76.3	82.2	73.5	68.5
August 1996	79.4	72.1	67.9	88.7	—	75.3	95.2	W	76.5	81.6	72.2	68.7
September 1995	68.3	56.5	57.0	77.7	—	63.9	83.9	63.1	65.2	70.7	57.3	57.8
Kentucky												
September 1996	84.6	69.2	67.4	93.8	80.3	73.0	101.8	75.7	76.7	88.4	70.4	69.5
August 1996	84.3	67.9	65.6	93.3	79.0	71.1	101.0	74.4	75.1	88.1	69.3	67.7
September 1995	73.4	W	58.0	84.2	W	64.2	90.2	79.9	68.1	78.1	W	60.7
Michigan												
September 1996	77.5	74.0	68.6	85.5	74.7	75.4	92.4	83.1	79.6	79.9	75.6	70.7
August 1996	74.8	71.1	66.3	82.7	72.1	72.7	89.2	80.5	76.9	77.2	72.7	68.3
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
Minnesota												
September 1996	94.7	79.2	72.9	101.8	W	82.8	108.8	W	82.4	96.7	79.5	74.1
August 1996	94.1	78.8	73.2	101.4	W	82.3	108.4	—	82.0	96.1	78.8	74.4
September 1995	75.8	59.2	61.0	84.1	W	68.6	89.8	—	69.6	78.1	59.3	62.1
Missouri												
September 1996	78.1	71.7	67.9	88.3	W	75.5	97.2	W	77.4	81.7	72.6	69.4
August 1996	77.6	70.9	67.4	87.5	W	74.6	96.3	77.3	76.8	81.1	71.7	68.9
September 1995	67.8	58.7	57.4	78.1	—	63.8	87.1	70.6	66.6	71.8	59.5	59.2

See footnotes at end of table.

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

Geographic Area Month	Regular			Midgrade			Premium			All Grades		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a	
Nebraska												
September 1996	80.0	W	69.8	88.1	—	77.0	93.9	—	78.4	81.2	W	70.4
August 1996	78.8	W	69.9	84.2	—	76.0	92.1	—	76.7	80.1	W	70.4
September 1995	70.3	59.3	58.5	78.4	—	62.5	83.5	—	67.4	71.9	59.3	59.2
North Dakota												
September 1996	W	W	72.7	W	—	W	W	—	82.8	W	W	73.5
August 1996	W	W	72.3	W	—	W	W	—	82.3	W	W	73.0
September 1995	79.3	W	61.3	W	—	W	W	—	73.0	80.7	W	62.2
Ohio												
September 1996	78.0	W	68.4	86.5	W	74.7	94.1	W	79.7	81.3	W	70.7
August 1996	74.6	W	65.9	83.2	W	72.3	90.6	W	77.0	78.0	W	68.2
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
Oklahoma												
September 1996	76.2	67.5	65.0	83.9	69.9	71.7	91.8	W	72.8	79.2	67.9	65.8
August 1996	74.4	67.6	64.7	82.1	69.5	71.2	90.1	73.6	72.6	77.5	68.4	65.6
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
South Dakota												
September 1996	88.0	W	72.4	W	—	W	98.8	—	83.3	88.5	W	73.1
August 1996	87.4	W	72.0	—	—	W	97.7	—	82.6	87.9	W	72.8
September 1995	W	W	61.0	W	—	W	88.1	—	72.6	79.3	W	61.8
Tennessee												
September 1996	78.6	64.0	64.3	90.0	69.8	70.0	96.4	71.9	75.3	84.2	65.8	67.3
August 1996	79.0	62.5	63.0	90.4	68.4	68.5	96.3	70.5	74.1	84.5	64.4	65.9
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
Wisconsin												
September 1996	83.0	69.9	69.1	91.0	W	76.0	96.9	—	78.5	85.3	70.0	70.6
August 1996	83.1	66.8	67.4	91.1	W	74.5	96.9	—	76.7	85.2	66.9	69.0
September 1995	75.6	60.1	58.9	83.9	W	65.1	90.7	W	68.9	78.4	60.3	60.7
PAD District III												
September 1996	76.5	64.8	63.0	87.0	64.9	69.9	94.5	73.1	73.5	81.4	66.1	65.0
August 1996	76.5	63.7	62.0	87.1	64.3	68.7	94.5	72.2	71.5	81.4	65.0	64.0
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
Alabama												
September 1996	72.4	61.4	64.1	82.4	64.8	69.4	90.2	71.1	74.9	77.8	63.6	67.0
August 1996	72.7	62.8	62.3	83.5	67.4	67.9	90.7	72.5	73.0	78.4	65.1	65.2
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
Arkansas												
September 1996	75.9	W	64.2	84.1	W	69.3	94.7	—	74.8	79.5	W	66.2
August 1996	76.6	66.3	63.3	86.1	W	67.8	95.5	—	73.4	80.4	66.1	65.2
September 1995	67.3	56.6	55.0	78.0	—	59.6	86.7	W	64.6	71.8	57.7	57.1
Louisiana												
September 1996	75.3	63.0	61.8	86.3	W	69.0	93.5	W	72.6	81.5	W	64.5
August 1996	75.6	62.6	61.5	86.8	W	68.0	93.6	W	72.2	81.8	W	64.4
September 1995	69.5	54.7	53.7	80.6	W	61.5	87.9	W	63.1	76.4	W	56.7
Mississippi												
September 1996	76.8	62.7	62.8	87.4	66.1	68.6	96.6	70.7	73.3	81.2	64.5	65.3
August 1996	76.9	61.4	61.5	87.5	64.8	67.0	96.4	70.1	70.5	81.3	63.2	63.7
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
New Mexico												
September 1996	87.2	74.8	74.4	95.6	—	79.4	106.7	W	84.3	90.2	76.2	75.9
August 1996	86.5	73.3	73.1	95.2	—	78.1	106.8	W	82.8	89.8	74.7	74.7
September 1995	77.2	66.5	64.9	84.2	—	69.5	94.9	W	74.7	79.9	67.1	66.4
Texas												
September 1996	75.9	65.6	62.3	87.0	64.6	70.0	94.4	74.1	72.5	81.0	66.7	64.1
August 1996	75.9	63.9	61.4	86.9	63.4	68.8	94.3	72.4	70.2	81.0	65.0	63.0
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
PAD District IV												
September 1996	84.4	76.0	77.2	96.6	80.6	82.2	105.8	85.7	87.3	90.2	78.6	79.3
August 1996	83.9	77.5	75.7	96.7	82.8	81.2	105.9	87.0	86.0	90.0	79.9	77.9
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
Colorado												
September 1996	83.7	W	72.7	96.8	—	78.0	105.9	W	81.8	89.6	75.1	74.7
August 1996	82.7	68.8	69.7	96.0	W	75.4	105.1	79.1	79.1	88.7	70.3	71.7
September 1995	73.9	W	63.1	88.2	—	68.7	96.1	W	71.6	80.6	71.4	65.1

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	
Idaho												
September 1996	87.4	W	81.0	96.0	W	85.5	102.2	W	91.1	89.8	W	82.6
August 1996	85.6	W	80.4	94.4	W	84.9	100.7	W	90.4	88.1	W	82.1
September 1995	75.8	65.3	67.0	81.0	W	70.9	87.6	W	76.6	78.3	66.9	69.0
Montana												
September 1996	W	W	81.0	W	—	W	W	W	94.0	W	W	83.3
August 1996	W	W	80.4	W	—	W	W	W	92.4	W	W	82.7
September 1995	W	W	68.7	W	—	73.2	W	W	78.4	W	W	70.7
Utah												
September 1996	85.7	75.7	78.8	95.9	80.6	84.4	105.8	85.6	89.0	91.9	78.5	81.5
August 1996	87.9	77.5	78.7	98.8	82.8	84.9	108.8	87.4	88.9	94.5	80.1	81.5
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
Wyoming												
September 1996	89.0	75.5	78.1	W	—	80.1	106.2	W	88.1	92.2	79.6	79.8
August 1996	89.3	73.0	75.7	W	—	79.1	106.7	W	85.6	92.8	77.0	77.6
September 1995	79.8	W	68.2	90.3	—	72.3	96.7	W	77.7	83.9	W	70.1
PAD District V												
September 1996	88.1	81.3	76.4	94.8	90.0	83.2	105.6	96.3	89.7	91.5	84.9	79.3
August 1996	93.7	85.4	78.3	100.9	96.4	87.2	111.5	102.1	93.6	97.3	89.4	81.7
September 1995	75.3	64.8	64.7	77.0	67.8	70.0	91.9	75.9	78.5	78.5	67.0	68.1
Alaska												
September 1996	120.7	W	88.2	W	—	108.9	134.9	W	104.5	121.3	W	90.4
August 1996	121.9	W	87.9	W	—	110.5	135.5	W	105.4	122.4	W	90.0
September 1995	108.6	W	79.4	W	—	91.0	119.0	W	90.5	109.5	W	80.8
Arizona												
September 1996	93.3	82.1	79.0	101.7	W	87.4	109.1	W	93.1	96.6	84.8	81.6
August 1996	99.2	83.5	79.7	107.5	W	89.9	114.5	102.6	93.2	102.5	86.0	82.5
September 1995	81.9	66.1	67.9	89.9	W	74.1	97.5	W	82.3	85.4	67.0	71.0
California												
September 1996	83.0	80.7	74.4	91.4	90.0	81.1	101.2	97.4	87.7	86.9	84.9	77.5
August 1996	89.7	86.0	77.3	98.5	96.8	86.2	108.2	104.6	92.9	93.9	90.6	80.9
September 1995	69.4	59.8	62.5	74.9	66.8	68.6	87.6	70.6	76.5	74.1	62.7	66.4
Hawaii												
September 1996	NA	NA	103.8	120.4	W	111.8	NA	W	117.6	NA	NA	108.9
August 1996	NA	NA	103.8	120.8	W	111.8	NA	W	117.7	NA	NA	108.8
September 1995	103.6	W	91.5	107.7	W	99.4	118.8	W	105.5	108.2	W	97.2
Nevada												
September 1996	85.0	W	76.4	90.9	—	82.1	102.3	—	88.8	88.4	W	79.0
August 1996	88.3	W	75.4	95.0	—	83.1	106.7	—	88.6	92.1	W	78.3
September 1995	67.4	69.6	63.1	W	W	69.1	83.3	—	75.8	70.8	69.9	66.1
Oregon												
September 1996	96.2	78.7	77.4	104.1	W	87.0	115.7	87.6	92.2	98.9	80.6	79.5
August 1996	99.1	78.0	78.1	107.4	W	87.7	118.7	90.0	92.6	101.9	80.5	80.3
September 1995	84.1	65.3	67.1	93.1	—	77.0	102.7	W	81.8	87.3	65.7	69.5
Washington												
September 1996	94.5	76.3	80.8	103.4	W	89.4	114.4	W	93.9	97.6	76.8	83.5
August 1996	96.8	78.1	80.9	105.6	W	89.9	116.4	W	94.7	100.0	79.9	83.6
September 1995	81.8	63.5	68.4	89.1	W	75.9	100.1	—	83.1	85.0	63.9	71.2

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						
September 1996	114.3	106.8	71.8	71.6	76.4	75.6
August 1996	114.4	107.1	65.1	64.5	69.5	66.6
September 1995	101.3	98.7	55.7	55.2	57.3	58.0
PAD District I						
September 1996	111.6	104.3	69.6	71.2	83.6	75.2
August 1996	112.0	104.5	62.1	64.0	74.6	66.4
September 1995	104.2	97.5	54.5	55.5	63.8	57.2
Subdistrict IA						
September 1996	W	107.6	72.5	75.7	87.2	72.1
August 1996	W	107.2	65.6	68.6	77.7	70.3
September 1995	W	W	57.8	59.0	64.7	58.3
Connecticut						
September 1996	W	106.2	70.8	73.1	W	W
August 1996	W	105.3	65.2	66.0	W	W
September 1995	W	W	57.5	59.1	W	W
Maine						
September 1996	W	W	W	83.0	—	81.9
August 1996	W	W	W	W	W	74.4
September 1995	W	W	W	64.9	W	58.3
Massachusetts						
September 1996	W	W	72.4	74.1	W	W
August 1996	W	107.0	W	67.6	W	W
September 1995	W	W	56.8	57.9	62.5	57.2
New Hampshire						
September 1996	W	W	W	W	W	W
August 1996	W	W	W	W	W	W
September 1995	W	W	W	69.2	W	W
Rhode Island						
September 1996	—	W	75.2	75.3	—	W
August 1996	—	W	66.8	67.5	—	W
September 1995	W	W	59.3	61.8	—	—
Vermont						
September 1996	W	W	81.1	W	—	W
August 1996	W	—	73.1	W	—	W
September 1995	W	W	65.5	W	—	W
Subdistrict IB						
September 1996	114.2	104.4	69.4	70.8	83.5	76.0
August 1996	114.0	103.3	61.8	63.5	74.5	65.3
September 1995	106.1	100.4	54.3	55.2	63.4	57.3
Delaware						
September 1996	W	W	72.1	W	—	—
August 1996	W	101.9	71.8	W	—	W
September 1995	W	W	W	W	—	—
District of Columbia						
September 1996	—	—	—	W	—	—
August 1996	W	—	—	W	—	—
September 1995	W	—	—	—	—	—
Maryland						
September 1996	W	W	69.7	70.5	W	W
August 1996	W	W	62.4	62.6	W	W
September 1995	W	W	54.0	55.6	58.8	57.2
New Jersey						
September 1996	W	105.0	69.2	70.2	W	72.7
August 1996	W	103.4	61.3	62.8	W	63.3
September 1995	W	101.5	53.9	54.6	W	55.0
New York						
September 1996	W	104.6	70.3	73.2	W	78.4
August 1996	W	105.0	62.9	65.9	W	68.6
September 1995	W	W	56.4	57.8	W	58.7
Pennsylvania						
September 1996	112.2	103.5	69.3	70.2	88.8	76.9
August 1996	112.0	102.6	62.6	62.9	82.3	68.0
September 1995	103.9	NA	54.1	54.8	80.0	59.0

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Subdistrict IC						
September 1996	109.2	103.6	69.1	71.6	83.9	75.5
August 1996	108.7	104.3	61.9	64.5	74.0	67.7
September 1995	101.7	94.8	54.3	55.5	NA	56.8
Florida						
September 1996	105.7	100.5	69.4	73.0	NA	74.5
August 1996	105.3	100.8	62.0	65.3	NA	68.8
September 1995	99.0	95.2	55.1	58.6	NA	58.1
Georgia						
September 1996	109.6	103.3	67.9	70.0	NA	75.6
August 1996	109.6	105.7	60.9	62.9	W	69.0
September 1995	100.4	93.5	52.7	53.5	NA	56.5
North Carolina						
September 1996	W	108.7	68.7	70.9	W	75.1
August 1996	W	107.7	62.2	63.3	W	67.0
September 1995	104.4	95.3	54.5	55.7	W	56.3
South Carolina						
September 1996	W	110.9	74.1	75.9	87.3	75.6
August 1996	W	109.8	66.6	70.9	75.6	67.3
September 1995	102.2	95.0	59.3	62.3	NA	56.7
Virginia						
September 1996	W	107.7	69.5	72.8	W	75.7
August 1996	W	104.6	62.1	65.3	W	67.8
September 1995	W	W	54.4	57.6	W	57.0
West Virginia						
September 1996	W	W	W	76.9	88.2	79.7
August 1996	W	W	W	W	78.6	W
September 1995	W	99.5	W	W	73.6	64.3
PAD District II						
September 1996	107.8	99.6	70.6	72.6	W	77.6
August 1996	107.4	100.2	63.3	66.6	67.3	69.9
September 1995	89.6	95.7	55.3	57.1	W	59.7
Illinois						
September 1996	W	W	69.1	72.0	97.5	74.8
August 1996	W	W	62.0	66.3	W	63.9
September 1995	W	W	53.9	56.8	NA	58.9
Indiana						
September 1996	W	106.5	71.1	70.9	W	78.5
August 1996	W	105.2	64.1	68.1	W	71.8
September 1995	W	97.9	53.7	54.3	W	NA
Iowa						
September 1996	W	W	75.3	77.2	—	86.0
August 1996	W	W	69.7	69.5	—	78.1
September 1995	W	W	59.0	63.3	—	67.8
Kansas						
September 1996	W	102.5	W	76.1	—	79.0
August 1996	W	102.4	W	65.7	—	W
September 1995	W	93.0	W	W	—	72.2
Kentucky						
September 1996	W	88.5	70.6	W	NA	78.7
August 1996	W	W	62.8	W	NA	71.4
September 1995	102.5	97.1	58.2	55.4	W	61.8
Michigan						
September 1996	W	W	70.7	72.5	95.8	76.0
August 1996	104.9	90.2	64.2	65.4	W	73.2
September 1995	W	W	55.8	57.0	111.2	62.5
Minnesota						
September 1996	W	W	70.9	NA	W	84.5
August 1996	W	W	62.3	66.2	W	76.2
September 1995	W	W	55.9	58.4	W	67.0
Missouri						
September 1996	W	103.7	72.5	76.9	—	80.1
August 1996	W	103.7	65.7	69.6	—	71.2
September 1995	93.0	95.4	56.3	61.1	—	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						
September 1996	W	W	71.8	76.9	—	W
August 1996	W	W	64.6	70.0	—	W
September 1995	W	94.2	56.6	62.6	—	70.7
North Dakota						
September 1996	W	W	78.8	82.5	—	W
August 1996	W	W	73.7	75.5	—	W
September 1995	W	W	62.9	66.5	—	W
Ohio						
September 1996	W	99.1	70.9	71.5	NA	79.0
August 1996	W	97.9	63.8	64.3	NA	70.3
September 1995	W	93.8	55.9	56.2	NA	60.6
Oklahoma						
September 1996	W	102.3	70.7	71.9	—	71.5
August 1996	W	101.3	63.5	70.0	—	68.5
September 1995	W	91.7	58.1	55.9	—	66.8
South Dakota						
September 1996	W	W	76.9	76.7	—	86.8
August 1996	W	W	70.1	71.0	—	W
September 1995	W	W	63.5	W	—	69.2
Tennessee						
September 1996	109.5	105.0	69.4	72.8	W	77.0
August 1996	109.8	105.1	61.7	66.2	W	70.0
September 1995	100.4	94.5	54.4	58.6	NA	57.3
Wisconsin						
September 1996	W	W	70.2	74.6	W	81.0
August 1996	W	W	63.1	68.8	—	76.8
September 1995	W	W	56.1	58.2	W	62.9
PAD District III						
September 1996	104.3	98.0	67.9	68.2	82.5	70.2
August 1996	103.4	96.8	60.7	61.1	78.0	63.0
September 1995	95.8	89.1	52.5	52.8	W	53.6
Alabama						
September 1996	W	103.0	69.7	73.2	W	79.0
August 1996	108.1	99.7	62.4	61.7	W	73.6
September 1995	98.5	96.0	57.1	58.9	W	59.3
Arkansas						
September 1996	W	W	75.1	73.9	—	W
August 1996	W	W	67.7	67.4	—	W
September 1995	W	94.2	59.5	60.2	—	54.1
Louisiana						
September 1996	105.0	101.2	68.2	67.4	W	69.6
August 1996	104.1	101.3	60.2	59.9	W	63.5
September 1995	W	95.3	52.9	52.3	W	52.0
Mississippi						
September 1996	W	W	67.1	67.1	W	77.0
August 1996	W	102.0	59.6	59.1	W	W
September 1995	W	88.6	51.1	52.6	W	W
New Mexico						
September 1996	W	W	74.7	74.5	—	—
August 1996	W	W	67.3	66.4	—	W
September 1995	W	W	56.5	55.8	—	86.5
Texas						
September 1996	101.5	96.0	67.6	68.4	W	70.0
August 1996	101.5	94.0	60.7	61.5	W	65.4
September 1995	93.4	86.1	52.2	52.8	W	58.7
PAD District IV						
September 1996	113.6	105.6	80.1	84.4	—	87.4
August 1996	113.9	106.4	75.1	75.0	—	81.8
September 1995	102.7	98.9	63.9	65.4	—	73.1
Colorado						
September 1996	108.6	103.7	72.2	74.5	—	84.3
August 1996	109.1	103.6	65.1	68.3	—	77.1
September 1995	98.1	98.8	56.6	60.4	—	71.6

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Idaho						
September 1996	W	W	W	88.1	—	W
August 1996	W	W	W	81.7	—	W
September 1995	W	W	W	70.6	—	W
Montana						
September 1996	W	W	78.4	80.7	—	W
August 1996	W	W	76.1	77.3	—	—
September 1995	W	W	72.9	73.0	—	73.4
Utah						
September 1996	W	104.8	87.6	88.1	—	W
August 1996	110.5	106.2	83.5	84.3	—	W
September 1995	W	96.7	70.2	74.6	—	W
Wyoming						
September 1996	W	103.3	81.9	W	—	—
August 1996	W	W	78.0	W	—	—
September 1995	W	W	76.0	W	—	W
PAD District V						
September 1996	128.6	120.6	76.3	76.0	W	89.1
August 1996	130.8	120.4	70.3	69.8	W	78.6
September 1995	120.6	105.9	58.0	58.7	W	68.6
Alaska						
September 1996	W	132.9	78.5	80.8	—	—
August 1996	W	W	72.1	71.7	—	W
September 1995	W	117.2	62.1	60.2	—	W
Arizona						
September 1996	113.7	110.1	77.6	77.1	—	—
August 1996	112.4	110.6	70.6	72.7	—	W
September 1995	102.2	100.6	59.8	62.3	—	—
California						
September 1996	123.0	114.9	75.4	76.1	W	80.1
August 1996	124.1	115.7	69.8	69.4	W	77.4
September 1995	107.3	100.1	56.7	57.6	W	63.4
Hawaii						
September 1996	W	W	80.2	W	—	—
August 1996	W	W	74.0	W	—	—
September 1995	W	W	61.3	58.8	—	—
Nevada						
September 1996	W	106.4	78.6	80.1	—	—
August 1996	W	107.0	72.2	74.6	—	—
September 1995	W	105.1	60.0	61.2	—	W
Oregon						
September 1996	W	W	79.1	81.7	—	NA
August 1996	W	W	72.8	75.0	—	NA
September 1995	W	W	58.8	62.3	—	72.7
Washington						
September 1996	W	W	75.2	79.5	—	93.6
August 1996	W	W	68.4	74.1	—	76.7
September 1995	W	W	57.5	60.7	—	69.1

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						
September 1996	77.5	83.3	72.8	71.0	58.5	57.2
August 1996	71.0	76.7	66.4	64.3	52.5	54.7
September 1995	64.5	68.3	57.3	54.8	49.9	43.5
PAD District I						
September 1996	82.4	74.8	72.0	69.2	63.7	57.4
August 1996	74.0	69.9	65.3	62.4	58.7	55.0
September 1995	66.3	58.3	55.8	52.7	49.9	43.9
Subdistrict IA						
September 1996	W	82.7	71.6	69.5	W	W
August 1996	W	75.8	65.2	63.3	W	W
September 1995	W	W	57.9	52.4	W	W
Connecticut						
September 1996	-	W	72.7	69.6	W	W
August 1996	-	W	64.9	63.8	W	W
September 1995	-	W	55.7	51.7	W	W
Maine						
September 1996	-	W	70.1	70.4	-	-
August 1996	-	W	64.2	63.6	-	-
September 1995	-	W	54.1	53.1	-	-
Massachusetts						
September 1996	-	-	71.0	69.8	W	W
August 1996	-	-	65.2	62.8	W	W
September 1995	-	-	59.0	52.6	W	W
New Hampshire						
September 1996	W	-	76.4	69.5	W	-
August 1996	W	-	71.9	65.0	-	-
September 1995	W	-	60.1	53.8	-	-
Rhode Island						
September 1996	-	W	73.7	68.6	-	-
August 1996	-	W	67.4	63.0	-	-
September 1995	-	W	61.5	52.6	-	-
Vermont						
September 1996	-	W	63.3	66.7	W	-
August 1996	-	-	59.5	62.8	W	-
September 1995	-	W	56.3	54.3	W	-
Subdistrict IB						
September 1996	83.5	73.9	73.3	69.0	W	60.4
August 1996	W	67.8	66.4	61.9	W	55.8
September 1995	62.9	57.2	57.1	52.7	W	47.0
Delaware						
September 1996	-	-	71.8	W	W	-
August 1996	-	-	65.8	W	W	-
September 1995	-	-	57.2	W	W	-
District of Columbia						
September 1996	-	-	W	71.3	W	-
August 1996	-	-	W	65.7	W	-
September 1995	-	-	W	52.4	-	-
Maryland						
September 1996	W	W	70.8	69.8	W	W
August 1996	W	W	64.1	63.7	W	W
September 1995	W	W	53.8	53.2	W	W
New Jersey						
September 1996	-	W	72.3	68.0	W	58.7
August 1996	-	W	65.7	60.6	W	54.1
September 1995	-	-	55.3	51.7	48.3	46.4
New York						
September 1996	W	W	74.5	69.8	W	61.2
August 1996	W	71.1	68.5	62.8	W	56.4
September 1995	W	53.9	59.4	54.3	W	47.4
Pennsylvania						
September 1996	W	W	74.1	69.7	W	-
August 1996	-	72.3	66.6	62.7	W	-
September 1995	W	60.3	58.0	52.9	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						
September 1996	W	76.1	71.2	69.4	61.2	W
August 1996	W	W	64.8	62.7	W	W
September 1995	W	W	54.9	52.9	W	W
Florida						
September 1996	—	—	71.1	69.6	W	—
August 1996	—	—	64.7	63.0	W	—
September 1995	—	—	55.1	53.2	W	—
Georgia						
September 1996	—	—	70.8	69.0	W	—
August 1996	—	—	64.2	62.3	—	—
September 1995	—	W	54.8	52.6	W	—
North Carolina						
September 1996	—	W	71.6	69.2	W	—
August 1996	—	W	65.2	62.6	W	—
September 1995	—	—	53.8	52.7	W	—
South Carolina						
September 1996	—	—	72.6	69.4	—	—
August 1996	—	—	65.9	62.9	—	—
September 1995	—	—	56.5	52.9	W	—
Virginia						
September 1996	—	W	70.0	69.4	W	W
August 1996	—	—	64.0	62.5	W	W
September 1995	—	—	53.7	52.8	W	W
West Virginia						
September 1996	W	W	73.1	71.6	—	—
August 1996	W	W	65.8	64.9	—	—
September 1995	W	W	56.8	54.3	W	—
PAD District II						
September 1996	79.9	81.3	72.2	71.9	62.3	W
August 1996	73.0	75.5	66.0	65.8	59.2	—
September 1995	60.2	62.3	56.7	55.5	W	W
Illinois						
September 1996	W	78.7	72.5	70.4	—	—
August 1996	W	75.4	67.4	63.4	—	—
September 1995	W	58.6	55.0	52.7	—	—
Indiana						
September 1996	W	77.2	71.0	71.0	W	—
August 1996	W	71.5	63.9	64.8	—	—
September 1995	64.4	58.5	55.9	53.6	W	W
Iowa						
September 1996	W	81.9	75.8	74.2	—	—
August 1996	W	74.9	71.1	69.0	—	—
September 1995	63.8	62.1	57.2	58.1	—	—
Kansas						
September 1996	W	77.1	77.9	72.4	—	—
August 1996	W	70.9	72.2	66.7	—	—
September 1995	63.1	60.1	57.3	56.6	—	—
Kentucky						
September 1996	W	W	72.0	70.2	W	—
August 1996	—	W	65.7	63.8	W	—
September 1995	W	W	56.6	53.9	W	—
Michigan						
September 1996	W	79.6	72.7	72.0	—	—
August 1996	W	75.9	67.2	66.1	—	—
September 1995	W	60.2	55.0	54.7	—	—
Minnesota						
September 1996	W	83.2	76.0	75.3	—	W
August 1996	W	78.4	70.7	69.8	—	—
September 1995	W	64.1	58.0	59.5	W	—
Missouri						
September 1996	W	80.2	74.9	71.4	—	—
August 1996	W	73.7	69.1	65.7	—	—
September 1995	W	62.7	56.8	55.5	—	—

See footnotes at end of table.

Table 37. Refiner Prices of Distillate Fuels by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Nebraska						
September 1996	83.0	80.5	76.6	73.7	—	—
August 1996	W	77.9	70.7	67.5	—	—
September 1995	W	62.6	59.0	58.9	—	—
North Dakota						
September 1996	W	86.5	W	77.9	—	—
August 1996	W	80.6	W	72.4	—	—
September 1995	W	66.6	W	61.8	—	—
Ohio						
September 1996	W	78.2	74.1	72.0	W	—
August 1996	79.0	70.6	67.3	65.2	W	—
September 1995	W	59.7	58.6	55.7	W	—
Oklahoma						
September 1996	W	78.1	65.3	70.3	—	—
August 1996	W	71.6	60.8	65.0	—	—
September 1995	—	57.2	56.4	55.7	—	—
South Dakota						
September 1996	W	83.8	W	76.4	—	—
August 1996	W	77.7	W	70.7	—	—
September 1995	W	65.9	W	60.6	—	—
Tennessee						
September 1996	—	—	70.9	69.3	W	—
August 1996	—	—	64.1	62.7	W	—
September 1995	—	W	54.4	52.4	W	—
Wisconsin						
September 1996	80.9	79.9	73.7	71.7	W	—
August 1996	W	74.1	67.9	66.3	W	—
September 1995	W	60.0	56.4	54.8	—	—
PAD District III						
September 1996	—	72.8	69.2	66.7	—	W
August 1996	—	W	63.4	60.6	W	W
September 1995	—	60.1	54.7	51.3	W	W
Alabama						
September 1996	—	—	70.1	68.7	—	—
August 1996	—	—	63.4	61.6	—	—
September 1995	—	—	53.9	52.0	—	—
Arkansas						
September 1996	—	—	72.9	68.4	—	—
August 1996	—	—	67.0	62.7	—	—
September 1995	—	—	56.3	52.3	—	—
Louisiana						
September 1996	—	W	66.8	65.6	—	—
August 1996	—	W	60.5	58.7	—	W
September 1995	—	—	52.2	49.6	—	W
Mississippi						
September 1996	—	—	70.1	65.5	—	W
August 1996	—	—	63.1	59.6	W	W
September 1995	—	—	53.5	51.1	W	W
New Mexico						
September 1996	—	83.4	71.5	73.3	—	—
August 1996	—	75.2	69.2	66.8	—	—
September 1995	—	73.7	64.5	62.8	—	—
Texas						
September 1996	—	W	69.4	66.5	—	—
August 1996	—	W	63.8	60.8	—	—
September 1995	—	59.4	55.0	51.2	—	—
PAD District IV						
September 1996	87.2	89.0	77.8	79.2	W	—
August 1996	84.1	78.9	70.9	71.0	W	—
September 1995	78.8	74.6	65.3	66.7	W	—
Colorado						
September 1996	W	82.5	73.8	74.1	—	—
August 1996	—	73.9	68.6	66.5	—	—
September 1995	—	67.9	60.4	61.4	—	—

See footnotes at end of table.

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

Geographic Area Month	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Idaho						
September 1996	W	95.5	81.1	85.1	-	-
August 1996	-	88.3	71.0	75.6	-	-
September 1995	W	80.7	68.8	72.6	-	-
Montana						
September 1996	W	88.6	71.2	79.2	-	-
August 1996	W	79.9	66.5	71.3	-	-
September 1995	W	75.5	61.7	66.4	-	-
Utah						
September 1996	W	95.7	82.9	82.6	W	-
August 1996	-	88.3	75.2	73.4	W	-
September 1995	W	80.7	71.0	71.3	W	-
Wyoming						
September 1996	90.1	85.8	78.8	77.8	-	-
August 1996	W	77.8	70.7	70.5	-	-
September 1995	78.2	73.5	67.1	65.0	-	-
PAD District V						
September 1996	71.8	87.4	78.4	78.7	W	59.4
August 1996	W	80.3	71.1	69.2	W	58.9
September 1995	81.0	NA	61.9	61.1	W	44.3
Alaska						
September 1996	W	86.3	75.9	76.9	W	W
August 1996	W	82.6	75.5	67.5	W	W
September 1995	NA	NA	70.4	56.9	W	W
Arizona						
September 1996	-	-	78.1	73.2	-	-
August 1996	-	-	73.2	68.9	-	-
September 1995	-	W	62.9	57.4	-	-
California						
September 1996	W	W	77.7	77.8	-	W
August 1996	-	W	72.0	71.5	-	W
September 1995	-	W	62.0	62.3	-	W
Hawaii						
September 1996	-	-	W	NA	-	-
August 1996	-	W	W	NA	-	-
September 1995	-	W	W	74.2	-	-
Nevada						
September 1996	W	-	82.5	78.6	-	-
August 1996	W	-	75.5	72.1	-	-
September 1995	W	W	65.2	62.6	-	-
Oregon						
September 1996	W	97.0	85.5	82.2	-	-
August 1996	W	NA	69.3	68.2	-	-
September 1995	W	69.9	59.8	60.8	-	-
Washington						
September 1996	W	94.1	83.0	81.2	W	W
August 1996	W	80.9	66.1	63.9	-	W
September 1995	W	71.7	59.1	58.8	-	W

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								
September 1996	90.0	85.0	71.7	69.1	43.8	71.2	78.2	45.8
August 1996	85.6	81.0	66.1	64.8	36.9	70.8	75.7	39.6
September 1995	81.0	76.0	61.1	74.4	31.8	62.3	71.1	34.8
PAD District I								
September 1996	111.0	88.8	69.5	69.0	W	74.5	94.7	51.9
August 1996	110.3	83.7	62.9	62.5	W	70.0	87.4	44.3
September 1995	106.7	82.2	61.9	71.3	W	67.3	89.3	39.7
Subdistrict IA								
September 1996	125.0	93.7	62.4	70.1	—	NA	107.5	56.6
August 1996	123.3	90.8	58.0	66.0	—	102.8	101.1	50.9
September 1995	117.4	86.8	57.2	NA	—	95.6	98.7	46.6
Subdistrict IB								
September 1996	120.1	94.2	64.7	72.2	—	72.3	102.1	52.4
August 1996	121.3	92.3	61.3	65.1	—	75.5	99.5	43.7
September 1995	115.5	87.0	58.5	70.4	—	85.9	97.6	38.6
Subdistrict IC								
September 1996	101.2	84.0	76.7	66.0	W	73.1	87.8	51.0
August 1996	98.3	78.7	66.2	W	W	68.6	79.4	44.0
September 1995	97.4	78.4	67.3	W	W	62.3	82.1	39.5
PAD District II								
September 1996	78.1	76.4	78.5	66.6	48.3	65.2	74.8	45.6
August 1996	73.7	74.1	79.6	65.2	W	63.3	72.3	40.3
September 1995	68.6	63.6	71.3	78.0	W	55.9	65.1	35.9
PAD District III								
September 1996	91.9	82.5	67.9	71.9	43.5	72.1	61.9	43.6
August 1996	87.8	78.1	59.6	65.5	36.4	69.3	60.1	37.6
September 1995	81.9	73.0	51.1	70.3	31.5	65.3	57.8	32.0
PAD District IV								
September 1996	78.3	79.6	56.8	65.1	—	74.8	75.3	43.5
August 1996	71.3	76.4	46.9	64.2	—	76.0	69.6	36.6
September 1995	68.4	67.0	44.2	66.0	—	69.3	65.6	32.8
PAD District V								
September 1996	99.0	98.0	72.1	W	—	NA	93.4	49.2
August 1996	96.2	93.0	62.7	W	—	NA	89.7	40.5
September 1995	93.4	85.8	59.1	W	—	100.8	85.7	40.4

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							
September 1996	94.5	76.0	82.2	81.6	84.1	81.2	71.3
August 1996	88.0	69.6	75.9	75.8	77.7	74.4	64.8
September 1995	82.3	60.0	65.2	67.9	69.1	66.1	55.3
PAD District I							
September 1996	94.5	74.6	79.9	79.3	78.6	81.1	69.4
August 1996	88.2	68.4	73.6	73.7	72.5	73.9	62.8
September 1995	82.7	59.4	62.6	66.4	64.5	66.9	53.2
Subdistrict IA							
September 1996	93.4	78.4	84.8	88.2	80.4	86.9	69.7
August 1996	86.8	71.8	78.7	85.1	73.8	79.3	63.5
September 1995	79.7	63.5	67.4	73.6	64.2	72.0	52.4
Connecticut							
September 1996	92.5	76.5	78.3	89.2	91.1	86.5	68.1
August 1996	84.0	71.5	71.7	86.7	84.7	78.9	62.6
September 1995	79.2	63.8	59.0	76.9	70.9	72.3	50.1
Maine							
September 1996	95.2	82.6	80.0	86.5	81.0	87.6	71.7
August 1996	89.4	76.2	73.4	83.1	75.3	80.7	65.2
September 1995	76.2	66.4	64.9	73.1	65.7	71.0	55.2
Massachusetts							
September 1996	92.9	77.6	92.0	90.8	73.9	86.3	70.1
August 1996	89.0	69.7	85.6	86.8	66.8	77.9	63.7
September 1995	81.7	61.7	75.4	75.8	59.1	72.0	52.9
New Hampshire							
September 1996	92.0	78.4	79.6	87.8	81.1	86.6	69.6
August 1996	85.2	72.9	68.2	85.4	75.9	80.5	63.9
September 1995	73.8	62.2	NA	71.6	65.2	69.5	52.6
Rhode Island							
September 1996	96.5	81.3	77.9	83.1	74.3	88.4	69.1
August 1996	88.3	74.2	71.9	80.5	70.5	81.0	63.1
September 1995	84.9	65.6	63.5	69.2	NA	73.9	52.5
Vermont							
September 1996	94.3	78.7	85.2	86.8	91.8	88.5	72.8
August 1996	89.0	74.4	76.8	84.2	85.6	82.5	67.2
September 1995	82.5	68.1	66.9	73.2	77.2	76.5	58.4
Subdistrict IB							
September 1996	95.5	75.1	82.6	80.6	80.3	83.4	69.1
August 1996	88.7	69.1	75.9	75.2	75.0	76.2	62.2
September 1995	85.1	59.9	66.0	67.2	65.9	69.6	53.1
Delaware							
September 1996	95.6	71.3	85.1	79.1	78.5	80.8	69.2
August 1996	91.0	64.5	75.9	75.2	74.5	74.1	62.0
September 1995	82.4	57.0	72.8	64.4	65.8	67.4	51.8
District of Columbia							
September 1996	106.2	73.7	NA	W	75.7	78.6	69.1
August 1996	99.2	66.9	W	W	W	71.8	64.5
September 1995	86.1	56.3	W	W	60.2	58.6	52.1
Maryland							
September 1996	99.9	73.5	76.8	78.2	78.0	79.0	70.4
August 1996	93.6	67.0	69.8	74.5	74.2	72.1	64.2
September 1995	85.5	58.1	60.3	64.5	63.8	64.0	54.4
New Jersey							
September 1996	97.0	71.2	86.9	79.7	75.3	82.1	67.5
August 1996	90.4	67.0	80.0	75.5	68.7	75.3	60.3
September 1995	83.9	56.5	71.2	66.8	59.4	65.7	51.7
New York							
September 1996	99.1	79.8	80.4	86.9	81.5	89.3	69.7
August 1996	93.5	73.6	74.8	83.5	77.0	82.6	63.0
September 1995	90.5	65.5	62.8	75.3	68.0	78.3	54.4

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							
September 1996	89.9	75.4	81.8	78.9	81.5	81.2	70.3
August 1996	82.0	68.4	75.1	71.9	75.3	73.4	63.5
September 1995	77.2	59.6	66.0	64.6	66.5	66.2	53.8
Subdistrict IC							
September 1996	92.9	72.9	77.0	77.8	77.6	76.8	69.7
August 1996	89.0	66.7	71.1	72.0	71.5	70.5	63.2
September 1995	80.3	57.5	60.1	65.2	64.1	62.6	53.7
Virginia							
September 1996	92.7	74.7	75.8	76.6	72.1	77.1	70.0
August 1996	89.2	69.1	71.1	69.6	69.3	71.1	63.2
September 1995	81.6	60.4	62.8	65.2	63.0	65.0	53.7
West Virginia							
September 1996	94.9	76.1	80.2	81.2	79.2	80.1	72.9
August 1996	88.9	69.0	72.7	75.9	69.9	72.6	66.2
September 1995	76.1	58.1	62.0	69.5	62.3	62.4	55.3
PAD District II							
September 1996	92.0	74.1	81.2	80.4	86.7	79.8	72.3
August 1996	85.8	68.6	75.9	74.4	81.0	73.7	66.3
September 1995	79.3	58.7	65.0	66.0	72.4	65.3	56.0
Illinois							
September 1996	87.2	76.3	86.1	82.2	86.3	81.4	70.6
August 1996	83.0	72.3	80.1	76.4	76.6	75.6	64.1
September 1995	75.6	60.7	71.8	67.7	72.8	67.5	53.6
Indiana							
September 1996	92.9	72.0	82.0	79.6	89.9	77.3	71.1
August 1996	87.5	65.1	76.6	73.3	83.5	70.8	64.8
September 1995	80.9	57.2	62.9	65.2	76.5	64.0	54.0
Michigan							
September 1996	97.9	77.5	75.6	80.7	82.5	80.6	72.7
August 1996	91.8	72.3	71.5	75.2	78.3	74.8	67.0
September 1995	84.5	59.7	61.7	67.2	67.9	65.4	55.8
Minnesota							
September 1996	92.0	78.1	84.3	86.2	89.2	85.7	75.6
August 1996	86.1	71.8	79.1	81.7	85.0	79.9	70.1
September 1995	79.5	61.2	67.7	69.4	77.1	70.5	59.8
Ohio							
September 1996	92.8	73.6	79.1	80.5	85.2	78.6	72.9
August 1996	82.2	67.3	73.7	73.6	78.6	71.6	66.2
September 1995	77.5	57.8	64.1	65.0	71.3	63.4	56.2
Wisconsin							
September 1996	91.2	77.1	77.8	81.9	85.2	81.0	72.8
August 1996	87.8	73.4	72.4	76.3	81.7	76.3	66.9
September 1995	80.7	61.6	60.7	66.2	73.0	66.7	56.3
PAD District III							
September 1996	84.0	70.2	75.7	78.1	78.3	74.8	67.5
August 1996	75.7	63.9	69.1	72.9	71.6	68.5	61.6
September 1995	66.9	55.0	59.0	65.0	62.2	59.5	52.3
PAD District IV							
September 1996	98.7	80.2	88.4	88.0	91.8	86.3	80.8
August 1996	88.7	73.2	83.0	81.7	87.5	80.1	72.7
September 1995	87.6	67.2	76.2	77.3	80.1	73.9	67.9
Idaho							
September 1996	101.3	88.8	92.6	97.1	93.9	93.8	85.9
August 1996	98.2	77.2	88.1	89.3	90.8	86.7	77.1
September 1995	86.4	74.8	78.1	84.2	82.2	80.4	72.9

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							
September 1996	105.5	87.0	90.8	93.7	90.4	90.0	79.4
August 1996	94.0	78.8	81.8	86.6	82.4	81.7	70.1
September 1995	87.7	67.5	72.9	78.1	73.5	71.9	61.7
Alaska							
September 1996	95.6	96.9	87.6	NA	100.8	96.4	79.4
August 1996	91.6	91.1	83.4	110.8	96.7	91.6	69.2
September 1995	83.2	80.8	69.0	NA	83.3	80.5	60.1
Oregon							
September 1996	109.6	89.9	92.7	94.1	90.9	92.1	81.9
August 1996	94.0	76.6	81.0	80.2	78.4	78.7	68.4
September 1995	87.1	65.8	71.1	75.6	71.1	70.4	61.1
Washington							
September 1996	115.6	87.5	89.9	96.4	98.0	92.0	81.6
August 1996	99.8	74.9	80.3	83.4	86.2	78.5	64.5
September 1995	95.5	65.9	71.2	76.0	74.9	70.1	59.4

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						
September 1996	76.2	82.7	81.6	84.3	80.1	72.2
August 1996	69.7	76.3	75.8	78.0	73.8	65.6
September 1995	60.0	65.9	67.9	69.4	64.8	56.3
PAD District I						
September 1996	74.0	81.0	79.3	78.7	77.1	70.3
August 1996	68.0	74.6	73.7	72.7	71.2	63.6
September 1995	58.6	63.8	66.4	64.4	62.4	54.3
Subdistrict IA						
September 1996	77.8	92.9	88.2	82.4	82.1	71.5
August 1996	71.5	87.2	85.1	76.6	76.3	65.1
September 1995	63.1	71.7	73.6	64.6	66.3	55.0
Connecticut						
September 1996	76.4	79.4	89.2	91.6	79.5	71.3
August 1996	71.3	72.9	86.7	87.2	74.4	64.0
September 1995	63.5	58.5	76.9	72.2	64.9	53.6
Maine						
September 1996	84.2	81.4	86.5	80.5	83.7	72.9
August 1996	78.8	78.0	83.1	75.2	79.2	66.1
September 1995	68.3	69.3	73.1	65.8	69.2	56.1
Massachusetts						
September 1996	76.7	109.6	90.8	81.4	82.5	71.9
August 1996	69.1	102.1	86.8	71.2	74.7	65.0
September 1995	61.1	85.9	75.8	60.2	65.4	55.3
New Hampshire						
September 1996	79.6	89.8	87.8	81.4	84.5	71.7
August 1996	74.4	81.4	85.4	76.7	80.3	66.2
September 1995	64.1	71.5	71.6	65.9	68.6	55.0
Rhode Island						
September 1996	81.1	74.0	83.1	74.4	78.2	68.7
August 1996	74.6	70.2	80.5	73.2	74.7	64.2
September 1995	66.4	W	69.2	56.0	61.2	54.6
Vermont						
September 1996	77.3	85.9	86.8	93.0	83.0	75.7
August 1996	73.4	80.4	84.2	85.2	78.8	69.4
September 1995	66.5	70.5	73.2	76.5	70.8	61.0
Subdistrict IB						
September 1996	74.5	84.4	80.6	80.9	77.9	70.5
August 1996	68.9	77.2	75.2	75.1	72.2	63.6
September 1995	58.8	67.4	67.2	66.4	62.7	54.6
Delaware						
September 1996	70.8	85.2	79.1	84.3	77.2	70.0
August 1996	64.5	75.5	75.2	79.1	71.5	63.0
September 1995	56.6	72.6	64.4	70.4	63.2	53.0
District of Columbia						
September 1996	72.2	NA	W	76.6	74.1	73.3
August 1996	65.4	W	W	W	67.9	66.8
September 1995	55.3	W	W	W	57.7	58.8
Maryland						
September 1996	73.2	77.2	78.2	78.5	75.2	70.8
August 1996	67.2	69.5	74.5	75.0	69.6	64.2
September 1995	58.2	NA	64.5	64.7	60.2	55.2
New Jersey						
September 1996	70.9	NA	79.7	75.1	75.6	69.0
August 1996	67.2	NA	75.5	68.7	71.6	62.0
September 1995	56.1	77.1	66.8	60.0	60.2	53.3
New York						
September 1996	78.8	84.9	86.9	82.2	81.7	71.9
August 1996	73.4	79.0	83.5	75.9	76.8	65.2
September 1995	62.5	64.5	75.3	67.6	66.6	56.0

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						
September 1996	75.3	82.0	78.9	81.9	78.0	71.3
August 1996	68.4	74.9	71.9	75.8	71.1	64.3
September 1995	59.3	68.2	64.6	67.0	62.8	55.0
Subdistrict IC						
September 1996	72.7	77.5	77.8	77.4	75.9	70.0
August 1996	66.4	71.8	72.0	71.5	69.9	63.4
September 1995	57.4	61.1	65.2	63.7	61.7	54.0
Virginia						
September 1996	74.5	75.9	76.6	71.7	75.2	70.4
August 1996	68.9	71.2	69.6	69.2	69.6	63.7
September 1995	60.2	63.5	65.2	64.0	63.1	54.3
West Virginia						
September 1996	76.0	81.1	81.2	82.6	79.6	73.2
August 1996	68.9	73.4	75.9	77.1	72.6	66.6
September 1995	58.1	63.0	69.5	67.2	62.2	55.9
PAD District II						
September 1996	74.6	81.5	80.4	86.8	79.7	72.7
August 1996	68.9	76.2	74.4	81.2	73.8	66.8
September 1995	59.0	65.7	66.0	72.7	65.2	56.5
Illinois						
September 1996	76.7	86.7	82.2	86.3	81.8	70.9
August 1996	72.1	80.5	76.4	76.9	75.6	65.1
September 1995	61.3	71.5	67.7	72.9	67.6	54.2
Indiana						
September 1996	72.5	84.2	79.6	90.4	77.6	71.6
August 1996	65.8	78.0	73.3	84.1	71.2	65.4
September 1995	58.0	65.9	65.2	76.8	64.4	54.5
Michigan						
September 1996	76.9	75.2	80.7	83.4	78.9	73.5
August 1996	71.5	71.6	75.2	78.5	73.9	67.8
September 1995	60.1	61.7	67.2	70.5	64.0	56.5
Minnesota						
September 1996	79.9	81.7	86.2	89.2	85.7	76.0
August 1996	74.1	76.9	81.7	85.1	80.9	70.5
September 1995	64.0	66.9	69.4	77.3	71.6	60.3
Ohio						
September 1996	73.5	79.2	80.5	87.0	77.8	73.7
August 1996	67.1	73.8	73.6	81.0	71.3	66.8
September 1995	57.7	64.2	65.0	72.7	62.6	57.0
Wisconsin						
September 1996	77.2	78.6	81.9	85.3	80.2	73.2
August 1996	73.7	73.1	76.3	81.8	76.1	67.2
September 1995	61.6	62.2	66.2	72.8	65.5	56.6
PAD District III						
September 1996	70.4	75.7	78.1	78.3	74.9	68.0
August 1996	63.9	69.0	72.9	71.6	68.6	62.0
September 1995	55.0	59.0	65.0	62.2	59.6	52.7
PAD District IV						
September 1996	79.8	88.4	88.0	91.8	86.2	80.9
August 1996	72.8	83.0	81.7	87.5	80.1	72.8
September 1995	67.0	76.2	77.3	80.1	73.9	67.9
Idaho						
September 1996	88.7	92.6	97.1	93.9	93.7	85.9
August 1996	76.9	88.1	89.3	91.1	86.7	77.1
September 1995	74.9	78.1	84.2	82.2	80.4	72.9

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						
September 1996	87.2	90.6	93.7	90.4	89.8	79.4
August 1996	78.8	81.8	86.6	82.4	81.6	70.2
September 1995	67.4	72.8	78.1	73.5	71.6	61.8
Alaska						
September 1996	99.7	86.2	NA	102.7	98.8	80.2
August 1996	93.7	83.2	110.8	96.6	93.5	69.9
September 1995	81.2	NA	NA	83.8	80.5	60.5
Oregon						
September 1996	89.9	92.7	94.1	90.7	91.7	81.9
August 1996	76.6	81.0	80.2	78.4	78.5	68.4
September 1995	65.6	71.1	75.6	71.1	69.9	61.0
Washington						
September 1996	87.5	89.8	96.4	98.1	91.0	81.6
August 1996	74.9	80.9	83.4	86.2	78.3	64.4
September 1995	65.9	71.2	76.0	75.2	69.4	59.4

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											
September 1996	77.0	84.6	81.6	85.4	80.7	72.5	74.5	80.8	82.9	78.4	70.9
August 1996	71.0	78.2	75.8	79.5	74.8	66.1	67.3	74.2	76.1	71.3	63.1
September 1995	61.1	67.3	67.9	70.4	65.8	56.8	57.8	64.5	68.1	62.5	53.8
PAD District I											
September 1996	74.5	82.8	79.3	76.7	77.3	70.6	72.6	78.9	80.9	76.6	68.3
August 1996	68.3	76.7	73.7	71.6	71.5	63.9	67.2	72.3	73.7	70.6	61.6
September 1995	58.9	64.4	66.4	63.1	62.7	54.6	57.9	62.9	65.9	61.7	52.2
Subdistrict IA											
September 1996	77.3	94.0	88.2	82.3	82.0	72.0	81.0	86.1	82.9	82.1	67.7
August 1996	71.0	87.9	85.1	76.8	76.4	65.1	74.8	80.9	75.9	75.6	64.6
September 1995	62.6	73.1	73.6	64.2	66.3	54.9	66.5	62.6	68.2	66.4	56.0
Subdistrict IB											
September 1996	75.3	88.4	80.6	79.1	78.4	70.7	72.0	79.8	84.4	76.1	67.8
August 1996	69.1	81.2	75.2	73.8	72.5	63.8	68.4	72.9	77.5	71.3	60.9
September 1995	58.9	69.1	67.2	64.0	62.9	54.8	58.6	65.3	69.9	62.2	52.3
Subdistrict IC											
September 1996	72.9	77.0	77.8	73.9	75.7	70.2	72.2	78.1	80.1	76.5	68.7
August 1996	66.7	71.7	72.0	69.3	69.9	63.6	65.7	71.8	73.0	69.9	61.9
September 1995	57.8	60.3	65.2	62.5	61.8	54.3	56.4	61.9	64.7	61.2	52.0
PAD District II											
September 1996	75.3	80.1	80.4	87.3	79.8	72.7	73.0	82.6	86.0	79.2	72.5
August 1996	69.8	74.5	74.4	81.9	74.0	66.8	67.1	77.5	80.1	73.1	66.4
September 1995	59.3	63.7	66.0	72.9	64.9	56.6	58.3	67.5	72.5	65.9	55.6
PAD District III											
September 1996	72.4	76.9	78.1	78.6	76.2	68.3	68.2	75.2	78.1	72.6	66.7
August 1996	66.5	70.7	72.9	71.9	70.5	62.7	61.5	68.3	71.4	65.6	59.7
September 1995	57.4	62.2	65.0	62.1	62.0	53.8	53.3	57.8	62.4	56.6	50.2
PAD District IV											
September 1996	82.2	88.0	88.0	91.7	87.4	80.7	77.4	89.9	92.1	82.8	82.2
August 1996	75.8	82.3	81.7	86.7	81.5	72.6	70.0	85.0	89.3	76.4	74.1
September 1995	68.8	75.1	77.3	80.4	75.0	67.5	64.6	79.7	79.5	70.9	71.0
PAD District V											
September 1996	87.9	92.3	93.7	93.3	91.1	79.5	85.9	87.6	85.0	86.3	78.8
August 1996	81.0	83.5	86.6	85.7	83.8	71.5	74.9	78.3	76.9	76.1	65.4
September 1995	70.3	73.9	78.1	76.4	74.1	62.3	62.8	71.2	67.7	65.6	59.5

^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						
September 1996	48.8	43.3	42.3	40.7	44.4	41.5
August 1996	45.9	41.9	39.5	38.0	41.7	39.6
September 1995	37.4	35.7	34.2	31.3	35.2	33.8
PAD District I						
September 1996	48.6	45.4	43.2	42.9	45.7	44.1
August 1996	46.0	44.3	40.6	40.3	43.1	42.2
September 1995	38.0	36.6	35.2	34.0	36.2	35.9
Subdistrict IA						
September 1996	45.2	44.7	42.6	43.7	44.3	44.0
August 1996	43.3	44.2	40.2	40.5	42.3	41.4
September 1995	37.8	36.8	35.5	32.1	36.9	34.9
Connecticut						
September 1996	49.4	43.6	—	W	49.4	44.4
August 1996	50.7	45.4	—	W	50.7	W
September 1995	46.4	W	W	—	44.8	W
Maine						
September 1996	W	W	42.4	W	44.2	W
August 1996	43.3	W	39.9	37.6	41.2	38.7
September 1995	38.6	37.0	34.6	35.0	36.2	36.9
Massachusetts						
September 1996	43.9	46.5	42.9	42.7	43.8	43.6
August 1996	43.0	46.2	42.4	40.2	43.0	41.3
September 1995	37.1	36.9	40.5	W	37.3	34.8
New Hampshire						
September 1996	46.2	W	43.0	W	43.4	W
August 1996	45.6	W	40.1	W	40.5	W
September 1995	39.7	W	36.8	W	37.1	W
Rhode Island						
September 1996	48.5	44.8	W	—	48.4	44.8
August 1996	45.2	44.4	W	—	45.1	44.4
September 1995	38.3	35.0	W	—	38.3	35.0
Vermont						
September 1996	W	W	44.1	—	44.2	W
August 1996	W	W	42.4	—	42.5	W
September 1995	W	W	W	W	W	W
Subdistrict IB						
September 1996	52.2	46.4	43.6	43.0	49.5	44.8
August 1996	48.1	45.6	40.1	41.4	45.8	44.0
September 1995	39.3	37.4	36.2	34.8	38.1	36.9
Delaware						
September 1996	47.1	NA	43.5	39.3	45.8	39.6
August 1996	42.9	W	39.7	W	42.4	38.0
September 1995	36.0	W	35.7	34.5	35.9	35.8
District of Columbia						
September 1996	W	—	—	—	W	—
August 1996	W	—	—	—	W	—
September 1995	W	—	—	—	W	—
Maryland						
September 1996	NA	NA	47.1	—	45.2	NA
August 1996	41.9	W	42.7	W	42.1	W
September 1995	35.0	W	38.6	36.5	35.9	35.4
New Jersey						
September 1996	48.2	44.5	41.8	41.0	46.1	41.9
August 1996	46.0	46.6	39.2	39.4	44.4	43.3
September 1995	40.8	34.9	34.7	33.3	37.4	34.5
New York						
September 1996	58.0	48.6	44.9	49.0	54.6	48.8
August 1996	52.6	47.1	41.1	45.0	49.5	46.1
September 1995	47.1	40.1	37.1	37.9	42.7	40.0
Pennsylvania						
September 1996	46.9	W	43.6	41.4	45.0	44.6
August 1996	46.3	W	39.0	38.8	42.1	44.6
September 1995	34.9	33.7	35.6	35.4	35.1	34.2

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						
September 1996	44.0	W	43.2	41.4	43.3	41.9
August 1996	44.3	42.8	40.8	39.3	41.5	41.1
September 1995	36.2	34.8	34.9	34.4	35.1	34.7
Florida						
September 1996	W	W	42.6	W	42.6	W
August 1996	43.7	W	40.3	W	41.1	41.3
September 1995	W	W	34.3	W	34.6	34.8
Georgia						
September 1996	—	—	44.2	NA	44.2	NA
August 1996	—	—	43.0	NA	43.0	NA
September 1995	—	—	36.8	W	36.8	W
North Carolina						
September 1996	W	—	43.9	W	44.6	W
August 1996	W	—	41.5	NA	42.3	NA
September 1995	W	—	36.9	34.7	37.5	34.7
South Carolina						
September 1996	W	—	44.2	W	45.5	W
August 1996	W	—	W	W	W	W
September 1995	W	—	W	W	W	W
Virginia						
September 1996	43.4	W	44.3	W	44.2	W
August 1996	42.7	W	41.0	39.2	41.1	41.1
September 1995	41.3	W	36.1	35.4	36.7	34.1
West Virginia						
September 1996	W	W	W	—	W	W
August 1996	W	—	W	—	W	—
September 1995	W	—	W	—	41.1	—
PAD District II						
September 1996	41.2	37.6	42.7	37.6	42.0	37.6
August 1996	40.6	34.9	38.5	38.8	39.3	38.6
September 1995	39.7	33.3	NA	29.9	NA	30.2
Illinois						
September 1996	W	W	W	W	W	W
August 1996	W	W	—	W	W	W
September 1995	W	W	43.3	—	42.9	W
Indiana						
September 1996	46.6	W	42.5	W	42.8	W
August 1996	46.5	W	42.7	W	42.8	W
September 1995	41.8	W	36.9	W	37.4	W
Iowa						
September 1996	W	—	—	—	W	—
August 1996	32.0	—	—	—	32.0	—
September 1995	W	—	NA	—	NA	—
Kansas						
September 1996	W	—	W	W	W	W
August 1996	—	—	W	W	W	W
September 1995	W	—	W	W	W	W
Kentucky						
September 1996	W	W	W	—	45.5	W
August 1996	W	W	W	—	48.0	W
September 1995	W	W	W	—	W	W
Michigan						
September 1996	W	W	46.9	W	45.0	W
August 1996	41.7	W	40.8	W	41.3	W
September 1995	40.7	W	31.0	W	33.3	W
Minnesota						
September 1996	—	—	W	W	W	W
August 1996	—	—	W	W	W	W
September 1995	—	—	W	NA	W	NA
Missouri						
September 1996	34.0	NA	—	NA	34.0	NA
August 1996	30.7	W	—	—	30.7	W
September 1995	W	W	NA	NA	NA	W

See footnotes at end of table.

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

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Nebraska						
September 1996	W	-	W	-	W	-
August 1996	W	-	-	-	W	-
September 1995	W	-	NA	NA	W	NA
North Dakota						
September 1996	-	-	W	-	W	-
August 1996	-	-	W	-	W	-
September 1995	-	-	W	-	W	-
Ohio						
September 1996	50.1	-	37.6	W	43.8	W
August 1996	41.4	-	34.9	W	36.4	W
September 1995	45.3	-	35.4	W	37.4	W
Oklahoma						
September 1996	-	-	W	W	W	W
August 1996	-	-	W	-	W	-
September 1995	NA	-	W	-	W	-
South Dakota						
September 1996	W	-	-	-	W	-
August 1996	W	-	-	-	W	-
September 1995	-	-	NA	-	NA	-
Tennessee						
September 1996	W	W	W	W	W	37.8
August 1996	W	W	W	-	50.2	W
September 1995	W	W	W	-	41.5	W
Wisconsin						
September 1996	-	W	W	32.0	W	32.0
August 1996	-	W	W	W	W	W
September 1995	NA	W	NA	W	NA	W
PAD District III						
September 1996	43.4	38.1	41.6	38.9	41.6	38.7
August 1996	W	39.4	39.0	35.4	38.2	36.7
September 1995	W	35.8	32.3	29.5	32.1	32.0
Alabama						
September 1996	W	-	NA	NA	NA	NA
August 1996	W	W	40.5	NA	40.6	NA
September 1995	W	W	34.9	NA	35.0	NA
Arkansas						
September 1996	-	-	W	-	W	-
August 1996	-	-	W	-	W	-
September 1995	-	-	W	-	W	-
Louisiana						
September 1996	W	W	41.1	37.4	41.1	38.0
August 1996	W	41.7	37.2	34.9	36.2	35.0
September 1995	W	40.8	31.7	29.7	NA	34.4
Mississippi						
September 1996	-	-	NA	W	NA	W
August 1996	-	-	NA	W	NA	W
September 1995	-	-	NA	W	NA	W
New Mexico						
September 1996	-	W	-	-	-	W
August 1996	-	W	-	-	-	W
September 1995	-	W	-	-	-	W
Texas						
September 1996	W	37.0	42.0	40.3	42.0	39.3
August 1996	-	39.5	40.7	36.2	40.7	38.3
September 1995	-	29.9	31.9	29.0	31.9	29.3
PAD District IV						
September 1996	NA	W	25.3	W	25.5	35.6
August 1996	W	W	28.1	W	28.5	30.2
September 1995	W	W	31.3	W	31.5	20.0
Colorado						
September 1996	-	-	-	-	-	-
August 1996	W	-	-	-	W	-
September 1995	-	W	-	-	-	W

See footnotes at end of table.

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

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Idaho						
September 1996	-	-	W	-	W	-
August 1996	-	-	W	-	W	-
September 1995	-	-	W	-	W	-
Montana						
September 1996	-	-	W	W	W	W
August 1996	-	-	-	W	-	W
September 1995	-	-	NA	W	NA	W
Utah						
September 1996	NA	W	W	-	25.8	W
August 1996	W	W	W	-	28.7	W
September 1995	W	NA	W	-	W	NA
Wyoming						
September 1996	-	W	W	W	W	W
August 1996	-	W	W	W	W	W
September 1995	-	W	W	W	W	W
PAD District V						
September 1996	51.7	39.4	41.8	41.4	44.2	40.9
August 1996	50.3	34.7	38.6	37.1	41.8	36.3
September 1995	41.0	28.3	34.8	32.0	36.3	30.6
Alaska						
September 1996	-	-	-	-	-	-
August 1996	-	-	W	W	W	W
September 1995	-	-	-	W	-	W
Arizona						
September 1996	W	W	W	-	W	W
August 1996	W	-	W	-	W	-
September 1995	W	W	-	-	W	W
California						
September 1996	W	35.2	42.3	42.3	42.5	39.7
August 1996	W	32.5	38.2	36.3	38.3	34.4
September 1995	W	28.0	34.4	32.6	34.5	29.0
Hawaii						
September 1996	W	NA	W	W	W	W
August 1996	W	NA	NA	W	W	W
September 1995	W	-	35.0	45.1	39.8	45.1
Nevada						
September 1996	W	W	-	-	W	W
August 1996	W	W	-	-	W	W
September 1995	W	W	-	-	W	W
Oregon						
September 1996	NA	-	40.4	46.2	40.6	46.2
August 1996	NA	-	40.0	46.0	40.1	46.0
September 1995	W	-	37.2	W	37.3	W
Washington						
September 1996	-	-	41.8	NA	41.8	NA
August 1996	W	-	38.2	NA	38.3	NA
September 1995	NA	-	34.6	32.2	34.6	32.2

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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Volumes of Petroleum Products

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
United States												
September 1996	37,886.4	39,661.8	46,543.9	131,380.0	31,547.1	209,471.0	9,361.7	9,648.3	W	15,938.9	W	28,412.9
August 1996	38,833.8	40,728.5	47,992.8	141,763.0	35,272.0	225,027.8	9,638.7	9,958.9	12,742.3	17,227.9	115.9	30,086.1
September 1995	34,806.9	36,339.4	43,421.0	127,269.9	35,944.8	206,635.7	9,795.6	10,049.8	W	17,092.8	W	30,538.2
PAD District I												
September 1996	8,593.5	9,183.6	15,609.4	39,505.1	5,108.7	60,223.2	2,497.5	2,607.4	4,781.7	6,829.6	-	11,611.2
August 1996	9,110.9	9,747.9	16,101.5	42,248.3	7,610.7	65,960.5	2,653.3	2,777.1	4,902.5	7,376.7	-	12,279.2
September 1995	7,958.5	8,578.5	14,862.0	37,111.0	6,581.9	58,554.8	2,484.5	2,611.9	5,074.9	7,235.3	-	12,310.2
Subdistrict IA												
September 1996	414.2	435.8	2,794.6	3,918.4	860.7	7,573.7	131.2	139.6	740.0	539.1	-	1,279.1
August 1996	445.5	474.6	2,911.4	4,428.2	1,160.0	8,499.6	142.1	151.7	777.0	668.6	-	1,445.6
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
Connecticut												
September 1996	W	W	809.9	W	W	2,194.5	W	W	W	W	-	386.6
August 1996	W	W	823.1	1,146.0	148.7	2,117.8	W	W	243.8	176.7	-	420.5
September 1995	W	82.2	734.2	1,158.5	-	1,892.7	W	W	246.7	191.1	-	437.8
Maine												
September 1996	-	W	W	939.9	W	1,062.5	-	-	W	W	-	144.2
August 1996	-	W	W	1,094.1	W	1,291.1	-	-	W	W	-	197.6
September 1995	-	W	W	926.6	W	1,047.6	-	W	W	W	-	176.9
Massachusetts												
September 1996	227.8	244.1	1,462.9	W	W	3,077.5	77.8	85.8	371.7	148.8	-	520.5
August 1996	244.8	268.1	1,546.2	W	W	3,520.9	83.0	91.6	392.9	176.3	-	569.3
September 1995	193.6	216.4	1,364.9	W	W	2,758.2	66.3	74.3	W	W	-	606.5
New Hampshire												
September 1996	55.7	56.2	173.6	36.7	-	210.3	14.8	14.8	44.8	5.3	-	50.1
August 1996	57.3	58.2	175.5	43.6	-	219.2	16.0	16.1	47.1	7.7	-	54.8
September 1995	W	49.0	150.8	55.3	-	206.2	W	15.2	46.2	9.3	-	55.5
Rhode Island												
September 1996	W	47.8	265.4	593.6	-	859.0	W	W	68.7	81.0	-	149.7
August 1996	W	52.1	W	620.8	W	1,145.4	W	W	W	W	-	168.5
September 1995	37.7	W	243.7	W	W	867.0	15.0	W	W	W	-	149.1
Vermont												
September 1996	-	-	W	W	-	169.9	-	-	W	W	-	28.0
August 1996	-	-	W	W	-	205.3	-	-	W	W	-	35.0
September 1995	-	-	W	W	-	157.3	-	-	W	W	-	34.2
Subdistrict IB												
September 1996	3,299.3	3,450.8	8,973.1	11,532.0	3,615.1	24,120.2	893.7	923.0	2,423.4	1,744.7	-	4,168.1
August 1996	3,596.1	3,757.0	9,267.1	12,645.5	5,594.0	27,506.6	996.5	1,029.2	2,486.4	1,916.4	-	4,402.8
September 1995	3,041.4	3,235.5	8,604.0	10,855.7	5,488.9	24,948.6	836.3	866.6	2,587.1	1,798.6	-	4,385.8
Delaware												
September 1996	W	25.3	W	212.2	W	460.9	W	W	W	W	-	105.7
August 1996	W	31.1	W	W	W	467.1	W	W	W	W	-	111.1
September 1995	18.8	25.4	189.1	W	W	440.3	7.3	W	W	W	-	117.8
District of Columbia												
September 1996	-	8.5	125.4	-	-	125.4	-	W	78.0	-	-	78.0
August 1996	-	6.2	124.0	-	-	124.0	-	W	76.4	-	-	76.4
September 1995	-	7.7	114.7	-	-	114.7	-	W	80.8	-	-	80.8
Maryland												
September 1996	W	35.4	1,713.2	1,222.7	115.1	3,051.0	W	6.1	W	W	-	913.0
August 1996	W	37.9	W	1,354.9	W	3,205.9	W	6.1	W	W	-	962.8
September 1995	-	43.1	1,556.7	W	W	2,764.6	-	6.1	W	W	-	924.9
New Jersey												
September 1996	727.8	761.3	2,360.0	1,992.3	2,354.8	6,707.1	204.6	213.7	602.5	337.1	-	939.7
August 1996	809.0	842.9	2,445.1	2,137.8	3,920.5	8,503.4	225.8	237.9	632.4	345.3	-	977.7
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	-	959.9
New York												
September 1996	1,243.0	1,285.3	W	3,530.4	W	6,400.9	263.3	272.8	671.8	297.8	-	969.6
August 1996	1,358.1	1,397.9	2,813.4	W	W	7,315.7	314.8	325.2	709.6	354.1	-	1,063.7
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
Pennsylvania												
September 1996	1,303.0	1,335.0	1,917.2	4,574.4	883.2	7,374.8	417.6	420.7	391.4	770.7	-	1,162.1
August 1996	1,401.2	1,441.0	1,952.9	4,897.7	1,039.9	7,890.5	446.3	449.3	389.2	822.0	-	1,211.2
September 1995	1,186.2	1,237.3	1,890.7	W	W	7,442.6	371.5	377.5	455.1	777.0	-	1,232.0

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
United States												
September 1996	8,229.2	8,604.3	W	27,091.6	W	48,461.9	55,477.2	57,914.4	76,604.2	174,410.5	35,331.1	286,345.8
August 1996	8,630.9	9,014.0	17,991.1	29,986.9	3,832.4	51,810.4	57,103.4	59,701.5	78,726.2	188,977.8	39,220.2	306,924.3
September 1995	9,853.7	10,191.7	W	31,260.7	W	57,425.1	54,456.2	56,580.9	77,735.8	175,623.3	41,239.9	294,599.1
PAD District I												
September 1996	2,679.1	2,812.1	8,775.7	10,946.7	1,356.3	21,078.6	13,770.0	14,603.2	29,166.7	57,281.4	6,465.0	92,913.0
August 1996	2,928.3	3,079.6	8,922.7	11,850.6	1,275.1	22,048.4	14,692.5	15,604.6	29,926.6	61,475.7	8,885.8	100,288.1
September 1995	3,049.4	3,194.0	10,011.5	12,305.2	1,620.7	23,937.3	13,492.4	14,384.4	29,948.3	56,651.5	8,202.6	94,802.3
Subdistrict IA												
September 1996	140.8	150.2	964.5	957.1	267.1	2,188.7	686.2	725.6	4,499.0	5,414.6	1,127.8	11,041.5
August 1996	152.7	162.7	1,016.7	1,166.4	154.3	2,337.4	740.3	789.0	4,705.2	6,263.2	1,314.3	12,282.7
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
Connecticut												
September 1996	W	W	W	W	W	602.9	W	W	1,342.6	W	W	3,184.0
August 1996	W	W	303.9	316.0	—	619.9	W	W	1,370.9	1,638.6	148.7	3,158.2
September 1995	W	W	325.4	375.3	—	700.7	W	W	1,306.3	1,724.9	—	3,031.2
Maine												
September 1996	—	—	W	W	W	191.6	—	W	W	1,241.5	W	1,398.4
August 1996	—	—	W	W	W	256.3	—	W	W	1,516.3	W	1,745.0
September 1995	—	W	W	W	W	255.3	—	W	W	1,302.6	W	1,479.8
Massachusetts												
September 1996	75.6	84.3	512.9	W	W	1,050.6	381.2	414.3	2,347.5	1,657.3	643.7	4,648.5
August 1996	82.2	91.2	548.7	W	W	1,071.0	410.0	450.9	2,487.9	1,915.8	757.5	5,161.1
September 1995	84.0	95.7	W	422.2	W	1,154.3	343.9	386.5	2,372.6	W	W	4,519.0
New Hampshire												
September 1996	18.0	18.2	46.3	6.6	—	52.8	88.4	89.2	264.7	48.5	—	313.2
August 1996	18.6	19.0	47.5	8.6	—	56.1	91.9	93.2	270.1	60.0	—	330.1
September 1995	W	19.2	53.6	12.6	—	66.1	W	83.5	250.6	77.2	—	327.8
Rhode Island												
September 1996	W	W	88.3	161.7	—	250.0	W	79.0	422.4	836.3	—	1,258.7
August 1996	W	W	93.0	191.9	—	284.9	W	85.3	434.2	W	W	1,598.7
September 1995	16.9	16.9	W	W	W	299.6	69.6	70.6	420.9	W	W	1,315.7
Vermont												
September 1996	—	—	W	W	—	40.8	—	—	W	W	—	238.7
August 1996	—	—	W	W	—	49.2	—	—	W	W	—	289.5
September 1995	—	—	W	W	—	47.3	—	—	W	W	—	238.8
Subdistrict IB												
September 1996	1,072.7	1,107.9	5,374.8	3,169.2	1,039.5	9,583.5	5,265.7	5,481.8	16,771.2	16,445.9	4,654.6	37,871.8
August 1996	1,198.8	1,240.9	5,469.1	3,562.4	1,039.6	10,071.1	5,791.4	6,027.1	17,222.6	18,124.3	6,633.6	41,980.5
September 1995	1,164.3	1,202.2	6,021.5	3,563.6	1,138.6	10,723.7	5,042.0	5,304.4	17,212.7	16,217.9	6,627.5	40,058.1
Delaware												
September 1996	W	W	60.0	58.3	—	118.2	W	40.2	319.4	W	W	684.9
August 1996	W	W	62.1	60.3	—	122.4	W	49.1	331.2	W	W	700.6
September 1995	7.1	W	67.1	67.7	—	134.9	33.2	40.9	W	341.5	W	693.0
District of Columbia												
September 1996	—	W	153.5	—	—	153.5	—	13.5	356.9	—	—	356.9
August 1996	—	W	141.6	—	—	141.6	—	10.1	342.0	—	—	342.0
September 1995	—	W	180.5	—	—	180.5	—	12.9	376.0	—	—	376.0
Maryland												
September 1996	W	5.7	W	362.1	W	1,215.5	W	47.2	3,174.9	W	W	5,179.5
August 1996	W	7.6	830.7	W	W	1,250.1	W	51.5	3,172.2	W	W	5,418.8
September 1995	—	6.3	950.6	W	W	1,399.9	—	55.5	W	1,753.3	W	5,089.3
New Jersey												
September 1996	325.3	342.6	1,550.9	816.4	759.4	3,126.7	1,257.7	1,317.6	4,513.5	3,145.8	3,114.1	10,773.4
August 1996	356.7	377.9	1,581.7	912.4	653.3	3,147.3	1,391.5	1,458.6	4,659.2	3,395.5	4,573.7	12,628.4
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	4,126.3	11,706.6
New York												
September 1996	368.4	374.1	W	798.7	W	2,852.2	1,874.7	1,932.2	5,352.5	4,626.9	243.4	10,222.7
August 1996	438.7	445.0	2,096.1	W	W	3,193.3	2,111.5	2,168.1	5,619.1	5,393.2	560.4	11,572.7
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
Pennsylvania												
September 1996	371.8	375.4	745.5	1,133.8	238.1	2,117.4	2,092.4	2,131.1	3,054.1	6,478.9	1,121.3	10,654.2
August 1996	395.0	399.4	756.9	1,219.7	239.9	2,216.5	2,242.5	2,289.6	3,099.0	6,939.4	1,279.8	11,318.1
September 1995	382.5	387.2	849.9	W	W	2,385.2	1,940.1	2,001.9	3,195.6	6,113.3	1,750.9	11,059.8

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												
September 1996	4,880.0	5,297.0	3,841.7	24,054.7	632.9	28,529.3	1,472.5	1,544.8	1,618.3	4,545.8	—	6,164.1
August 1996	5,069.3	5,516.3	3,923.0	25,174.5	856.7	29,954.3	1,514.7	1,596.2	1,639.0	4,791.8	—	6,430.8
September 1995	4,567.4	4,951.2	3,682.4	22,150.9	844.0	26,677.3	1,527.3	1,614.0	1,701.2	4,763.2	—	6,464.4
Florida												
September 1996	1,950.1	2,092.9	W	5,999.4	W	8,125.9	631.3	660.7	923.8	1,181.1	—	2,104.9
August 1996	1,989.1	2,133.2	2,095.5	W	W	8,397.6	640.4	677.0	929.1	1,230.9	—	2,160.0
September 1995	1,757.6	1,902.9	W	5,508.3	W	7,548.0	644.7	682.0	952.9	1,217.2	—	2,170.1
Georgia												
September 1996	958.7	1,029.1	W	5,226.6	W	5,847.1	301.7	318.8	W	W	—	1,048.5
August 1996	1,011.0	1,095.4	468.9	W	W	6,016.9	314.2	332.7	W	W	—	1,103.5
September 1995	925.2	976.4	468.3	W	W	5,475.7	317.0	337.3	218.6	909.4	—	1,128.0
North Carolina												
September 1996	417.8	522.6	79.7	5,884.2	273.2	6,237.1	122.0	126.5	30.1	1,245.3	—	1,275.4
August 1996	438.6	546.5	W	6,025.9	W	6,545.3	122.6	127.0	W	W	—	1,313.3
September 1995	414.4	521.5	W	5,517.6	W	5,846.3	133.7	145.8	44.1	1,232.6	—	1,276.7
South Carolina												
September 1996	545.2	579.3	W	2,816.0	W	2,899.8	139.6	144.2	W	W	—	499.5
August 1996	586.0	623.1	W	2,919.5	W	3,066.4	150.7	155.3	14.7	509.2	—	523.9
September 1995	539.5	570.5	W	2,635.5	W	2,723.9	150.2	155.0	W	W	—	533.3
Virginia												
September 1996	613.1	659.1	1,131.5	W	W	5,008.1	178.7	191.3	W	W	—	1,160.8
August 1996	631.8	686.4	1,170.6	4,109.8	155.5	5,435.9	181.2	194.6	431.2	803.1	—	1,234.3
September 1995	598.2	627.9	1,060.8	W	W	4,624.9	188.1	196.9	W	W	—	1,260.5
West Virginia												
September 1996	395.2	414.0	W	W	—	411.4	99.2	103.2	W	W	—	75.0
August 1996	412.8	431.7	W	W	—	492.1	105.5	109.6	W	W	—	95.8
September 1995	332.5	351.9	W	371.3	W	458.6	93.6	97.1	W	W	—	95.7
PAD District II												
September 1996	14,067.1	14,572.9	9,867.6	48,121.7	6,391.1	64,380.4	2,851.3	2,888.1	2,320.3	3,335.3	—	5,655.6
August 1996	15,046.5	15,552.8	10,210.5	52,225.0	5,961.2	68,396.7	3,014.3	3,062.5	2,340.5	3,669.6	—	6,010.1
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	—	6,362.2
Illinois												
September 1996	2,107.0	2,130.7	1,805.8	4,581.0	552.6	6,939.4	497.1	497.8	660.1	315.6	—	975.8
August 1996	2,204.1	2,227.9	1,795.3	4,913.9	735.1	7,444.3	502.7	503.3	642.5	340.3	—	982.8
September 1995	1,915.5	1,929.1	W	4,601.3	W	8,322.7	493.2	493.5	737.5	361.6	—	1,099.1
Indiana												
September 1996	1,171.6	1,191.3	W	3,182.2	W	4,837.9	243.5	243.8	210.2	378.4	—	588.6
August 1996	1,251.5	1,269.0	W	3,436.4	W	5,415.0	258.5	259.2	214.5	400.9	—	615.5
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
Iowa												
September 1996	201.8	206.1	W	3,146.9	W	3,351.7	W	W	W	W	—	58.1
August 1996	W	227.4	W	3,281.4	W	3,514.4	W	W	W	W	—	71.1
September 1995	213.6	219.4	W	3,268.5	W	3,509.4	W	W	W	W	—	36.6
Kansas												
September 1996	480.2	491.3	W	W	831.4	3,404.3	42.3	42.3	W	W	—	52.9
August 1996	508.6	521.0	W	2,662.5	W	3,469.7	44.2	44.2	W	W	—	51.5
September 1995	513.9	534.0	W	W	892.7	3,377.9	44.1	44.1	W	W	—	57.7
Kentucky												
September 1996	527.3	571.6	340.6	2,407.8	—	2,748.4	132.1	135.3	57.1	296.4	—	353.5
August 1996	574.3	619.4	380.0	2,648.3	—	3,028.3	143.5	146.9	63.4	338.9	—	402.3
September 1995	512.1	552.1	380.0	2,293.4	—	2,673.4	144.1	149.9	85.0	327.6	—	412.6
Michigan												
September 1996	2,299.7	2,404.1	2,593.4	W	W	7,711.5	350.8	354.1	W	W	—	756.3
August 1996	2,478.8	2,578.9	2,699.9	5,511.3	—	8,211.2	377.3	381.1	503.1	270.5	—	773.6
September 1995	2,114.0	2,221.5	2,525.2	W	W	7,528.4	374.3	376.1	W	W	—	815.5
Minnesota												
September 1996	849.5	872.8	W	W	370.5	4,653.2	123.1	123.4	W	W	—	216.8
August 1996	901.2	925.0	W	4,321.0	W	4,785.0	126.1	126.3	W	W	—	225.2
September 1995	958.9	977.6	W	3,689.3	W	4,303.4	139.9	140.0	W	W	—	247.4
Missouri												
September 1996	630.9	650.5	W	3,832.0	W	4,387.6	114.1	114.5	W	W	—	216.0
August 1996	642.4	661.0	406.6	W	W	4,694.5	112.5	112.9	115.7	109.2	—	224.8
September 1995	628.4	637.4	W	3,938.6	W	4,615.8	116.8	116.8	147.3	119.7	—	266.9

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
Subdistrict IC												
September 1996	1,465.6	1,554.0	2,436.4	6,820.4	49.6	9,306.4	7,818.1	8,395.8	7,896.4	35,420.8	682.5	43,999.8
August 1996	1,576.8	1,676.0	2,436.9	7,121.8	81.1	9,639.8	8,160.8	8,788.5	7,998.9	37,088.2	937.8	46,024.9
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	34,435.7	1,142.3	43,832.0
Florida												
September 1996	739.3	765.7	W	1,740.2	W	3,257.1	3,320.7	3,519.3	4,490.1	8,920.7	77.1	13,487.9
August 1996	748.7	779.5	1,502.9	W	W	3,288.5	3,378.2	3,589.7	4,527.5	9,198.6	120.0	13,846.1
September 1995	851.5	885.1	W	1,899.9	W	3,803.5	3,253.9	3,470.0	4,661.8	8,625.4	234.3	13,521.6
Georgia												
September 1996	277.3	298.5	W	W	—	1,710.6	1,537.7	1,646.4	W	7,504.4	W	8,606.2
August 1996	290.2	313.2	W	W	—	1,773.2	1,615.5	1,741.2	932.9	W	W	8,893.6
September 1995	321.4	340.2	309.2	W	W	1,912.4	1,563.5	1,653.8	996.1	7,037.3	482.8	8,516.1
North Carolina												
September 1996	97.2	114.4	32.6	1,750.8	—	1,783.4	637.0	763.6	142.3	8,880.3	273.2	9,295.9
August 1996	125.5	145.8	W	W	W	1,853.0	686.7	819.3	W	9,096.1	W	9,711.5
September 1995	127.9	145.9	W	1,945.5	W	2,024.8	676.0	813.2	199.2	8,695.8	252.8	9,147.8
South Carolina												
September 1996	114.3	122.8	W	W	—	751.7	799.1	846.3	W	4,042.7	W	4,151.0
August 1996	126.4	135.5	13.7	782.2	—	795.9	863.1	913.8	W	4,210.9	W	4,386.2
September 1995	148.0	156.9	W	W	—	843.6	837.7	882.4	W	3,980.3	W	4,100.8
Virginia												
September 1996	181.6	192.9	W	W	W	1,714.6	973.4	1,043.4	2,166.8	W	W	7,883.5
August 1996	223.1	235.4	612.0	1,152.1	46.4	1,810.5	1,036.1	1,116.4	2,213.8	6,065.0	201.9	8,480.7
September 1995	217.1	227.0	W	1,244.2	W	1,979.8	1,003.3	1,051.8	W	5,543.3	W	7,865.2
West Virginia												
September 1996	56.0	59.7	14.1	74.9	—	89.0	550.4	576.9	W	W	—	575.4
August 1996	62.9	66.7	15.2	103.6	—	118.8	581.2	608.1	W	W	—	706.7
September 1995	63.4	68.0	W	W	—	126.3	489.6	517.0	W	553.6	W	680.6
PAD District II												
September 1996	2,331.4	2,414.0	2,668.7	7,715.5	224.2	10,608.3	19,249.9	19,874.9	14,856.5	59,172.5	6,615.3	80,644.3
August 1996	2,520.6	2,594.5	2,771.2	8,706.3	263.3	11,740.8	20,581.4	21,209.8	15,322.2	64,600.9	6,224.5	86,147.6
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	60,270.0	7,636.2	83,678.4
Illinois												
September 1996	473.6	482.6	773.3	858.3	—	1,631.6	3,077.8	3,111.1	3,239.3	5,754.9	552.6	9,546.8
August 1996	457.1	464.8	764.8	979.6	—	1,744.4	3,163.9	3,196.0	3,202.6	6,233.8	735.1	10,171.5
September 1995	514.2	514.8	W	904.4	W	1,850.6	2,922.9	2,937.4	3,455.6	5,867.3	1,949.5	11,272.4
Indiana												
September 1996	209.9	210.2	W	621.1	W	898.1	1,625.0	1,645.4	1,506.5	4,181.7	636.5	6,324.7
August 1996	233.8	233.9	W	700.5	W	1,009.4	1,743.8	1,762.1	1,575.0	4,537.9	926.9	7,039.8
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
Iowa												
September 1996	W	W	W	W	—	236.8	222.1	226.6	W	3,410.4	W	3,646.6
August 1996	20.3	W	W	W	—	252.4	245.8	251.1	W	3,575.8	W	3,837.9
September 1995	W	W	W	W	—	297.9	251.8	257.6	W	3,557.7	W	3,843.9
Kansas												
September 1996	53.9	54.3	W	240.9	W	288.6	576.3	587.9	W	2,711.3	W	3,745.8
August 1996	58.6	59.0	W	W	W	307.0	611.4	624.2	W	W	705.9	3,828.2
September 1995	72.7	75.3	W	274.0	W	319.9	630.7	653.4	W	2,682.3	W	3,755.5
Kentucky												
September 1996	98.9	103.7	79.5	573.2	—	652.7	758.3	810.6	477.1	3,277.4	—	3,754.5
August 1996	107.8	114.4	81.4	609.7	—	691.1	825.6	880.7	524.8	3,596.9	—	4,121.7
September 1995	128.5	133.2	109.2	662.3	—	771.5	784.7	835.2	574.2	3,283.3	—	3,857.4
Michigan												
September 1996	283.4	306.2	562.1	850.2	—	1,412.3	2,933.8	3,064.5	W	6,199.3	W	9,880.1
August 1996	327.5	347.3	602.1	991.1	—	1,593.1	3,183.7	3,307.4	3,805.1	6,772.9	—	10,578.0
September 1995	372.6	393.9	700.0	938.6	—	1,638.6	2,860.9	2,991.5	W	6,162.7	W	9,982.5
Minnesota												
September 1996	84.5	85.2	W	362.3	W	429.9	1,057.1	1,081.3	W	4,490.9	W	5,299.9
August 1996	90.7	90.7	W	W	W	498.1	1,117.9	1,142.0	W	4,920.7	W	5,508.4
September 1995	121.5	121.5	W	W	W	466.0	1,220.3	1,239.1	W	4,250.2	W	5,016.8
Missouri												
September 1996	96.8	99.1	W	W	—	672.0	841.8	864.1	W	4,475.0	W	5,275.6
August 1996	98.6	101.1	117.4	W	W	758.0	853.5	875.0	639.7	4,899.4	138.2	5,677.3
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

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												
September 1996	139.8	142.1	132.5	W	W	1,881.8	2.0	2.0	W	W	—	17.5
August 1996	149.5	151.0	131.0	1,838.2	—	1,969.2	1.5	1.5	W	W	—	26.5
September 1995	142.6	145.4	142.5	W	W	1,956.8	5.4	5.4	W	W	—	5.0
North Dakota												
September 1996	W	4.4	W	W	—	908.4	W	W	W	W	—	W
August 1996	W	5.7	W	W	—	1,043.0	W	W	W	W	—	W
September 1995	W	8.0	W	W	—	959.1	W	W	W	W	—	W
Ohio												
September 1996	3,584.7	3,755.6	2,109.8	W	W	6,214.1	866.3	893.2	W	W	—	796.8
August 1996	3,878.6	4,079.0	2,287.7	W	W	6,651.7	936.6	973.7	W	W	—	858.7
September 1995	3,449.4	3,630.7	W	3,895.8	W	6,167.3	940.0	975.1	W	W	—	996.1
Oklahoma												
September 1996	596.2	645.4	W	2,703.6	W	6,131.8	114.4	115.0	W	W	—	66.3
August 1996	632.3	651.1	W	W	2,826.6	5,806.2	122.1	122.6	W	W	—	70.5
September 1995	561.6	612.9	W	W	3,210.4	6,073.3	119.9	120.9	W	W	—	63.5
South Dakota												
September 1996	W	17.4	35.1	977.5	—	1,012.6	W	W	W	W	—	W
August 1996	18.2	19.2	41.5	1,180.8	—	1,222.3	—	—	W	W	—	W
September 1995	W	19.3	41.9	998.8	—	1,040.8	W	W	W	W	—	W
Tennessee												
September 1996	865.7	892.4	W	4,790.5	W	5,442.1	281.0	282.0	W	W	—	1,178.9
August 1996	926.4	956.9	W	5,314.2	W	5,968.3	297.6	298.9	W	W	—	1,299.6
September 1995	859.0	881.0	W	4,649.2	W	5,032.1	310.7	312.9	W	W	—	1,298.0
Wisconsin												
September 1996	592.4	597.1	396.7	4,358.8	—	4,755.6	81.7	81.9	79.4	260.7	—	340.1
August 1996	653.9	660.2	399.8	W	W	5,173.6	87.9	87.9	W	W	—	373.7
September 1995	611.0	617.0	398.7	4,252.4	—	4,651.0	98.9	99.0	105.0	286.6	—	391.5
PAD District III												
September 1996	5,512.8	5,710.0	1,813.7	25,957.8	14,133.5	41,905.1	1,556.2	1,594.1	614.5	3,769.4	—	4,383.9
August 1996	5,656.2	5,883.6	1,887.5	W	W	44,845.8	1,600.6	1,641.9	639.5	W	W	4,682.1
September 1995	4,819.2	5,017.4	1,767.4	25,343.0	17,345.1	44,455.5	1,521.7	1,564.1	673.8	4,072.5	—	4,746.3
Alabama												
September 1996	213.6	237.7	W	3,255.2	W	3,384.5	75.1	81.2	W	W	—	641.3
August 1996	235.0	261.2	76.0	W	W	3,672.6	77.9	84.6	33.5	576.8	—	610.3
September 1995	208.2	234.2	W	3,099.4	W	3,230.4	79.9	91.1	W	W	—	664.2
Arkansas												
September 1996	187.2	189.5	W	2,523.1	W	2,987.9	45.9	46.0	W	W	—	316.4
August 1996	200.5	204.4	W	W	426.8	3,104.7	47.9	48.0	W	W	—	337.5
September 1995	196.8	204.8	W	W	372.9	2,731.7	51.7	51.7	W	W	—	282.9
Louisiana												
September 1996	395.5	419.2	W	2,738.4	W	4,768.5	151.7	158.5	110.7	553.4	—	664.2
August 1996	411.8	436.0	261.6	2,902.2	922.6	4,086.4	155.8	162.5	114.2	597.4	—	711.5
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
Mississippi												
September 1996	71.6	94.6	10.8	W	W	2,468.4	17.7	22.3	3.7	355.1	—	358.8
August 1996	78.7	99.6	10.8	2,277.5	662.0	2,950.4	20.5	24.0	3.8	399.7	—	403.5
September 1995	71.0	87.4	10.8	W	W	2,889.2	18.8	22.3	4.4	388.1	—	392.5
New Mexico												
September 1996	370.3	376.6	W	W	—	1,497.6	65.7	65.7	W	W	—	142.6
August 1996	381.6	387.8	W	W	—	1,625.4	68.0	68.0	W	W	—	165.3
September 1995	364.7	371.0	W	W	—	1,459.7	39.7	39.7	W	W	—	118.9
Texas												
September 1996	4,274.6	4,392.5	1,274.0	14,065.7	11,458.4	26,798.2	1,200.0	1,220.4	437.4	1,823.2	—	2,260.6
August 1996	4,348.5	4,494.6	1,320.4	14,882.7	13,203.3	29,406.4	1,230.5	1,254.8	456.5	W	W	2,453.9
September 1995	3,596.0	3,714.2	1,183.2	13,836.1	14,270.6	29,289.9	1,171.5	1,192.2	454.8	2,139.3	—	2,594.1
PAD District IV												
September 1996	1,513.2	1,618.3	738.3	5,762.5	—	6,500.8	531.1	553.2	W	W	—	808.6
August 1996	1,576.7	1,676.1	763.4	W	W	7,346.7	548.9	567.5	W	W	—	918.0
September 1995	1,443.9	1,484.5	W	5,569.5	—	6,204.3	478.5	484.9	W	W	—	816.4
Colorado												
September 1996	1,174.0	1,176.1	200.4	2,194.1	—	2,394.5	396.6	396.6	76.8	254.1	—	330.9
August 1996	1,207.2	1,209.4	208.9	2,514.6	—	2,723.5	407.3	407.3	77.6	285.0	—	362.6
September 1995	1,111.1	1,111.2	196.6	W	W	2,326.3	348.4	348.4	W	W	—	300.3

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	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												
September 1996	12.4	12.4	W	W	—	127.7	154.2	156.5	157.2	W	W	2,027.0
August 1996	14.7	14.7	W	W	—	154.5	165.8	167.3	155.3	1,994.9	—	2,150.2
September 1995	16.1	16.1	W	W	—	147.0	164.1	166.9	172.5	W	W	2,108.8
North Dakota												
September 1996	W	W	W	41.1	—	W	W	4.8	W	W	—	990.0
August 1996	W	W	W	45.4	—	W	W	6.6	W	W	—	1,124.2
September 1995	W	W	W	43.2	—	W	8.6	8.9	W	W	—	1,050.3
Ohio												
September 1996	560.5	582.9	515.7	702.7	—	1,218.4	5,011.5	5,231.8	W	5,123.1	W	8,229.3
August 1996	640.3	665.8	569.9	793.9	—	1,363.8	5,455.5	5,718.5	W	5,495.5	W	8,874.2
September 1995	697.7	728.2	623.2	W	W	1,377.6	5,087.1	5,334.0	W	5,146.8	W	8,541.0
Oklahoma												
September 1996	102.2	114.8	W	447.8	W	626.5	812.8	875.2	W	W	3,545.8	6,824.6
August 1996	109.1	111.7	W	500.7	W	716.8	863.5	885.5	W	3,482.8	W	6,593.5
September 1995	121.8	132.0	W	558.6	W	778.4	803.2	865.7	W	3,417.6	W	6,915.1
South Dakota												
September 1996	0.8	W	W	W	—	W	W	18.2	46.0	1,039.9	—	1,085.9
August 1996	W	1.0	W	W	—	W	W	20.2	53.0	1,275.4	—	1,328.3
September 1995	1.0	W	W	W	—	W	20.2	20.3	55.4	1,071.0	—	1,126.4
Tennessee												
September 1996	263.7	270.6	W	W	—	1,656.4	1,410.4	1,445.0	W	7,381.4	W	8,277.5
August 1996	282.3	291.1	W	W	—	1,734.5	1,506.3	1,546.9	W	8,098.1	W	9,002.5
September 1995	315.1	319.2	W	W	—	1,976.7	1,484.8	1,513.1	W	7,644.5	W	8,306.8
Wisconsin												
September 1996	72.9	72.9	80.5	559.9	—	640.4	747.0	751.9	556.6	5,179.4	—	5,736.1
August 1996	78.2	78.2	82.9	681.6	—	764.5	819.9	826.3	W	5,740.3	W	6,311.9
September 1995	94.5	94.5	113.6	697.8	—	811.4	804.3	810.5	617.3	5,236.7	—	5,854.0
PAD District III												
September 1996	1,380.0	1,423.3	762.7	5,506.3	1,298.0	7,567.1	8,449.0	8,727.3	3,190.9	35,233.5	15,431.5	53,856.0
August 1996	1,427.7	1,473.3	785.9	6,032.3	1,782.0	8,600.2	8,684.5	8,998.8	3,312.9	37,653.9	17,161.3	58,128.1
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	19,990.7	59,168.9
Alabama												
September 1996	66.0	71.8	33.7	999.2	—	1,032.9	354.7	390.7	135.7	W	W	5,058.6
August 1996	74.5	80.7	35.9	1,111.8	—	1,147.7	387.5	426.4	145.4	W	W	5,430.6
September 1995	83.5	91.5	42.5	1,100.9	—	1,143.3	371.6	416.8	156.1	W	W	5,037.9
Arkansas												
September 1996	31.2	31.2	W	W	—	570.4	264.3	266.7	W	3,395.6	W	3,874.7
August 1996	32.6	32.6	W	591.8	W	613.8	281.0	285.0	W	3,573.0	W	4,056.0
September 1995	38.3	40.1	W	639.5	W	682.9	286.8	296.6	W	3,250.7	W	3,697.6
Louisiana												
September 1996	141.8	148.2	W	793.7	W	1,225.9	689.0	725.8	552.0	4,085.5	2,021.1	6,658.6
August 1996	147.5	154.2	191.9	850.6	167.9	1,210.4	715.1	752.7	567.6	4,350.1	1,090.6	6,008.4
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
Mississippi												
September 1996	13.6	19.3	3.1	W	W	620.6	102.9	136.1	17.6	2,964.0	466.2	3,447.8
August 1996	15.0	19.3	3.2	617.5	135.5	756.2	114.2	143.0	17.8	3,294.8	797.5	4,110.1
September 1995	17.1	20.4	4.3	W	W	708.6	107.0	130.0	19.5	3,076.6	894.2	3,990.3
New Mexico												
September 1996	46.2	47.8	W	W	—	219.1	482.2	490.0	W	W	—	1,859.3
August 1996	50.3	51.9	W	W	—	262.8	499.9	507.7	W	W	—	2,053.6
September 1995	55.2	55.9	W	W	—	234.0	459.6	466.5	W	W	—	1,812.6
Texas												
September 1996	1,081.2	1,105.0	514.4	2,398.0	985.8	3,898.2	6,555.9	6,717.9	2,225.8	18,286.9	12,444.2	32,956.9
August 1996	1,107.9	1,134.5	531.2	W	W	4,609.3	6,686.9	6,884.0	2,308.1	19,433.1	14,728.4	36,469.6
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	16,217.3	37,329.3
PAD District IV												
September 1996	343.0	374.5	W	W	—	1,363.3	2,387.3	2,546.0	1,112.8	7,559.8	—	8,672.6
August 1996	364.3	390.4	201.0	1,389.4	—	1,590.4	2,490.0	2,634.0	W	8,677.2	W	9,855.0
September 1995	433.2	459.3	W	W	W	1,596.8	2,355.6	2,428.7	W	7,599.1	W	8,617.5
Colorado												
September 1996	252.7	253.1	54.6	433.2	—	487.7	1,823.3	1,825.9	331.7	2,881.4	—	3,213.1
August 1996	264.7	265.0	58.2	489.1	—	547.3	1,879.2	1,881.7	344.6	3,288.7	—	3,633.4
September 1995	313.8	314.3	W	479.4	W	553.4	1,773.3	1,773.9	337.6	W	W	3,180.0

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Idaho												
September 1996	36.2	50.7	184.0	944.5	—	1,128.5	6.4	7.9	30.7	105.7	—	136.4
August 1996	40.8	54.5	211.2	1,073.8	—	1,285.0	7.2	8.7	33.8	131.9	—	165.6
September 1995	W	50.6	114.8	888.8	—	1,003.7	W	W	27.8	138.0	—	165.8
Montana												
September 1996	W	16.0	W	W	—	1,066.3	W	W	W	W	—	W
August 1996	W	19.6	W	W	—	1,237.2	W	W	W	W	—	W
September 1995	W	15.8	W	W	—	1,027.2	W	W	W	W	—	77.7
Utah												
September 1996	247.6	331.5	W	W	—	1,348.9	119.6	140.1	W	W	—	270.8
August 1996	262.3	339.6	308.7	W	W	1,438.5	124.7	141.7	W	W	—	301.4
September 1995	225.8	250.7	252.7	1,064.2	—	1,316.9	108.9	112.9	W	W	—	270.2
Wyoming												
September 1996	W	43.9	22.1	540.5	—	562.6	W	W	W	1.5	—	W
August 1996	W	53.1	W	W	—	662.5	W	W	W	W	—	W
September 1995	55.9	56.3	21.0	509.2	—	530.2	10.4	10.4	W	W	—	2.3
PAD District V												
September 1996	8,199.8	8,577.0	18,515.0	12,032.9	5,913.7	36,461.6	1,925.6	2,005.5	4,527.7	W	W	5,953.7
August 1996	7,443.5	7,868.2	19,029.8	13,087.9	6,360.3	38,478.0	1,821.6	1,910.0	W	1,474.0	W	6,196.7
September 1995	6,950.8	7,132.7	W	11,606.4	W	32,625.6	2,253.4	2,284.1	4,830.1	W	W	6,303.1
Alaska												
September 1996	182.2	195.1	W	250.6	W	380.5	W	W	W	W	—	14.4
August 1996	195.9	209.5	114.1	351.2	57.2	522.5	W	W	W	W	—	15.5
September 1995	171.7	193.8	96.0	239.5	96.7	432.2	W	W	W	W	—	17.6
Arizona												
September 1996	1,092.8	1,110.8	W	914.1	W	2,331.3	182.1	183.0	196.2	61.7	—	257.9
August 1996	954.3	972.8	W	955.5	W	2,441.2	174.1	175.4	202.7	67.9	—	270.7
September 1995	978.1	991.5	1,170.2	W	W	2,347.6	86.3	86.8	W	W	—	184.0
California												
September 1996	5,061.1	5,328.8	13,428.7	5,420.4	4,890.8	23,739.9	1,384.1	1,457.5	3,604.3	W	W	4,421.9
August 1996	4,616.4	4,925.1	13,879.8	5,568.2	5,491.9	24,939.9	1,312.4	1,392.8	3,706.6	W	W	4,588.6
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	W	W	5,231.6
Hawaii												
September 1996	NA	NA	343.8	56.6	—	400.4	26.4	31.7	W	W	—	99.6
August 1996	NA	NA	361.3	69.6	—	430.9	26.2	31.8	W	W	—	100.4
September 1995	110.5	157.0	329.0	63.3	—	392.3	23.3	31.4	W	W	—	98.8
Nevada												
September 1996	107.6	115.8	706.3	839.0	67.4	1,612.7	W	W	W	W	—	220.1
August 1996	87.9	95.0	W	925.2	W	1,754.3	W	W	167.9	64.9	—	232.7
September 1995	120.0	129.8	577.7	W	W	1,470.6	W	W	154.4	63.4	—	217.8
Oregon												
September 1996	441.7	449.0	889.8	1,732.9	541.1	3,163.7	54.0	54.2	98.7	125.9	—	224.6
August 1996	416.8	425.4	W	1,994.0	W	3,227.2	52.4	52.6	104.1	145.4	—	249.5
September 1995	381.6	394.0	848.0	W	W	2,564.1	26.1	26.1	W	W	—	108.8
Washington												
September 1996	1,172.9	1,188.5	W	2,819.3	W	4,833.1	212.7	212.9	361.3	353.9	—	715.2
August 1996	1,036.7	1,054.5	W	3,224.1	W	5,162.0	196.7	197.5	376.4	363.0	—	739.4
September 1995	1,019.6	1,027.0	W	2,767.0	W	4,685.1	97.4	97.7	W	W	—	444.5

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Idaho												
September 1996	W	5.9	33.6	138.4	—	172.0	W	64.5	248.3	1,188.6	—	1,436.9
August 1996	W	6.1	38.2	169.0	—	207.1	W	69.3	283.1	1,374.6	—	1,657.7
September 1995	W	W	41.4	183.6	—	224.9	W	71.6	184.0	1,210.4	—	1,394.4
Montana												
September 1996	W	W	W	197.0	—	W	W	20.9	W	W	—	1,332.2
August 1996	W	W	W	261.3	—	W	W	25.4	W	W	—	1,585.3
September 1995	W	W	W	W	—	247.4	W	20.5	W	W	—	1,352.3
Utah												
September 1996	78.6	105.1	100.3	287.1	—	387.4	445.8	576.6	489.6	1,517.4	—	2,007.0
August 1996	84.4	105.6	W	W	—	416.5	471.4	586.9	482.9	W	W	2,156.4
September 1995	97.0	113.2	W	W	—	445.3	431.7	476.8	406.0	1,626.5	—	2,032.5
Wyoming												
September 1996	6.0	W	5.4	W	—	W	52.3	58.0	W	W	—	683.3
August 1996	7.9	W	W	W	—	W	64.0	70.7	29.7	792.5	—	822.3
September 1995	12.5	19.2	W	W	—	125.8	78.7	85.9	27.5	630.8	—	658.3
PAD District V												
September 1996	1,495.6	1,580.4	5,234.6	W	W	7,844.6	11,621.0	12,162.9	28,277.2	15,163.4	6,819.3	50,259.9
August 1996	1,389.8	1,476.2	5,310.4	2,008.3	512.0	7,830.6	10,655.0	11,254.3	W	16,570.2	W	52,505.4
September 1995	1,936.0	1,977.9	W	W	633.9	9,403.1	11,140.2	11,394.7	W	15,287.9	W	48,331.9
Alaska												
September 1996	W	W	16.5	W	W	42.8	240.0	254.9	W	277.8	W	437.6
August 1996	W	W	19.2	W	W	52.3	254.8	269.8	W	386.1	W	590.2
September 1995	W	W	23.6	W	W	47.9	235.4	265.7	W	W	W	497.7
Arizona												
September 1996	216.7	218.8	W	132.0	W	387.4	1,491.6	1,512.7	1,624.1	1,107.8	244.7	2,976.6
August 1996	196.2	198.2	W	184.4	W	444.0	1,324.5	1,346.3	1,691.0	1,207.8	257.1	3,155.9
September 1995	258.0	259.0	W	229.9	W	593.5	1,322.3	1,337.4	1,640.4	W	W	3,125.0
California												
September 1996	983.5	1,044.4	4,153.4	W	W	5,633.4	7,428.7	7,830.6	21,186.3	7,001.3	5,607.7	33,795.3
August 1996	915.8	979.7	4,207.2	W	W	5,491.3	6,844.6	7,297.6	21,793.6	7,253.7	5,972.5	35,019.8
September 1995	1,305.8	1,320.3	5,149.9	W	W	6,771.7	7,398.7	7,504.8	20,900.0	7,376.4	4,460.6	32,737.1
Hawaii												
September 1996	NA	NA	W	W	—	198.6	NA	NA	619.4	79.3	—	698.6
August 1996	NA	NA	W	W	—	207.0	NA	NA	642.8	95.5	—	738.3
September 1995	49.5	66.8	W	W	—	240.5	183.2	255.3	636.6	95.0	—	731.6
Nevada												
September 1996	W	W	182.9	W	W	361.7	160.7	169.0	W	1,050.5	W	2,194.4
August 1996	W	W	W	175.6	W	381.1	132.4	139.5	1,079.9	1,165.7	122.5	2,368.1
September 1995	W	W	190.8	W	W	397.9	218.4	228.5	923.0	920.0	243.4	2,086.3
Oregon												
September 1996	53.9	55.2	126.3	206.3	54.6	387.2	549.5	558.3	1,114.8	2,065.1	595.7	3,775.5
August 1996	51.4	52.8	W	260.6	W	409.1	520.6	530.8	1,137.1	2,400.0	348.7	3,885.8
September 1995	68.7	69.5	W	220.8	W	425.4	476.4	489.6	1,068.2	1,715.9	314.2	3,098.3
Washington												
September 1996	143.0	144.1	W	408.5	W	833.5	1,528.6	1,545.5	2,563.6	3,581.7	236.6	6,381.8
August 1996	130.2	131.8	W	474.1	W	845.8	1,363.6	1,383.7	2,517.1	4,061.3	168.9	6,747.3
September 1995	188.8	188.8	426.7	W	W	926.2	1,305.7	1,313.4	2,378.3	3,492.9	184.6	6,055.8

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: 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												
September 1996	35,974.8	37,635.3	27,395.9	142,329.4	24,698.7	194,424.0	1,332.5	1,367.4	1,750.5	2,387.0	-	4,137.5
August 1996	37,864.3	39,627.2	29,077.5	154,813.2	27,587.6	211,478.2	1,245.2	1,268.5	NA	2,086.5	-	3,164.9
September 1995	39,220.0	40,964.5	35,900.2	147,523.8	33,122.4	216,546.5	801.4	815.2	1,813.7	2,543.7	1,345.2	5,702.5
PAD District I												
September 1996	9,736.9	10,319.7	8,573.0	43,359.1	2,630.7	54,562.8	-	-	-	-	-	-
August 1996	10,365.8	10,997.6	8,888.8	46,128.2	3,528.3	58,545.4	-	-	-	-	-	-
September 1995	9,651.0	10,258.9	9,095.2	42,419.0	4,033.1	55,547.3	-	-	-	-	-	-
Subdistrict IA												
September 1996	-	W	W	793.8	W	987.5	-	-	-	-	-	-
August 1996	-	W	W	984.6	W	1,180.4	-	-	-	-	-	-
September 1995	-	W	W	868.1	W	1,055.4	-	-	-	-	-	-
Connecticut												
September 1996	-	-	-	-	W	W	-	-	-	-	-	-
August 1996	-	-	-	-	W	W	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
September 1996	-	-	-	W	W	694.4	-	-	-	-	-	-
August 1996	-	-	-	W	W	828.2	-	-	-	-	-	-
September 1995	-	-	-	W	W	749.6	-	-	-	-	-	-
Massachusetts												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	W	W	-	-	-	-	-	-
New Hampshire												
September 1996	-	W	W	W	-	W	-	-	-	-	-	-
August 1996	-	W	W	W	-	W	-	-	-	-	-	-
September 1995	-	W	W	W	-	W	-	-	-	-	-	-
Rhode Island												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
September 1996	-	-	W	W	-	238.7	-	-	-	-	-	-
August 1996	-	-	W	W	-	289.5	-	-	-	-	-	-
September 1995	-	-	W	W	-	238.8	-	-	-	-	-	-
Subdistrict IB												
September 1996	2,767.6	W	W	9,251.3	W	13,738.4	-	-	-	-	-	-
August 1996	3,106.4	W	W	10,361.6	W	15,758.5	-	-	-	-	-	-
September 1995	2,664.9	W	W	9,253.4	W	14,903.4	-	-	-	-	-	-
Delaware												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
September 1996	-	-	-	-	-	-	-	-	-	-	-	-
August 1996	-	-	-	-	-	-	-	-	-	-	-	-
September 1995	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
September 1996	W	W	W	W	W	576.9	-	-	-	-	-	-
August 1996	-	W	W	W	W	636.7	-	-	-	-	-	-
September 1995	-	W	W	W	W	473.3	-	-	-	-	-	-
New Jersey												
September 1996	-	-	-	-	604.0	604.0	-	-	-	-	-	-
August 1996	-	-	-	-	958.1	958.1	-	-	-	-	-	-
September 1995	-	-	-	-	646.1	646.1	-	-	-	-	-	-
New York												
September 1996	W	1,235.8	1,310.6	3,457.2	87.5	4,855.3	-	-	-	-	-	-
August 1996	1,402.3	1,431.0	1,480.9	W	W	5,797.9	-	-	-	-	-	-
September 1995	1,209.7	1,239.1	1,375.7	3,797.4	283.7	5,456.8	-	-	-	-	-	-
Pennsylvania												
September 1996	1,557.5	1,589.8	1,344.0	W	W	7,702.2	-	-	-	-	-	-
August 1996	1,704.2	1,744.1	1,407.9	5,678.1	1,279.8	8,365.8	-	-	-	-	-	-
September 1995	1,455.2	1,503.2	W	W	1,750.9	8,327.2	-	-	-	-	-	-

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												
September 1996	18,169.9	18,911.6	47,457.9	29,694.1	10,632.4	87,784.4	55,477.2	57,914.4	76,604.2	174,410.5	35,331.1	286,345.8
August 1996	17,993.9	18,805.8	48,570.4	32,078.1	11,632.6	92,281.2	57,103.4	59,701.5	78,726.2	188,977.8	39,220.2	306,924.3
September 1995	14,434.9	14,801.2	40,021.9	25,555.8	6,772.4	72,350.1	54,456.2	56,580.9	77,735.8	175,623.3	41,239.9	294,599.1
PAD District I												
September 1996	4,033.1	4,283.5	20,593.7	13,922.3	3,834.3	38,350.2	13,770.0	14,603.2	29,166.7	57,281.4	6,465.0	92,913.0
August 1996	4,326.7	4,607.0	21,037.8	15,347.5	5,357.5	41,742.7	14,692.5	15,604.6	29,926.6	61,475.7	8,885.8	100,288.1
September 1995	3,841.3	4,125.5	20,853.1	14,232.5	4,169.5	39,255.1	13,492.4	14,384.4	29,948.3	56,651.5	8,202.6	94,802.3
Subdistrict IA												
September 1996	686.2	W	W	4,620.8	W	10,053.9	686.2	725.6	4,499.0	5,414.6	1,127.8	11,041.5
August 1996	740.3	W	W	5,278.6	W	11,102.3	740.3	789.0	4,705.2	6,263.2	1,314.3	12,282.7
September 1995	626.4	W	W	5,129.7	W	9,856.8	626.4	691.8	4,481.6	5,997.8	432.8	10,912.2
Connecticut												
September 1996	W	W	1,342.6	W	W	W	W	W	1,342.6	W	W	3,184.0
August 1996	W	W	1,370.9	1,638.6	W	W	W	W	1,370.9	1,638.6	148.7	3,158.2
September 1995	W	W	1,306.3	1,724.9	—	3,031.2	W	W	1,306.3	1,724.9	—	3,031.2
Maine												
September 1996	—	W	W	W	—	703.9	—	W	W	1,241.5	W	1,398.4
August 1996	—	W	W	W	W	916.8	—	W	W	1,516.3	W	1,745.0
September 1995	—	W	W	W	W	730.2	—	W	W	1,302.6	W	1,479.8
Massachusetts												
September 1996	381.2	414.3	2,347.5	1,657.3	643.7	4,648.5	381.2	414.3	2,347.5	1,657.3	643.7	4,648.5
August 1996	410.0	450.9	2,487.9	1,915.8	757.5	5,161.1	410.0	450.9	2,487.9	1,915.8	757.5	5,161.1
September 1995	343.9	386.5	2,372.6	W	W	W	343.9	386.5	2,372.6	W	W	4,519.0
New Hampshire												
September 1996	88.4	W	W	W	—	W	88.4	89.2	264.7	48.5	—	313.2
August 1996	91.9	W	W	W	—	W	91.9	93.2	270.1	60.0	—	330.1
September 1995	W	W	W	W	—	W	W	83.5	250.6	77.2	—	327.8
Rhode Island												
September 1996	W	79.0	422.4	836.3	—	1,258.7	W	79.0	422.4	836.3	—	1,258.7
August 1996	W	85.3	434.2	W	W	1,598.7	W	85.3	434.2	W	W	1,598.7
September 1995	69.6	70.6	420.9	W	W	1,315.7	69.6	70.6	420.9	W	W	1,315.7
Vermont												
September 1996	—	—	—	—	—	—	—	—	W	W	—	238.7
August 1996	—	—	—	—	—	—	—	—	W	W	—	289.5
September 1995	—	—	—	—	—	—	—	—	W	W	—	238.8
Subdistrict IB												
September 1996	2,498.1	W	W	7,194.6	W	24,133.4	5,265.7	5,481.8	16,771.2	16,445.9	4,654.6	37,871.8
August 1996	2,685.0	W	W	7,762.7	W	26,222.0	5,791.4	6,027.1	17,222.6	18,124.3	6,633.6	41,980.5
September 1995	2,377.1	W	W	6,964.5	W	25,154.7	5,042.0	5,304.4	17,212.7	16,217.9	6,627.5	40,058.1
Delaware												
September 1996	W	40.2	W	W	W	684.9	W	40.2	319.4	W	W	684.9
August 1996	W	49.1	W	W	W	700.6	W	49.1	331.2	W	W	700.6
September 1995	33.2	40.9	W	W	W	693.0	33.2	40.9	W	341.5	W	693.0
District of Columbia												
September 1996	—	13.5	356.9	—	—	356.9	—	13.5	356.9	—	—	356.9
August 1996	—	10.1	342.0	—	—	342.0	—	10.1	342.0	—	—	342.0
September 1995	—	12.9	376.0	—	—	376.0	—	12.9	376.0	—	—	376.0
Maryland												
September 1996	W	W	W	W	101.1	4,602.6	W	47.2	3,174.9	W	W	5,179.5
August 1996	W	W	W	W	W	4,782.0	W	51.5	3,172.2	W	W	5,418.8
September 1995	—	W	3,087.3	W	W	4,616.0	—	55.5	W	1,753.3	W	5,089.3
New Jersey												
September 1996	1,257.7	1,317.6	4,513.5	3,145.8	2,510.2	10,169.5	1,257.7	1,317.6	4,513.5	3,145.8	3,114.1	10,773.4
August 1996	1,391.5	1,458.6	4,659.2	3,395.5	3,615.6	11,670.4	1,391.5	1,458.6	4,659.2	3,395.5	4,573.7	12,628.4
September 1995	1,224.7	1,282.0	4,714.9	2,865.3	3,480.2	11,060.5	1,224.7	1,282.0	4,714.9	2,865.3	4,126.3	11,706.6
New York												
September 1996	W	696.3	4,041.9	1,169.6	155.9	5,367.5	1,874.7	1,932.2	5,352.5	4,626.9	243.4	10,222.7
August 1996	709.3	737.1	4,138.2	W	W	5,774.7	2,111.5	2,168.1	5,619.1	5,393.2	560.4	11,572.7
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
Pennsylvania												
September 1996	534.9	541.3	1,710.1	W	W	2,952.0	2,092.4	2,131.1	3,054.1	6,478.9	1,121.3	10,654.2
August 1996	538.3	545.6	1,691.1	1,261.3	—	2,952.3	2,242.5	2,289.6	3,099.0	6,939.4	1,279.8	11,318.1
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

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												
September 1996	6,969.3	7,487.1	5,840.4	33,314.0	682.5	39,836.9	—	—	—	—	—	—
August 1996	7,259.4	7,818.2	W	34,782.0	W	41,606.5	—	—	—	—	—	—
September 1995	6,986.1	7,505.4	6,148.7	32,297.4	1,142.3	39,588.4	—	—	—	—	—	—
Florida												
September 1996	3,320.7	3,519.3	4,490.1	8,920.7	77.1	13,487.9	—	—	—	—	—	—
August 1996	3,378.2	3,589.7	4,527.5	9,198.6	120.0	13,846.1	—	—	—	—	—	—
September 1995	3,253.9	3,470.0	4,661.8	8,625.4	234.3	13,521.6	—	—	—	—	—	—
Georgia												
September 1996	1,537.7	1,646.4	W	7,504.4	W	8,606.2	—	—	—	—	—	—
August 1996	1,615.5	1,741.2	932.9	W	W	8,893.6	—	—	—	—	—	—
September 1995	1,563.5	1,653.8	996.1	7,037.3	482.8	8,516.1	—	—	—	—	—	—
North Carolina												
September 1996	637.0	763.6	142.3	8,880.3	273.2	9,295.9	—	—	—	—	—	—
August 1996	686.7	819.3	W	9,096.1	W	9,711.5	—	—	—	—	—	—
September 1995	676.0	813.2	199.2	8,695.8	252.8	9,147.8	—	—	—	—	—	—
South Carolina												
September 1996	799.1	846.3	W	4,042.7	W	4,151.0	—	—	—	—	—	—
August 1996	863.1	913.8	W	4,210.9	W	4,386.2	—	—	—	—	—	—
September 1995	837.7	882.4	W	3,980.3	W	4,100.8	—	—	—	—	—	—
Virginia												
September 1996	124.6	134.7	110.8	W	W	3,720.6	—	—	—	—	—	—
August 1996	134.7	146.1	W	3,758.8	W	4,062.3	—	—	—	—	—	—
September 1995	165.5	169.0	W	3,405.0	W	3,621.6	—	—	—	—	—	—
West Virginia												
September 1996	550.4	576.9	W	W	—	575.4	—	—	—	—	—	—
August 1996	581.2	608.1	W	W	—	706.7	—	—	—	—	—	—
September 1995	489.6	517.0	W	553.6	W	680.6	—	—	—	—	—	—
PAD District II												
September 1996	15,785.4	16,339.4	10,796.6	54,038.9	6,615.3	71,450.8	860.3	882.2	W	W	—	1,586.8
August 1996	17,036.9	17,594.9	11,301.2	58,883.5	6,224.5	76,409.3	911.8	933.8	W	W	—	1,798.0
September 1995	16,985.2	17,565.2	11,613.2	55,426.8	7,636.2	74,676.2	150.6	152.5	W	W	—	1,357.1
Illinois												
September 1996	1,205.3	1,218.5	W	W	W	5,049.7	—	—	—	—	—	—
August 1996	1,301.4	1,314.6	W	W	W	5,530.7	—	—	—	—	—	—
September 1995	1,243.7	1,252.3	W	W	1,949.5	6,613.7	—	—	—	—	—	—
Indiana												
September 1996	1,521.9	1,540.0	1,270.0	3,653.5	636.5	5,560.0	—	—	—	—	—	—
August 1996	1,644.4	1,660.4	1,326.4	3,963.2	926.9	6,216.5	—	—	—	—	—	—
September 1995	1,544.5	1,557.9	1,334.9	3,828.2	377.3	5,540.5	—	—	—	—	—	—
Iowa												
September 1996	222.1	226.6	W	3,410.4	W	3,646.6	—	—	—	—	—	—
August 1996	245.8	251.1	W	3,575.8	W	3,837.9	—	—	—	—	—	—
September 1995	251.8	257.6	W	3,557.7	W	3,843.9	—	—	—	—	—	—
Kansas												
September 1996	576.3	587.9	W	2,711.3	W	3,745.8	—	—	—	—	—	—
August 1996	611.4	624.2	W	W	705.9	3,828.2	—	—	—	—	—	—
September 1995	630.7	653.4	W	2,682.3	W	3,755.5	—	—	—	—	—	—
Kentucky												
September 1996	511.7	540.1	282.4	2,592.8	—	2,875.2	—	—	—	—	—	—
August 1996	558.9	590.1	322.0	2,840.9	—	3,163.0	—	—	—	—	—	—
September 1995	537.8	566.4	363.2	2,603.1	—	2,966.3	—	—	—	—	—	—
Michigan												
September 1996	2,933.8	3,064.5	W	6,199.3	W	9,880.1	—	—	—	—	—	—
August 1996	3,183.7	3,307.4	3,805.1	6,772.9	—	10,578.0	—	—	—	—	—	—
September 1995	2,860.9	2,991.5	W	6,162.7	W	9,982.5	—	—	—	—	—	—
Minnesota												
September 1996	196.8	199.2	59.0	3,265.5	W	W	860.3	882.2	W	1,225.4	—	W
August 1996	206.1	208.2	62.8	3,458.9	W	W	911.8	933.8	W	1,461.8	—	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
Missouri												
September 1996	841.8	864.1	W	4,475.0	W	5,275.6	—	—	—	—	—	—
August 1996	853.5	875.0	639.7	4,899.4	138.2	5,677.3	—	—	—	—	—	—
September 1995	863.1	872.8	773.3	4,793.2	228.9	5,795.4	—	—	—	—	—	—

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
Subdistrict IC												
September 1996	848.8	908.7	2,056.0	2,106.8	—	4,162.9	7,818.1	8,395.8	7,896.4	35,420.8	682.5	43,999.8
August 1996	901.4	970.3	W	2,306.1	W	4,418.4	8,160.8	8,788.5	7,998.9	37,088.2	937.8	46,024.9
September 1995	837.9	882.8	2,105.3	2,138.3	—	4,243.6	7,824.0	8,388.2	8,254.0	34,435.7	1,142.3	43,832.0
Florida												
September 1996	—	—	—	—	—	—	3,320.7	3,519.3	4,490.1	8,920.7	77.1	13,487.9
August 1996	—	—	—	—	—	—	3,378.2	3,589.7	4,527.5	9,198.6	120.0	13,846.1
September 1995	—	—	—	—	—	—	3,253.9	3,470.0	4,661.8	8,625.4	234.3	13,521.6
Georgia												
September 1996	—	—	—	—	—	—	1,537.7	1,646.4	W	7,504.4	W	8,606.2
August 1996	—	—	—	—	—	—	1,615.5	1,741.2	932.9	W	W	8,893.6
September 1995	—	—	—	—	—	—	1,563.5	1,653.8	996.1	7,037.3	482.8	8,516.1
North Carolina												
September 1996	—	—	—	—	—	—	637.0	763.6	142.3	8,880.3	273.2	9,295.9
August 1996	—	—	—	—	—	—	686.7	819.3	W	9,096.1	W	9,711.5
September 1995	—	—	—	—	—	—	676.0	813.2	199.2	8,695.8	252.8	9,147.8
South Carolina												
September 1996	—	—	—	—	—	—	799.1	846.3	W	4,042.7	W	4,151.0
August 1996	—	—	—	—	—	—	863.1	913.8	W	4,210.9	W	4,386.2
September 1995	—	—	—	—	—	—	837.7	882.4	W	3,980.3	W	4,100.8
Virginia												
September 1996	848.8	908.7	2,056.0	2,106.8	—	4,162.9	973.4	1,043.4	2,166.8	W	W	7,883.5
August 1996	901.4	970.3	W	2,306.1	W	4,418.4	1,036.1	1,116.4	2,213.8	6,065.0	201.9	8,480.7
September 1995	837.9	882.8	2,105.3	2,138.3	—	4,243.6	1,003.3	1,051.8	W	5,543.3	W	7,865.2
West Virginia												
September 1996	—	—	—	—	—	—	550.4	576.9	W	W	—	575.4
August 1996	—	—	—	—	—	—	581.2	608.1	W	W	—	706.7
September 1995	—	—	—	—	—	—	489.6	517.0	W	553.6	W	680.6
PAD District II												
September 1996	2,604.2	2,653.3	W	W	—	7,606.7	19,249.9	19,874.9	14,856.5	59,172.5	6,615.3	80,644.3
August 1996	2,632.6	2,681.2	W	W	—	7,940.4	20,581.4	21,209.8	15,322.2	64,600.9	6,224.5	86,147.6
September 1995	2,422.3	2,454.5	W	W	—	7,645.1	19,558.1	20,172.2	15,772.2	60,270.0	7,636.2	83,678.4
Illinois												
September 1996	1,872.4	1,892.6	W	W	—	4,497.0	3,077.8	3,111.1	3,239.3	5,754.9	552.6	9,546.8
August 1996	1,862.6	1,881.4	W	W	—	4,640.8	3,163.9	3,196.0	3,202.6	6,233.8	735.1	10,171.5
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
Indiana												
September 1996	103.1	105.4	236.4	528.2	—	764.6	1,625.0	1,645.4	1,506.5	4,181.7	636.5	6,324.7
August 1996	99.5	101.8	248.6	574.7	—	823.3	1,743.8	1,762.1	1,575.0	4,537.9	926.9	7,039.8
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
Iowa												
September 1996	—	—	—	—	—	—	222.1	226.6	W	3,410.4	W	3,646.6
August 1996	—	—	—	—	—	—	245.8	251.1	W	3,575.8	W	3,837.9
September 1995	—	—	—	—	—	—	251.8	257.6	W	3,557.7	W	3,843.9
Kansas												
September 1996	—	—	—	—	—	—	576.3	587.9	W	2,711.3	W	3,745.8
August 1996	—	—	—	—	—	—	611.4	624.2	W	W	705.9	3,828.2
September 1995	—	—	—	—	—	—	630.7	653.4	W	2,682.3	W	3,755.5
Kentucky												
September 1996	246.6	270.6	194.7	684.6	—	879.3	758.3	810.6	477.1	3,277.4	—	3,754.5
August 1996	266.7	290.6	202.7	756.0	—	958.7	825.6	880.7	524.8	3,596.9	—	4,121.7
September 1995	246.9	268.8	211.0	680.1	—	891.1	784.7	835.2	574.2	3,283.3	—	3,857.4
Michigan												
September 1996	—	—	—	—	—	—	2,933.8	3,064.5	W	6,199.3	W	9,880.1
August 1996	—	—	—	—	—	—	3,183.7	3,307.4	3,805.1	6,772.9	—	10,578.0
September 1995	—	—	—	—	—	—	2,860.9	2,991.5	W	6,162.7	W	9,982.5
Minnesota												
September 1996	—	—	—	—	—	—	1,057.1	1,081.3	W	4,490.9	W	5,299.9
August 1996	—	—	—	—	—	—	1,117.9	1,142.0	W	4,920.7	W	5,508.4
September 1995	—	—	—	—	—	—	1,220.3	1,239.1	W	4,250.2	W	5,016.8
Missouri												
September 1996	—	—	—	—	—	—	841.8	864.1	W	4,475.0	W	5,275.6
August 1996	—	—	—	—	—	—	853.5	875.0	639.7	4,899.4	138.2	5,677.3
September 1995	—	—	—	—	—	—	863.1	872.8	773.3	4,793.2	228.9	5,795.4

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Nebraska												
September 1996	154.2	156.5	157.2	W	W	2,027.0	-	-	-	-	-	-
August 1996	165.8	167.3	155.3	1,994.9	-	2,150.2	-	-	-	-	-	-
September 1995	164.1	166.9	172.5	W	W	2,108.8	-	-	-	-	-	-
North Dakota												
September 1996	W	4.8	W	W	-	990.0	-	-	-	-	-	-
August 1996	W	6.6	W	W	-	1,124.2	-	-	-	-	-	-
September 1995	8.6	8.9	W	W	-	1,050.3	-	-	-	-	-	-
Ohio												
September 1996	5,011.5	5,231.8	W	5,123.1	W	8,229.3	-	-	-	-	-	-
August 1996	5,455.5	5,718.5	W	5,495.5	W	8,874.2	-	-	-	-	-	-
September 1995	5,087.1	5,334.0	W	5,146.8	W	8,541.0	-	-	-	-	-	-
Oklahoma												
September 1996	812.8	875.2	W	W	3,545.8	6,824.6	-	-	-	-	-	-
August 1996	863.5	885.5	W	3,482.8	W	6,593.5	-	-	-	-	-	-
September 1995	803.2	865.7	W	3,417.6	W	6,915.1	-	-	-	-	-	-
South Dakota												
September 1996	W	18.2	46.0	1,039.9	-	1,085.9	-	-	-	-	-	-
August 1996	W	20.2	53.0	1,275.4	-	1,328.3	-	-	-	-	-	-
September 1995	20.2	20.3	55.4	1,071.0	-	1,126.4	-	-	-	-	-	-
Tennessee												
September 1996	1,410.4	1,445.0	W	7,381.4	W	8,277.5	-	-	-	-	-	-
August 1996	1,506.3	1,546.9	W	8,098.1	W	9,002.5	-	-	-	-	-	-
September 1995	1,484.8	1,513.1	W	7,644.5	W	8,306.8	-	-	-	-	-	-
Wisconsin												
September 1996	365.0	367.1	W	4,104.2	-	W	-	-	-	W	-	W
August 1996	416.1	418.9	167.3	4,613.6	W	W	-	-	-	W	-	W
September 1995	414.9	417.8	W	4,251.3	-	W	-	-	-	W	-	W
PAD District III												
September 1996	W	W	W	W	13,943.6	45,204.7	W	W	W	W	-	226.4
August 1996	4,388.1	4,672.3	W	32,331.7	16,280.5	W	W	W	W	-	-	W
September 1995	W	W	W	30,256.0	W	50,263.9	W	W	W	196.9	W	796.1
Alabama												
September 1996	354.7	390.7	135.7	W	W	5,058.6	-	-	-	-	-	-
August 1996	387.5	426.4	145.4	W	W	5,430.6	-	-	-	-	-	-
September 1995	371.6	416.8	156.1	W	W	5,037.9	-	-	-	-	-	-
Arkansas												
September 1996	264.3	266.7	W	3,395.6	W	3,874.7	-	-	-	-	-	-
August 1996	281.0	285.0	W	3,573.0	W	4,056.0	-	-	-	-	-	-
September 1995	286.8	296.6	W	3,250.7	W	3,697.6	-	-	-	-	-	-
Louisiana												
September 1996	689.0	W	552.0	4,085.5	W	W	-	-	-	-	-	-
August 1996	715.1	W	567.6	4,350.1	W	W	-	-	-	-	-	-
September 1995	714.0	752.3	603.6	4,281.3	W	W	-	-	-	-	-	-
Mississippi												
September 1996	102.9	136.1	17.6	2,964.0	466.2	3,447.8	-	-	-	-	-	-
August 1996	114.2	143.0	17.8	3,294.8	797.5	4,110.1	-	-	-	-	-	-
September 1995	107.0	130.0	19.5	3,076.6	894.2	3,990.3	-	-	-	-	-	-
New Mexico												
September 1996	W	W	183.7	W	-	W	W	W	W	-	-	W
August 1996	W	W	191.4	W	-	W	W	W	W	-	-	W
September 1995	W	W	262.1	W	-	W	W	W	W	-	-	W
Texas												
September 1996	W	2,519.0	W	13,152.2	W	24,763.7	W	W	W	W	-	W
August 1996	W	2,666.0	260.7	14,110.9	W	W	-	-	-	-	-	-
September 1995	W	W	255.9	13,301.4	14,968.5	28,525.8	W	W	W	196.9	W	W
PAD District IV												
September 1996	W	W	W	W	-	8,299.7	W	W	W	W	-	372.9
August 1996	2,490.0	2,634.0	W	W	W	W	-	-	-	W	-	W
September 1995	W	W	W	W	W	W	W	W	-	W	-	W
Colorado												
September 1996	W	W	W	2,530.2	-	W	W	W	W	351.2	-	W
August 1996	1,879.2	1,881.7	344.6	W	-	W	-	-	-	W	-	W
September 1995	W	W	337.6	2,359.4	W	W	W	W	-	W	-	W

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												
September 1996	-	-	-	-	-	-	154.2	156.5	157.2	W	W	2,027.0
August 1996	-	-	-	-	-	-	165.8	167.3	155.3	1,994.9	-	2,150.2
September 1995	-	-	-	-	-	-	164.1	166.9	172.5	W	W	2,108.8
North Dakota												
September 1996	-	-	-	-	-	-	W	4.8	W	W	-	990.0
August 1996	-	-	-	-	-	-	W	6.6	W	W	-	1,124.2
September 1995	-	-	-	-	-	-	8.6	8.9	W	W	-	1,050.3
Ohio												
September 1996	-	-	-	-	-	-	5,011.5	5,231.8	W	5,123.1	W	8,229.3
August 1996	-	-	-	-	-	-	5,455.5	5,718.5	W	5,495.5	W	8,874.2
September 1995	-	-	-	-	-	-	5,087.1	5,334.0	W	5,146.8	W	8,541.0
Oklahoma												
September 1996	-	-	-	-	-	-	812.8	875.2	W	W	3,545.8	6,824.6
August 1996	-	-	-	-	-	-	863.5	885.5	W	3,482.8	W	6,593.5
September 1995	-	-	-	-	-	-	803.2	865.7	W	3,417.6	W	6,915.1
South Dakota												
September 1996	-	-	-	-	-	-	W	18.2	46.0	1,039.9	-	1,085.9
August 1996	-	-	-	-	-	-	W	20.2	53.0	1,275.4	-	1,328.3
September 1995	-	-	-	-	-	-	20.2	20.3	55.4	1,071.0	-	1,126.4
Tennessee												
September 1996	-	-	-	-	-	-	1,410.4	1,445.0	W	7,381.4	W	8,277.5
August 1996	-	-	-	-	-	-	1,506.3	1,546.9	W	8,098.1	W	9,002.5
September 1995	-	-	-	-	-	-	1,484.8	1,513.1	W	7,644.5	W	8,306.8
Wisconsin												
September 1996	382.0	384.8	W	W	-	1,465.7	747.0	751.9	556.6	5,179.4	-	5,736.1
August 1996	403.9	407.4	W	W	-	1,517.5	819.9	826.3	W	5,740.3	W	6,311.9
September 1995	389.5	392.7	W	W	-	1,383.6	804.3	810.5	617.3	5,236.7	-	5,854.0
PAD District III												
September 1996	4,103.9	4,144.2	1,970.6	4,966.4	1,487.9	8,425.0	8,449.0	8,727.3	3,190.9	35,233.5	15,431.5	53,856.0
August 1996	W	W	2,047.4	5,322.2	880.7	8,250.4	8,684.5	8,998.8	3,312.9	37,653.9	17,161.3	58,128.1
September 1995	3,552.4	3,566.7	W	5,362.0	W	8,108.9	7,909.9	8,200.9	3,363.3	35,814.9	19,990.7	59,168.9
Alabama												
September 1996	-	-	-	-	-	-	354.7	390.7	135.7	W	W	5,058.6
August 1996	-	-	-	-	-	-	387.5	426.4	145.4	W	W	5,430.6
September 1995	-	-	-	-	-	-	371.6	416.8	156.1	W	W	5,037.9
Arkansas												
September 1996	-	-	-	-	-	-	264.3	266.7	W	3,395.6	W	3,874.7
August 1996	-	-	-	-	-	-	281.0	285.0	W	3,573.0	W	4,056.0
September 1995	-	-	-	-	-	-	286.8	296.6	W	3,250.7	W	3,697.6
Louisiana												
September 1996	-	W	-	-	W	W	689.0	725.8	552.0	4,085.5	2,021.1	6,658.6
August 1996	-	W	-	-	W	W	715.1	752.7	567.6	4,350.1	1,090.6	6,008.4
September 1995	-	-	-	-	W	W	714.0	752.3	603.6	4,281.3	2,416.4	7,301.3
Mississippi												
September 1996	-	-	-	-	-	-	102.9	136.1	17.6	2,964.0	466.2	3,447.8
August 1996	-	-	-	-	-	-	114.2	143.0	17.8	3,294.8	797.5	4,110.1
September 1995	-	-	-	-	-	-	107.0	130.0	19.5	3,076.6	894.2	3,990.3
New Mexico												
September 1996	-	-	-	-	-	-	482.2	490.0	W	W	-	1,859.3
August 1996	-	-	-	-	-	-	499.9	507.7	W	W	-	2,053.6
September 1995	-	-	-	-	-	-	459.6	466.5	W	W	-	1,812.6
Texas												
September 1996	4,103.9	W	1,970.6	W	W	W	6,555.9	6,717.9	2,225.8	18,286.9	12,444.2	32,956.9
August 1996	W	4,217.9	2,047.4	5,322.2	W	W	6,686.9	6,884.0	2,308.1	19,433.1	14,728.4	36,469.6
September 1995	3,552.4	3,566.7	W	5,362.0	W	W	5,971.0	6,138.6	2,251.8	18,860.3	16,217.3	37,329.3
PAD District IV												
September 1996	-	-	-	-	-	-	2,387.3	2,546.0	1,112.8	7,559.8	-	8,672.6
August 1996	-	-	-	-	-	-	2,490.0	2,634.0	W	8,677.2	W	9,855.0
September 1995	-	-	-	-	-	-	2,355.6	2,428.7	W	7,599.1	W	8,617.5
Colorado												
September 1996	-	-	-	-	-	-	1,823.3	1,825.9	331.7	2,881.4	-	3,213.1
August 1996	-	-	-	-	-	-	1,879.2	1,881.7	344.6	3,288.7	-	3,633.4
September 1995	-	-	-	-	-	-	1,773.3	1,773.9	337.6	W	W	3,180.0

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Idaho												
September 1996	W	64.5	248.3	1,188.6	—	1,436.9	—	—	—	—	—	—
August 1996	W	69.3	283.1	1,374.6	—	1,657.7	—	—	—	—	—	—
September 1995	W	71.6	184.0	1,210.4	—	1,394.4	—	—	—	—	—	—
Montana												
September 1996	W	20.9	W	W	—	1,332.2	—	—	—	—	—	—
August 1996	W	25.4	W	W	—	1,585.3	—	—	—	—	—	—
September 1995	W	20.5	W	W	—	1,352.3	—	—	—	—	—	—
Utah												
September 1996	445.8	W	489.6	W	—	W	—	W	—	W	—	W
August 1996	471.4	586.9	482.9	W	W	2,156.4	—	—	—	—	—	—
September 1995	431.7	476.8	406.0	1,626.5	—	2,032.5	—	—	—	—	—	—
Wyoming												
September 1996	52.3	58.0	W	W	—	683.3	—	—	—	—	—	—
August 1996	64.0	70.7	29.7	792.5	—	822.3	—	—	—	—	—	—
September 1995	78.7	85.9	27.5	630.8	—	658.3	—	—	—	—	—	—
PAD District V												
September 1996	3,837.4	3,972.6	5,765.5	7,631.3	1,509.1	14,905.9	NA	NA	W	W	—	1,951.4
August 1996	3,583.5	3,728.5	W	W	W	17,231.9	W	W	NA	216.8	—	NA
September 1995	6,044.1	6,258.1	W	W	2,735.2	W	477.3	482.1	1,454.0	W	W	W
Alaska												
September 1996	W	W	22.8	W	W	W	W	W	W	W	—	W
August 1996	W	W	35.8	W	W	476.5	W	W	W	W	—	113.7
September 1995	W	W	71.3	W	W	W	W	W	W	—	—	W
Arizona												
September 1996	1,468.2	1,489.3	1,512.9	1,087.2	244.7	2,844.8	23.4	23.4	111.2	20.5	—	131.7
August 1996	W	W	W	1,207.8	257.1	W	W	W	W	—	—	W
September 1995	1,228.3	1,242.8	W	1,362.4	W	2,899.5	94.1	94.6	W	W	—	225.5
California												
September 1996	—	—	—	W	297.5	W	—	—	—	—	—	—
August 1996	—	—	—	W	W	672.1	—	—	—	—	—	—
September 1995	W	W	7,218.0	5,138.0	1,831.6	14,187.6	W	W	W	W	W	1,208.5
Hawaii												
September 1996	NA	NA	619.4	79.3	—	698.6	—	—	—	—	—	—
August 1996	NA	NA	642.8	95.5	—	738.3	—	—	—	—	—	—
September 1995	183.2	255.3	636.6	95.0	—	731.6	—	—	—	—	—	—
Nevada												
September 1996	105.5	110.8	733.6	842.5	W	W	55.2	58.2	W	208.0	—	W
August 1996	132.4	139.5	1,079.9	W	122.5	W	—	—	—	W	—	W
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
Oregon												
September 1996	471.9	480.7	955.1	W	W	3,610.9	NA	NA	W	—	—	W
August 1996	457.7	467.9	1,023.5	2,400.0	348.7	3,772.2	NA	NA	NA	—	—	NA
September 1995	W	W	W	1,715.9	314.2	W	W	W	W	—	—	W
Washington												
September 1996	W	W	1,921.7	3,181.1	236.6	5,339.4	W	W	NA	400.6	—	NA
August 1996	1,216.8	1,237.0	2,034.9	3,903.8	168.9	6,107.6	NA	NA	NA	157.4	—	NA
September 1995	W	W	W	W	W	5,040.2	W	W	W	W	—	1,015.6

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												
September 1996	-	-	-	-	-	-	W	64.5	248.3	1,188.6	-	1,436.9
August 1996	-	-	-	-	-	-	W	69.3	283.1	1,374.6	-	1,657.7
September 1995	-	-	-	-	-	-	W	71.6	184.0	1,210.4	-	1,394.4
Montana												
September 1996	-	-	-	-	-	-	W	20.9	W	W	-	1,332.2
August 1996	-	-	-	-	-	-	W	25.4	W	W	-	1,585.3
September 1995	-	-	-	-	-	-	W	20.5	W	W	-	1,352.3
Utah												
September 1996	-	-	-	-	-	-	445.8	576.6	489.6	1,517.4	-	2,007.0
August 1996	-	-	-	-	-	-	471.4	586.9	482.9	W	W	2,156.4
September 1995	-	-	-	-	-	-	431.7	476.8	406.0	1,626.5	-	2,032.5
Wyoming												
September 1996	-	-	-	-	-	-	52.3	58.0	W	W	-	683.3
August 1996	-	-	-	-	-	-	64.0	70.7	29.7	792.5	-	822.3
September 1995	-	-	-	-	-	-	78.7	85.9	27.5	630.8	-	658.3
PAD District V												
September 1996	7,428.7	7,830.6	W	W	5,310.2	33,402.6	11,621.0	12,162.9	28,277.2	15,163.4	6,819.3	50,259.9
August 1996	W	W	W	W	5,394.5	34,347.7	10,655.0	11,254.3	W	16,570.2	W	52,505.4
September 1995	4,618.8	4,654.4	W	W	W	17,341.0	11,140.2	11,394.7	W	15,287.9	W	48,331.9
Alaska												
September 1996	-	-	-	-	-	-	240.0	254.9	W	277.8	W	437.6
August 1996	-	-	-	-	-	-	254.8	269.8	W	386.1	W	590.2
September 1995	-	-	-	-	-	-	235.4	265.7	W	W	W	497.7
Arizona												
September 1996	-	-	-	-	-	-	1,491.6	1,512.7	1,624.1	1,107.8	244.7	2,976.6
August 1996	-	-	-	-	-	-	1,324.5	1,346.3	1,691.0	1,207.8	257.1	3,155.9
September 1995	-	-	-	-	-	-	1,322.3	1,337.4	1,640.4	W	W	3,125.0
California												
September 1996	7,428.7	7,830.6	21,186.3	W	5,310.2	W	7,428.7	7,830.6	21,186.3	7,001.3	5,607.7	33,795.3
August 1996	W	W	W	W	W	34,347.7	6,844.6	7,297.6	21,793.6	7,253.7	5,972.5	35,019.8
September 1995	4,618.8	4,654.4	W	W	W	17,341.0	7,398.7	7,504.8	20,900.0	7,376.4	4,460.6	32,737.1
Hawaii												
September 1996	-	-	-	-	-	-	NA	NA	619.4	79.3	-	698.6
August 1996	-	-	-	-	-	-	NA	NA	642.8	95.5	-	738.3
September 1995	-	-	-	-	-	-	183.2	255.3	636.6	95.0	-	731.6
Nevada												
September 1996	-	-	-	-	-	-	160.7	169.0	W	1,050.5	W	2,194.4
August 1996	-	-	-	-	-	-	132.4	139.5	1,079.9	1,165.7	122.5	2,368.1
September 1995	-	-	-	-	-	-	218.4	228.5	923.0	920.0	243.4	2,086.3
Oregon												
September 1996	-	-	W	W	-	W	549.5	558.3	1,114.8	2,065.1	595.7	3,775.5
August 1996	-	-	-	-	-	-	520.6	530.8	1,137.1	2,400.0	348.7	3,885.8
September 1995	-	-	-	-	-	-	476.4	489.6	1,068.2	1,715.9	314.2	3,098.3
Washington												
September 1996	-	-	-	-	-	-	1,528.6	1,545.5	2,563.6	3,581.7	236.6	6,381.8
August 1996	-	-	-	-	-	-	1,363.6	1,383.7	2,517.1	4,061.3	168.9	6,747.3
September 1995	-	-	-	-	-	-	1,305.7	1,313.4	2,378.3	3,492.9	184.6	6,055.8

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: 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										
September 1996	163.1	701.0	51,204.0	10,048.9	265.5	1,970.0	206.7	906.8	4,236.2	30,366.8
August 1996	200.2	854.8	50,324.7	11,706.4	202.7	1,112.1	168.8	380.9	2,441.2	30,174.1
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
PAD District I										
September 1996	62.5	116.7	13,613.9	1,899.5	68.2	1,157.6	2.4	26.0	82.9	4,036.2
August 1996	77.4	127.5	12,658.7	1,932.5	55.0	623.5	2.3	W	79.2	4,466.4
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
Subdistrict IA										
September 1996	W	17.3	1,255.8	86.9	2.1	169.2	W	2.4	W	53.7
August 1996	W	18.8	962.2	79.6	3.3	26.8	W	2.5	W	61.1
September 1995	W	W	966.2	107.5	3.3	90.7	W	W	W	54.4
Connecticut										
September 1996	W	3.3	325.5	16.0	W	W	-	W	W	21.1
August 1996	W	3.4	145.2	11.3	W	W	-	W	W	19.4
September 1995	W	W	195.9	14.9	W	W	-	W	W	W
Maine										
September 1996	W	W	W	14.0	-	15.0	-	W	-	9.7
August 1996	W	W	W	W	W	4.5	-	W	-	9.7
September 1995	W	W	W	7.7	W	58.9	-	W	-	9.0
Massachusetts										
September 1996	W	W	803.1	52.1	W	W	-	-	W	W
August 1996	W	7.2	W	52.6	W	W	-	-	W	7.0
September 1995	W	W	620.1	79.7	2.5	14.9	-	-	W	6.3
New Hampshire										
September 1996	W	W	W	W	W	W	W	-	W	W
August 1996	W	W	W	W	W	W	W	-	W	W
September 1995	W	W	W	W	W	W	W	-	W	W
Rhode Island										
September 1996	-	W	32.4	1.5	-	W	-	W	-	-
August 1996	-	W	27.8	3.1	-	W	-	W	-	W
September 1995	W	W	42.3	2.6	-	-	-	W	-	W
Vermont										
September 1996	W	W	6.2	W	-	W	-	W	-	16.0
August 1996	W	-	10.1	W	-	W	-	-	-	W
September 1995	W	W	10.8	W	-	W	-	W	-	12.7
Subdistrict IB										
September 1996	W	24.5	6,099.4	1,209.4	60.1	538.5	1.6	22.3	W	1,302.3
August 1996	W	34.2	6,335.2	1,170.0	45.6	364.6	W	7.4	W	1,305.5
September 1995	W	W	6,436.4	1,025.3	91.7	529.3	1.1	2.9	W	1,402.4
Delaware										
September 1996	W	W	1.3	W	-	-	-	-	-	W
August 1996	W	W	1.2	W	-	W	-	-	-	W
September 1995	W	W	W	W	-	-	-	-	-	W
District of Columbia										
September 1996	-	-	-	W	-	-	-	-	-	-
August 1996	W	-	-	W	-	-	-	-	-	-
September 1995	W	-	-	-	-	-	-	-	-	-
Maryland										
September 1996	W	W	318.2	12.6	W	W	W	W	-	W
August 1996	W	W	381.0	14.2	W	W	W	W	-	W
September 1995	W	W	W	W	1.3	28.9	W	W	-	W
New Jersey										
September 1996	W	8.9	3,888.8	686.5	W	151.5	-	W	W	282.5
August 1996	W	12.8	3,853.9	671.8	W	203.4	-	W	W	386.9
September 1995	W	18.4	4,190.3	638.3	W	205.4	-	-	-	478.4
New York										
September 1996	W	5.8	891.9	188.3	W	W	W	W	W	304.3
August 1996	W	7.9	1,042.3	195.1	W	49.0	W	0.9	W	236.4
September 1995	W	W	733.7	153.8	W	125.7	W	1.4	-	220.9
Pennsylvania										
September 1996	5.6	7.6	999.2	291.8	8.5	211.5	W	W	W	551.6
August 1996	9.0	9.4	1,056.8	247.7	4.9	89.3	-	1.1	W	549.7
September 1995	7.8	3.9	1,117.4	225.4	8.8	169.3	W	W	W	619.7

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene		No. 1 Distillate		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Subdistrict IC										
September 1996	39.1	74.9	6,258.8	603.2	6.1	449.9	W	1.3	78.3	2,680.2
August 1996	41.9	74.5	5,361.3	682.9	6.2	232.1	W	W	75.4	3,099.8
September 1995	44.3	76.6	5,197.7	807.6	8.7	446.6	W	W	65.6	2,261.9
Florida										
September 1996	20.6	35.9	3,226.6	187.2	0.2	24.2	—	—	W	588.8
August 1996	24.2	30.9	2,578.7	231.2	0.2	W	—	—	W	453.5
September 1995	22.8	34.8	2,073.9	175.1	0.1	23.5	—	—	W	455.1
Georgia										
September 1996	4.2	18.1	1,430.7	232.4	0.2	26.9	—	—	W	552.5
August 1996	3.5	20.1	1,246.8	243.3	W	24.3	—	—	W	565.9
September 1995	5.3	16.9	1,571.1	418.9	0.3	26.1	—	W	—	454.5
North Carolina										
September 1996	W	15.3	633.8	106.8	W	180.8	—	W	W	885.8
August 1996	W	16.7	558.3	115.1	W	81.8	—	W	W	1,049.5
September 1995	6.7	13.7	411.6	139.0	W	191.9	—	—	W	668.7
South Carolina										
September 1996	W	3.6	W	27.8	0.5	94.2	—	—	W	367.2
August 1996	W	4.0	W	W	0.6	43.9	—	—	W	855.2
September 1995	1.6	7.0	W	W	1.2	95.9	—	—	W	376.3
Virginia										
September 1996	W	W	853.9	44.8	W	111.2	—	W	W	W
August 1996	W	W	860.2	49.1	W	59.0	—	—	W	W
September 1995	W	W	1,056.2	46.7	W	103.2	—	—	W	W
West Virginia										
September 1996	W	W	W	4.2	1.3	12.6	W	W	—	W
August 1996	W	W	W	W	1.3	W	W	W	—	W
September 1995	W	W	W	W	2.1	6.0	W	W	—	W
PAD District II										
September 1996	27.0	208.6	9,068.1	1,316.9	W	506.7	130.0	523.9	723.0	10,927.0
August 1996	29.6	264.5	9,370.7	1,134.5	144.7	211.3	110.2	171.6	495.6	9,931.2
September 1995	77.6	170.1	9,146.3	1,086.7	W	518.7	125.3	521.0	828.8	10,205.8
Illinois										
September 1996	W	W	1,831.9	152.1	1.6	34.8	W	21.8	W	1,579.7
August 1996	W	W	2,015.9	87.8	W	44.1	W	11.0	W	1,459.1
September 1995	W	W	1,856.0	88.7	2.1	21.0	W	25.4	W	1,546.9
Indiana										
September 1996	W	14.1	1,635.3	161.8	W	35.7	W	18.8	W	582.2
August 1996	W	32.6	1,797.8	85.0	W	18.6	W	15.2	W	481.8
September 1995	W	19.6	1,712.0	142.0	W	118.3	1.7	18.8	W	640.8
Iowa										
September 1996	W	W	74.0	19.5	—	1.9	W	55.2	W	577.1
August 1996	W	W	73.6	24.1	—	2.3	W	18.1	W	430.2
September 1995	W	W	89.8	14.6	—	3.5	1.6	55.3	W	448.5
Kansas										
September 1996	W	14.9	W	35.3	—	3.7	W	46.4	W	3,079.4
August 1996	W	14.6	W	67.5	—	W	W	4.6	W	3,065.8
September 1995	W	11.6	W	W	—	5.8	1.6	38.1	W	2,512.4
Kentucky										
September 1996	W	4.3	430.0	W	0.4	43.6	W	W	W	491.8
August 1996	W	W	500.1	W	0.2	13.2	—	W	W	505.7
September 1995	3.0	4.9	567.2	64.9	W	45.3	W	W	W	623.1
Michigan										
September 1996	W	W	817.3	92.7	1.8	146.5	W	14.8	W	702.3
August 1996	0.8	66.4	810.1	81.9	W	25.4	W	8.9	W	658.4
September 1995	W	W	911.1	56.8	1.2	69.3	W	22.4	W	515.8
Minnesota										
September 1996	W	W	1,075.3	W	W	14.7	W	87.6	W	671.1
August 1996	W	W	1,032.6	151.3	W	9.5	W	26.9	W	689.7
September 1995	W	W	904.0	125.2	W	18.4	W	81.7	W	704.1
Missouri										
September 1996	W	13.8	366.9	64.0	—	7.8	W	14.8	—	880.2
August 1996	W	15.7	331.2	72.4	—	2.5	W	11.5	—	550.3
September 1995	1.3	14.4	363.5	64.9	—	5.1	W	13.5	—	809.6

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										
September 1996	W	W	90.4	22.6	—	W	1.0	53.7	—	234.0
August 1996	W	W	88.5	18.6	—	W	W	7.2	—	206.6
September 1995	W	6.4	75.2	15.5	—	3.2	W	59.0	W	280.2
North Dakota										
September 1996	W	W	W	9.7	—	W	W	52.7	W	188.9
August 1996	W	W	W	W	—	W	W	13.4	W	200.7
September 1995	W	W	W	10.5	—	W	W	52.1	W	176.3
Ohio										
September 1996	W	33.3	1,074.3	249.1	7.4	108.6	W	6.7	W	551.9
August 1996	W	39.1	1,116.4	242.7	7.2	51.8	0.5	3.0	W	554.4
September 1995	W	26.1	1,038.0	170.3	12.3	125.2	W	12.2	W	651.4
Oklahoma										
September 1996	W	10.4	373.6	161.1	—	2.6	W	W	W	555.9
August 1996	W	13.3	353.3	100.3	—	4.1	W	W	W	450.5
September 1995	W	14.0	500.5	217.0	—	W	—	18.0	W	593.0
South Dakota										
September 1996	W	W	20.6	8.7	—	1.0	W	46.8	W	126.5
August 1996	W	W	18.0	11.5	—	W	W	11.4	W	107.4
September 1995	W	W	19.6	W	—	1.8	W	52.0	W	127.2
Tennessee										
September 1996	5.6	12.2	905.7	61.7	W	96.9	—	—	W	292.8
August 1996	5.9	13.2	891.2	51.0	W	36.2	—	—	W	247.6
September 1995	6.5	11.2	808.6	42.9	0.3	92.3	—	W	—	150.3
Wisconsin										
September 1996	W	W	190.6	39.6	W	7.3	3.6	101.4	W	413.3
August 1996	W	W	185.1	32.1	—	2.1	W	38.0	W	323.0
September 1995	W	W	158.6	40.1	W	8.4	W	71.1	W	426.2
PAD District III										
September 1996	21.9	128.8	10,922.2	4,232.9	2.0	249.0	—	27.5	3,195.7	12,256.5
August 1996	29.6	135.0	10,629.8	5,539.0	W	247.7	—	W	1,620.8	13,279.4
September 1995	30.4	116.3	8,386.9	4,776.1	W	156.1	—	59.8	1,902.0	11,594.2
Alabama										
September 1996	W	7.4	118.9	31.0	W	11.7	—	—	W	393.7
August 1996	4.1	8.5	129.5	100.8	W	7.0	—	—	W	388.9
September 1995	3.9	8.9	129.9	31.0	W	14.0	—	—	W	326.3
Arkansas										
September 1996	W	W	80.8	41.8	—	W	—	—	W	209.3
August 1996	W	W	81.5	41.8	—	W	—	—	W	103.4
September 1995	W	9.2	66.8	29.1	—	10.7	—	—	W	234.5
Louisiana										
September 1996	2.9	10.3	2,595.7	794.9	W	102.5	—	W	961.8	1,313.8
August 1996	4.0	7.5	2,031.0	955.8	W	11.3	—	W	1,050.2	1,461.9
September 1995	W	8.5	2,397.8	1,270.5	W	77.6	—	—	985.9	1,133.2
Mississippi										
September 1996	W	W	537.7	354.7	W	W	—	—	W	618.9
August 1996	W	8.6	819.2	447.4	W	W	—	—	W	1,013.3
September 1995	W	W	617.0	191.8	W	W	—	—	W	728.6
New Mexico										
September 1996	W	W	156.1	18.5	—	—	—	2.6	W	481.3
August 1996	W	W	147.9	29.4	—	W	—	1.6	W	465.4
September 1995	W	W	176.1	32.3	—	W	—	2.9	W	444.7
Texas										
September 1996	8.9	84.2	7,432.9	2,992.1	W	118.9	—	W	2,121.1	9,239.5
August 1996	13.6	87.3	7,420.7	3,963.9	W	118.7	—	W	491.6	9,846.6
September 1995	12.8	70.7	4,999.3	3,221.4	W	15.0	—	56.9	809.2	8,726.9
PAD District IV										
September 1996	11.7	30.9	1,445.7	259.5	—	8.1	6.5	112.8	W	1,292.9
August 1996	18.6	54.5	1,597.2	212.0	—	3.2	W	52.4	W	917.4
September 1995	12.3	34.6	1,234.9	126.6	—	10.2	1.5	90.4	W	926.7
Colorado										
September 1996	2.8	14.5	658.8	93.3	—	6.8	W	22.6	W	590.7
August 1996	2.9	23.2	695.3	117.2	—	2.5	—	20.5	W	236.5
September 1995	3.0	16.3	610.5	74.1	—	7.0	—	20.9	W	301.6

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										
September 1996	W	W	W	22.7	—	W	W	16.9	W	W
August 1996	W	W	W	20.1	—	W	—	5.0	W	W
September 1995	W	W	W	20.1	—	W	W	11.1	W	W
Montana										
September 1996	W	W	80.0	W	—	W	W	38.1	W	224.6
August 1996	W	W	79.4	W	—	—	W	12.2	W	209.8
September 1995	W	W	57.5	W	—	0.1	W	31.9	W	188.2
Utah										
September 1996	W	7.3	651.1	24.2	—	W	W	16.2	W	W
August 1996	0.8	10.7	751.7	26.8	—	W	—	5.8	W	W
September 1995	W	11.3	505.8	20.3	—	W	W	9.7	W	W
Wyoming										
September 1996	W	2.0	W	W	—	—	1.3	19.1	W	351.5
August 1996	W	W	W	W	—	—	W	8.9	5.6	352.4
September 1995	W	W	W	W	—	W	0.7	16.9	W	336.5
PAD District V										
September 1996	40.1	216.0	16,154.1	2,340.2	W	48.5	67.7	216.6	W	1,854.3
August 1996	44.9	273.5	16,068.3	2,888.3	W	26.3	W	122.4	W	1,579.7
September 1995	42.0	247.0	14,036.1	2,304.7	W	46.1	31.2	314.9	W	1,544.5
Alaska										
September 1996	W	64.9	1,887.1	169.3	—	—	W	189.8	W	W
August 1996	W	W	1,930.6	494.4	—	W	W	95.4	W	W
September 1995	W	56.9	1,685.1	241.4	—	W	26.7	288.9	W	W
Arizona										
September 1996	5.0	12.2	734.3	99.7	—	—	—	—	NA	69.6
August 1996	4.6	16.3	555.2	96.0	—	W	—	—	NA	41.3
September 1995	4.0	14.7	521.3	99.9	—	—	—	W	W	W
California										
September 1996	15.8	84.5	9,853.4	1,443.9	W	19.1	W	W	W	1,174.1
August 1996	18.7	106.8	9,618.9	1,563.5	W	8.5	—	W	W	1,033.4
September 1995	16.3	112.1	8,503.2	1,338.4	W	12.2	—	W	W	1,060.6
Hawaii										
September 1996	W	W	598.6	W	—	—	—	—	NA	W
August 1996	W	W	676.4	W	—	—	—	W	NA	W
September 1995	W	W	724.7	285.7	—	—	—	W	W	W
Nevada										
September 1996	W	16.7	855.5	86.7	—	—	W	—	W	49.9
August 1996	W	17.2	711.2	75.3	—	—	W	—	W	47.6
September 1995	W	6.6	601.1	99.0	—	W	W	W	—	W
Oregon										
September 1996	W	W	552.7	W	—	NA	W	W	W	5.6
August 1996	W	W	566.6	W	—	NA	W	15.9	W	2.8
September 1995	W	W	509.5	39.7	—	10.9	W	12.8	W	10.0
Washington										
September 1996	W	W	1,672.4	130.6	—	19.3	W	19.7	W	458.8
August 1996	W	W	2,009.3	146.5	—	10.3	W	10.5	W	376.2
September 1995	W	W	1,491.1	200.5	—	22.5	W	12.1	W	333.6

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										
September 1996	14,188.8	71,562.4	7,230.7	13,684.7	21,419.5	85,247.1	2,628.1	26,858.3	24,047.6	112,105.5
August 1996	14,310.1	72,343.3	7,818.2	15,044.4	22,128.3	87,387.7	2,634.4	23,884.1	24,762.7	111,271.7
September 1995	14,523.2	67,087.5	7,547.1	15,054.3	22,070.4	82,141.8	2,902.8	24,443.3	24,973.2	106,585.0
PAD District I										
September 1996	4,313.8	16,137.0	1,152.1	2,327.6	5,465.9	18,464.6	837.1	12,831.8	6,303.0	31,296.4
August 1996	4,384.2	16,601.2	1,294.8	2,351.0	5,679.1	18,952.2	765.9	12,185.7	6,445.0	31,137.9
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
Subdistrict IA										
September 1996	W	W	W	W	319.9	1,464.8	66.2	2,018.8	386.1	3,483.6
August 1996	W	W	W	W	349.5	1,422.9	66.3	1,330.0	415.8	2,752.9
September 1995	W	1,512.2	W	12.0	289.6	1,524.2	103.9	2,202.2	393.5	3,726.4
Connecticut										
September 1996	100.9	W	W	W	W	322.6	W	494.9	115.0	817.6
August 1996	121.7	W	W	W	W	415.6	W	526.3	134.0	941.8
September 1995	W	611.0	W	-	114.2	611.0	8.6	789.1	122.8	1,400.1
Maine										
September 1996	W	W	W	W	W	163.0	W	220.9	22.7	383.9
August 1996	W	W	W	W	W	155.8	NA	148.2	26.0	304.0
September 1995	W	W	-	W	W	166.3	W	250.2	13.8	416.5
Massachusetts										
September 1996	124.1	W	W	W	W	488.9	W	919.4	177.4	1,408.3
August 1996	132.3	W	W	W	W	530.1	W	438.1	194.1	968.1
September 1995	W	446.4	W	4.1	130.9	450.5	77.7	769.4	208.6	1,219.9
New Hampshire										
September 1996	W	W	-	-	W	W	W	W	27.8	111.9
August 1996	W	W	-	-	W	W	W	W	18.3	74.0
September 1995	W	W	-	-	W	W	W	W	21.0	170.7
Rhode Island										
September 1996	W	W	-	W	W	394.3	W	315.1	24.3	709.5
August 1996	W	W	-	W	W	244.3	W	174.9	26.0	419.3
September 1995	13.1	W	-	W	13.1	160.4	5.8	308.2	18.9	468.7
Vermont										
September 1996	14.2	W	W	-	W	W	W	W	19.0	52.5
August 1996	W	W	W	-	17.3	W	-	W	17.3	45.7
September 1995	4.4	W	W	-	W	W	W	W	8.4	50.4
Subdistrict IB										
September 1996	W	W	W	W	1,759.9	7,902.5	396.5	7,898.8	2,156.4	15,801.2
August 1996	W	W	W	W	1,806.3	7,866.2	336.2	8,120.0	2,142.5	15,986.2
September 1995	W	6,534.9	W	436.5	1,868.5	6,971.4	457.9	7,047.3	2,326.5	14,018.7
Delaware										
September 1996	32.5	W	W	W	W	W	W	W	W	W
August 1996	W	256.1	-	W	W	W	W	W	W	W
September 1995	14.0	W	W	W	W	W	W	W	W	W
District of Columbia										
September 1996	W	W	-	-	W	W	-	W	W	W
August 1996	W	W	-	-	W	W	-	W	W	W
September 1995	W	W	-	-	W	W	W	W	W	W
Maryland										
September 1996	206.1	470.0	5.4	131.9	211.5	602.0	W	291.2	260.4	893.1
August 1996	W	501.9	W	147.7	228.8	649.6	W	426.9	264.0	1,076.5
September 1995	204.2	W	9.9	W	214.1	551.5	57.4	242.6	271.5	794.1
New Jersey										
September 1996	W	2,872.8	W	349.3	436.9	3,222.1	83.2	3,318.8	520.1	6,540.9
August 1996	327.4	2,613.0	106.0	459.2	433.4	3,072.2	77.6	3,370.3	511.0	6,442.5
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
New York										
September 1996	265.5	1,018.3	22.6	22.8	288.1	1,041.2	144.2	1,870.7	432.3	2,911.8
August 1996	243.5	1,053.8	18.7	21.8	262.2	1,075.6	112.5	2,063.2	374.7	3,138.8
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
Pennsylvania										
September 1996	686.2	W	98.9	W	785.1	2,760.9	104.2	2,144.2	889.3	4,905.1
August 1996	701.2	2,527.3	139.8	250.0	841.0	2,777.4	98.0	2,158.8	939.0	4,936.2
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

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										
September 1996	2,490.0	7,784.9	896.0	1,312.4	3,386.1	9,097.4	374.4	2,914.2	3,760.5	12,011.6
August 1996	2,528.1	8,270.8	995.2	1,392.2	3,523.3	9,663.1	363.5	2,735.7	3,886.7	12,398.8
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
Florida										
September 1996	890.2	1,958.7	357.1	437.6	1,247.2	2,396.3	12.0	515.3	1,259.3	2,911.6
August 1996	920.6	1,992.0	456.8	468.4	1,377.5	2,460.4	28.9	516.4	1,406.3	2,976.8
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
Georgia										
September 1996	683.0	1,538.4	125.7	199.2	808.7	1,737.5	25.5	492.1	834.2	2,229.7
August 1996	650.1	1,739.1	136.2	225.9	786.3	1,965.0	16.4	467.5	802.6	2,432.5
September 1995	911.0	1,456.2	W	193.3	W	1,649.4	W	465.2	1,257.2	2,114.6
North Carolina										
September 1996	327.4	1,710.6	79.5	319.1	406.9	2,029.8	214.2	613.6	621.1	2,643.3
August 1996	359.9	1,729.6	85.5	313.6	445.5	2,043.2	165.6	594.2	611.1	2,637.4
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
South Carolina										
September 1996	212.8	W	40.8	W	253.6	774.3	31.6	264.7	285.2	1,039.1
August 1996	W	W	45.1	W	W	810.8	W	247.7	307.9	1,058.5
September 1995	281.9	W	W	W	W	761.0	W	251.7	335.8	1,012.7
Virginia										
September 1996	278.8	1,583.4	167.2	216.8	446.0	1,800.3	28.8	792.7	474.8	2,593.0
August 1996	274.5	1,764.9	134.7	236.1	409.3	2,001.0	44.3	633.4	453.5	2,634.5
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
West Virginia										
September 1996	97.8	W	125.9	W	223.7	359.2	62.3	235.8	286.0	594.9
August 1996	W	W	136.9	W	W	382.6	W	276.6	305.2	659.2
September 1995	99.3	W	168.0	W	267.2	383.5	72.4	239.3	339.6	622.7
PAD District II										
September 1996	5,410.4	21,598.6	2,039.3	3,210.0	7,449.7	24,808.6	1,455.2	8,693.1	8,904.9	33,501.7
August 1996	5,521.0	20,824.8	2,199.5	2,988.9	7,720.6	23,813.8	1,571.7	7,775.9	9,292.3	31,589.6
September 1995	5,528.2	21,017.5	1,806.3	3,522.8	7,334.5	24,540.3	1,582.3	7,872.6	8,916.7	32,412.9
Illinois										
September 1996	597.7	1,523.6	W	378.6	W	1,902.2	W	1,584.1	826.2	3,486.3
August 1996	598.1	1,516.7	W	325.0	W	1,841.7	W	1,569.1	829.2	3,410.8
September 1995	528.8	1,730.0	W	444.0	W	2,173.9	W	1,683.1	703.5	3,857.0
Indiana										
September 1996	793.7	1,783.1	W	334.0	W	2,117.1	W	810.8	1,568.6	2,927.9
August 1996	818.4	1,684.9	W	221.7	W	1,906.6	W	721.0	1,418.1	2,627.6
September 1995	808.5	1,690.2	W	370.4	W	2,060.5	W	860.9	1,116.2	2,921.4
Iowa										
September 1996	W	1,453.9	-	76.3	W	1,530.2	W	349.2	332.7	1,879.4
August 1996	W	1,231.2	-	53.3	W	1,284.5	W	235.4	276.1	1,519.8
September 1995	W	1,505.9	-	80.8	W	1,586.6	W	242.2	327.0	1,828.8
Kansas										
September 1996	W	1,389.5	-	175.8	W	1,565.3	W	426.5	163.4	1,991.8
August 1996	W	1,520.1	-	152.7	W	1,672.8	W	407.1	160.8	2,079.9
September 1995	W	1,566.7	412.6	348.6	W	1,915.3	W	351.2	701.1	2,266.5
Kentucky										
September 1996	313.1	889.3	332.9	203.6	646.0	1,092.9	36.7	585.4	682.6	1,678.2
August 1996	320.2	900.7	331.0	280.8	651.1	1,181.5	34.7	562.5	685.8	1,744.0
September 1995	328.3	656.7	362.3	231.3	690.6	888.1	49.8	631.2	740.4	1,519.3
Michigan										
September 1996	530.0	1,486.0	17.3	167.1	547.4	1,653.2	80.2	886.6	627.6	2,539.8
August 1996	549.4	1,467.2	W	129.5	W	1,596.7	W	822.1	623.2	2,418.8
September 1995	W	1,456.6	W	180.5	571.9	1,637.1	157.5	847.7	729.4	2,484.8
Minnesota										
September 1996	W	1,514.6	15.1	341.7	W	1,856.3	W	588.7	307.2	2,445.0
August 1996	W	1,362.2	W	275.3	195.4	1,637.4	179.1	503.2	374.5	2,140.6
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
Missouri										
September 1996	259.3	1,562.9	W	108.4	W	1,671.4	W	286.7	289.5	1,958.0
August 1996	266.4	1,720.1	W	117.6	W	1,837.7	W	227.5	296.6	2,065.2
September 1995	W	1,665.1	-	110.2	W	1,775.3	W	125.1	305.5	1,900.5

See footnotes at end of table.

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

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
Nebraska										
September 1996	W	872.6	—	87.0	W	959.6	W	314.2	32.9	1,273.8
August 1996	W	997.0	—	108.4	W	1,105.4	W	308.6	30.1	1,414.0
September 1995	44.1	889.0	W	113.1	W	1,002.1	W	98.9	59.3	1,101.0
North Dakota										
September 1996	5.3	541.5	—	84.7	5.3	626.2	W	135.2	W	761.4
August 1996	8.6	640.0	—	85.0	8.6	725.0	W	117.6	W	842.6
September 1995	13.3	649.0	—	111.9	13.3	760.9	W	108.5	W	869.5
Ohio										
September 1996	1,366.5	1,521.6	437.4	270.5	1,803.9	1,792.1	51.8	1,112.7	1,855.7	2,904.8
August 1996	1,363.9	1,515.6	563.6	272.2	1,927.5	1,787.7	66.3	929.4	1,993.7	2,717.1
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
Oklahoma										
September 1996	W	2,984.4	451.0	289.1	W	3,273.5	W	267.5	878.2	3,540.9
August 1996	W	2,305.1	646.7	385.5	W	2,690.6	W	184.4	1,218.2	2,875.0
September 1995	182.7	2,543.8	W	235.8	W	2,779.6	W	149.3	562.7	2,928.9
South Dakota										
September 1996	W	617.7	W	20.6	W	638.2	W	120.2	W	758.5
August 1996	W	660.0	W	15.6	5.5	675.6	W	93.8	W	769.4
September 1995	W	629.7	W	21.4	W	651.2	W	78.5	W	729.6
Tennessee										
September 1996	610.5	1,831.0	W	409.3	W	2,240.3	W	682.8	858.1	2,923.1
August 1996	660.7	1,753.9	W	364.8	W	2,118.7	W	695.9	886.8	2,814.6
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
Wisconsin										
September 1996	241.6	1,626.8	W	263.3	W	1,890.1	W	542.7	308.2	2,432.8
August 1996	238.0	1,550.2	W	201.6	W	1,751.8	W	398.4	299.2	2,150.2
September 1995	228.9	1,542.8	W	275.2	W	1,818.0	W	483.1	320.5	2,301.1
PAD District III										
September 1996	1,791.2	18,160.8	W	5,174.6	W	23,335.4	W	5,036.8	4,124.8	28,372.2
August 1996	1,713.2	18,432.4	W	5,607.7	W	24,040.1	W	3,574.4	4,125.6	27,614.5
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
Alabama										
September 1996	170.6	997.3	157.3	W	327.9	W	10.4	W	338.3	1,595.8
August 1996	183.8	1,114.0	159.0	W	342.8	W	8.5	W	351.3	1,782.6
September 1995	186.1	987.7	150.6	W	336.7	W	8.4	W	345.1	1,578.7
Arkansas										
September 1996	178.6	1,083.6	W	766.7	W	1,850.4	W	80.7	228.8	1,931.1
August 1996	180.3	1,124.8	W	665.6	W	1,790.4	W	57.7	215.6	1,848.1
September 1995	204.8	937.5	W	596.7	W	1,534.2	W	95.7	237.1	1,629.9
Louisiana										
September 1996	W	1,689.8	564.9	2,225.6	W	3,915.4	W	1,404.0	862.0	5,319.4
August 1996	W	1,642.3	624.0	2,627.9	W	4,270.2	W	1,045.1	890.5	5,315.3
September 1995	W	1,629.0	521.7	3,047.4	W	4,676.4	W	1,104.6	797.1	5,781.1
Mississippi										
September 1996	134.3	1,623.5	W	491.9	W	2,115.4	W	184.5	206.3	2,299.9
August 1996	132.5	1,977.3	W	614.5	W	2,591.8	W	185.4	211.2	2,777.2
September 1995	125.4	1,446.4	W	653.6	W	2,100.0	W	158.8	198.3	2,258.8
New Mexico										
September 1996	W	731.6	W	W	158.8	W	—	W	158.8	806.1
August 1996	W	744.3	W	W	192.4	W	—	W	192.4	848.7
September 1995	W	685.2	W	W	153.6	W	—	W	153.6	726.0
Texas										
September 1996	W	12,035.0	1,328.6	1,318.3	W	13,353.3	W	3,066.5	2,330.5	16,419.8
August 1996	W	11,829.7	1,333.6	1,229.6	W	13,059.3	W	1,983.2	2,264.6	15,042.5
September 1995	W	10,376.4	1,362.1	2,128.1	W	12,504.5	W	2,573.9	2,312.8	15,078.4
PAD District IV										
September 1996	728.3	3,669.9	W	W	W	W	W	W	1,365.8	4,100.1
August 1996	731.0	4,176.1	W	W	W	W	W	W	1,431.9	4,691.7
September 1995	765.9	3,294.4	W	445.9	W	3,740.3	W	76.2	1,391.6	3,816.4
Colorado										
September 1996	W	1,100.7	W	W	356.4	W	—	W	356.4	1,161.4
August 1996	W	1,263.2	W	W	385.5	W	—	W	385.5	1,343.3
September 1995	156.3	1,002.5	W	W	W	W	W	W	386.6	1,086.8

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				
Idaho										
September 1996	23.7	485.3	W	W	W	W	W	W	83.8	669.9
August 1996	23.5	545.6	W	232.1	W	777.7	W	—	132.0	777.7
September 1995	W	W	W	W	W	W	W	W	98.8	616.4
Montana										
September 1996	151.3	620.0	—	W	151.3	W	—	W	151.3	620.9
August 1996	127.0	802.3	—	W	127.0	W	—	W	127.0	804.2
September 1995	203.1	W	—	—	203.1	W	—	W	203.1	718.9
Utah										
September 1996	218.6	692.3	W	178.6	W	870.9	W	—	343.5	870.9
August 1996	218.5	814.1	W	192.8	W	1,006.9	W	—	348.0	1,006.9
September 1995	193.3	564.9	W	W	W	W	W	W	269.2	744.1
Wyoming										
September 1996	W	771.5	W	W	430.8	W	—	W	430.8	777.1
August 1996	W	750.9	W	W	439.4	W	—	W	439.4	759.6
September 1995	W	638.2	W	W	433.9	W	—	W	433.9	650.2
PAD District V										
September 1996	1,945.1	11,996.1	1,282.8	W	3,227.9	W	121.2	W	3,349.2	14,835.0
August 1996	1,960.6	12,308.8	1,417.9	W	3,378.5	W	89.4	W	3,468.0	16,238.0
September 1995	1,762.2	11,618.7	W	2,618.9	W	14,237.6	W	239.4	3,443.0	14,477.0
Alaska										
September 1996	W	W	W	W	52.1	373.0	91.9	228.7	144.0	601.6
August 1996	W	W	W	W	57.7	581.7	69.1	247.8	126.8	829.5
September 1995	W	W	W	439.1	71.3	W	53.6	W	W	684.5
Arizona										
September 1996	W	821.5	W	W	352.7	W	—	W	352.7	927.7
August 1996	W	699.4	W	W	370.7	W	—	W	370.7	795.2
September 1995	W	W	W	W	233.0	992.6	—	—	233.0	992.6
California										
September 1996	1,412.9	7,697.5	410.0	W	1,822.9	W	—	W	1,822.9	8,430.9
August 1996	1,410.3	7,872.5	452.5	W	1,862.8	W	—	W	1,862.8	8,466.4
September 1995	1,208.1	W	704.4	618.9	1,912.5	W	—	W	1,912.5	7,908.0
Hawaii										
September 1996	NA	62.7	W	NA	W	NA	W	—	W	NA
August 1996	NA	NA	W	NA	W	NA	W	—	W	NA
September 1995	43.4	75.3	W	91.3	W	166.6	W	—	W	166.6
Nevada										
September 1996	W	W	W	W	101.4	518.0	—	—	W	518.0
August 1996	W	477.8	W	91.2	90.5	569.0	—	—	W	569.0
September 1995	119.2	W	W	W	W	513.9	W	—	171.5	513.9
Oregon										
September 1996	62.3	W	W	470.1	W	W	W	W	259.2	1,729.2
August 1996	W	W	181.7	568.3	W	W	W	W	248.1	1,797.2
September 1995	W	1,252.1	215.9	555.7	W	1,807.8	W	—	294.3	1,807.8
Washington										
September 1996	101.0	1,679.2	150.7	785.4	251.6	2,464.6	24.2	10.1	275.8	2,474.6
August 1996	101.0	1,929.2	164.4	1,668.1	265.4	3,597.3	18.2	20.1	283.5	3,617.4
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

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								
September 1996 ..	2,223.5	4,489.6	7,304.5	8,907.5	9,527.9	13,397.1	178.3	240.0
August 1996	3,008.8	6,278.1	8,728.1	9,890.2	11,736.8	16,168.3	183.3	144.3
September 1995 ..	2,492.0	7,513.1	9,306.9	5,854.5	11,798.9	13,367.6	200.0	294.0
PAD District I								
September 1996 ..	W	3,039.6	W	2,993.2	3,196.7	6,032.7	117.6	108.9
August 1996	1,498.4	4,565.7	2,689.5	4,000.4	4,187.8	8,566.1	102.2	70.6
September 1995 ..	1,491.1	5,781.5	4,680.6	929.7	6,171.8	6,711.2	188.1	101.8
Subdistrict IA								
September 1996 ..	W	W	W	W	W	W	W	W
August 1996	W	W	W	W	W	W	W	W
September 1995 ..	W	W	W	W	W	1,059.8	W	W
Subdistrict IB								
September 1996 ..	W	1,999.0	W	1,314.8	1,812.4	3,313.8	W	54.9
August 1996	1,268.3	2,154.9	932.0	1,053.9	2,200.4	3,208.8	W	51.6
September 1995 ..	W	3,392.8	W	458.3	W	3,851.1	W	34.8
Subdistrict IC								
September 1996 ..	W	W	1,269.5	W	W	W	8.8	W
August 1996	W	W	W	W	W	W	W	W
September 1995 ..	72.7	W	3,710.3	W	3,783.0	1,800.3	W	W
PAD District II								
September 1996 ..	W	W	W	W	185.6	494.4	17.5	W
August 1996	W	W	W	W	94.3	374.1	16.7	W
September 1995 ..	W	W	W	W	W	228.9	W	W
PAD District III								
September 1996 ..	W	813.7	W	4,425.4	2,580.5	5,239.1	W	W
August 1996	W	826.2	W	3,896.6	2,665.5	4,722.8	W	W
September 1995 ..	W	1,379.3	W	3,387.7	2,375.7	4,767.0	W	W
PAD District IV								
September 1996 ..	W	W	11.7	W	11.7	68.7	W	W
August 1996	W	W	W	W	8.1	87.3	W	W
September 1995 ..	W	W	W	W	W	61.0	W	W
PAD District V								
September 1996 ..	1,044.9	514.6	2,508.6	NA	3,553.5	1,562.2	W	33.1
August 1996	1,490.9	832.0	3,290.3	1,586.0	4,781.1	2,418.0	W	W
September 1995 ..	987.3	308.7	2,221.5	1,290.7	3,208.9	1,599.4	W	27.2

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

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

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

Geographic Area Month	Regular				Midgrade			
	Conventional ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
United States								
September 1996	165,014.8	3,925.1	69,320.0	238,259.9	23,749.9	621.7	15,761.5	40,133.1
August 1996	177,416.3	3,372.9	71,703.1	252,492.3	25,411.5	510.1	16,452.4	42,374.1
September 1995	170,852.2	4,467.7	52,863.1	228,183.1	27,443.2	622.0	14,689.6	42,754.9
PAD District I								
September 1996	47,219.9	-	29,378.1	76,598.0	9,359.9	-	6,658.5	16,018.4
August 1996	50,803.8	-	30,955.5	81,759.3	9,992.3	-	7,033.3	17,025.6
September 1995	45,005.4	-	27,891.2	72,896.7	9,868.1	-	6,946.4	16,814.5
Subdistrict IA								
September 1996	1,640.0	-	9,700.6	11,340.6	244.9	-	1,846.6	2,091.6
August 1996	1,847.0	-	10,519.1	12,366.1	310.0	-	2,033.8	2,343.8
September 1995	1,595.9	-	9,359.7	10,955.6	287.3	-	2,100.5	2,387.8
Connecticut								
September 1996	-	-	2,332.7	2,332.7	-	-	519.0	519.0
August 1996	-	-	2,484.0	2,484.0	-	-	561.2	561.2
September 1995	-	-	2,504.5	2,504.5	-	-	592.2	592.2
Maine								
September 1996	837.2	-	1,046.3	1,883.5	113.1	-	150.6	263.7
August 1996	908.3	-	1,252.1	2,160.4	142.7	-	193.2	335.9
September 1995	886.9	-	989.5	1,876.5	150.2	-	177.8	328.1
Massachusetts								
September 1996	-	-	4,645.7	4,645.7	-	-	876.6	876.6
August 1996	-	-	5,003.8	5,003.8	-	-	948.7	948.7
September 1995	-	-	4,336.3	4,336.3	-	-	1,012.8	1,012.8
New Hampshire								
September 1996	280.2	-	628.3	908.5	50.7	-	105.4	156.1
August 1996	346.6	-	674.4	1,020.9	73.0	-	114.2	187.2
September 1995	W	-	W	785.1	W	-	W	156.6
Rhode Island								
September 1996	-	-	1,047.5	1,047.5	-	-	195.0	195.0
August 1996	-	-	1,104.9	1,104.9	-	-	216.5	216.5
September 1995	-	-	976.1	976.1	-	-	207.4	207.4
Vermont								
September 1996	522.6	-	-	522.6	81.2	-	-	81.2
August 1996	592.1	-	-	592.1	94.3	-	-	94.3
September 1995	W	-	W	477.1	W	-	W	90.7
Subdistrict IB								
September 1996	12,383.4	-	16,468.0	28,851.4	1,834.8	-	3,912.3	5,747.1
August 1996	13,911.7	-	17,047.3	30,959.0	2,074.0	-	4,073.7	6,147.7
September 1995	12,990.7	-	15,540.2	28,531.0	2,022.7	-	3,903.5	5,926.2
Delaware								
September 1996	-	-	634.0	634.0	-	-	163.0	163.0
August 1996	-	-	671.9	671.9	-	-	174.7	174.7
September 1995	-	-	639.7	639.7	-	-	182.5	182.5
District of Columbia								
September 1996	-	-	137.3	137.3	-	-	80.9	80.9
August 1996	-	-	132.5	132.5	-	-	78.8	78.8
September 1995	-	-	123.1	123.1	-	-	83.3	83.3
Maryland								
September 1996	461.2	-	2,884.2	3,345.4	102.7	-	857.5	960.2
August 1996	504.5	-	3,003.2	3,507.7	115.3	-	902.9	1,018.3
September 1995	W	-	W	3,090.2	119.4	-	888.6	1,007.9
New Jersey								
September 1996	-	-	6,334.1	6,334.1	-	-	1,286.4	1,286.4
August 1996	-	-	6,613.7	6,613.7	-	-	1,366.3	1,366.3
September 1995	W	-	W	6,216.6	-	-	1,301.4	1,301.4
New York								
September 1996	5,007.0	-	4,100.6	9,107.6	560.0	-	923.1	1,483.1
August 1996	5,763.3	-	4,237.2	10,000.5	693.4	-	956.8	1,650.2
September 1995	5,393.5	-	3,830.1	9,223.6	661.1	-	905.9	1,567.0
Pennsylvania								
September 1996	6,915.2	-	2,377.7	9,292.9	1,172.1	-	601.4	1,773.6
August 1996	7,643.9	-	2,388.8	10,032.6	1,265.3	-	594.1	1,859.5
September 1995	7,120.6	-	2,117.1	9,237.7	1,242.3	-	541.8	1,784.0

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
United States								
September 1996	33,791.2	687.3	22,410.7	56,889.2	222,555.9	5,234.1	107,492.2	335,282.3
August 1996	37,277.4	593.7	23,261.5	61,132.5	240,105.2	4,476.8	111,417.0	355,998.9
September 1995	42,430.0	999.6	22,867.1	66,296.7	240,725.5	6,089.3	90,419.8	337,234.6
PAD District I								
September 1996	13,217.7	—	12,124.2	25,341.9	69,797.5	—	48,160.8	117,958.4
August 1996	14,248.5	—	12,808.5	27,057.0	75,044.7	—	50,797.3	125,841.9
September 1995	15,028.1	—	13,570.9	28,599.0	69,901.6	—	48,408.6	118,310.2
Subdistrict IA								
September 1996	286.8	—	2,604.1	2,890.9	2,171.7	—	14,151.3	16,323.1
August 1996	364.3	—	2,895.0	3,259.3	2,521.3	—	15,447.9	17,969.1
September 1995	344.6	—	3,101.9	3,446.5	2,227.7	—	14,562.1	16,789.9
Connecticut								
September 1996	—	—	715.8	715.8	—	—	3,567.5	3,567.5
August 1996	—	—	769.1	769.1	—	—	3,814.3	3,814.3
September 1995	—	—	880.7	880.7	—	—	3,977.4	3,977.4
Maine								
September 1996	123.2	—	179.1	302.3	1,073.5	—	1,376.0	2,449.5
August 1996	156.5	—	239.4	395.8	1,207.5	—	1,684.6	2,892.1
September 1995	163.4	—	220.7	384.1	1,200.6	—	1,388.1	2,588.6
Massachusetts								
September 1996	—	—	1,278.1	1,278.1	—	—	6,800.4	6,800.4
August 1996	—	—	1,410.5	1,410.5	—	—	7,362.9	7,362.9
September 1995	—	—	1,502.4	1,502.4	—	—	6,851.5	6,851.5
New Hampshire								
September 1996	52.6	—	137.0	189.6	383.4	—	870.8	1,254.2
August 1996	69.4	—	151.7	221.1	489.0	—	940.3	1,429.2
September 1995	W	—	W	205.1	W	—	W	1,146.8
Rhode Island								
September 1996	—	—	294.1	294.1	—	—	1,536.7	1,536.7
August 1996	—	—	324.4	324.4	—	—	1,645.8	1,645.8
September 1995	—	—	345.0	345.0	—	—	1,528.5	1,528.5
Vermont								
September 1996	111.0	—	—	111.0	714.8	—	—	714.8
August 1996	138.4	—	—	138.4	824.8	—	—	824.8
September 1995	W	—	W	129.2	W	—	W	697.0
Subdistrict IB								
September 1996	2,757.1	—	8,293.1	11,050.2	16,975.3	—	28,673.3	45,648.6
August 1996	3,216.6	—	8,619.8	11,836.4	19,202.3	—	29,740.7	48,943.1
September 1995	3,341.3	—	9,046.4	12,387.7	18,354.8	—	28,490.1	46,844.8
Delaware								
September 1996	—	—	154.5	154.5	—	—	951.5	951.5
August 1996	—	—	165.1	165.1	—	—	1,011.7	1,011.7
September 1995	—	—	185.5	185.5	—	—	1,007.7	1,007.7
District of Columbia								
September 1996	—	—	157.4	157.4	—	—	375.5	375.5
August 1996	—	—	144.6	144.6	—	—	355.9	355.9
September 1995	—	—	184.2	184.2	—	—	390.7	390.7
Maryland								
September 1996	114.7	—	1,161.1	1,275.9	678.7	—	4,902.8	5,581.5
August 1996	123.9	—	1,184.2	1,308.1	743.7	—	5,090.3	5,834.1
September 1995	145.0	—	1,337.5	1,482.5	W	—	W	5,580.6
New Jersey								
September 1996	—	—	3,123.1	3,123.1	—	—	10,743.6	10,743.6
August 1996	—	—	3,256.5	3,256.5	—	—	11,236.5	11,236.5
September 1995	—	—	3,442.1	3,442.1	W	—	W	10,960.1
New York								
September 1996	922.8	—	2,797.1	3,719.9	6,489.8	—	7,820.8	14,310.6
August 1996	1,199.6	—	2,973.7	4,173.3	7,656.3	—	8,167.7	15,824.0
September 1995	1,184.0	—	2,987.8	4,171.7	7,238.5	—	7,723.8	14,962.3
Pennsylvania								
September 1996	1,719.6	—	899.9	2,619.5	9,806.9	—	3,879.1	13,685.9
August 1996	1,893.1	—	895.6	2,788.7	10,802.3	—	3,878.5	14,680.8
September 1995	2,012.4	—	909.3	2,921.7	10,375.3	—	3,568.2	13,943.5

See footnotes at end of table.

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

Geographic Area Month	Regular				Midgrade			
	Conventional ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Subdistrict IC								
September 1996	33,196.5	—	3,209.5	36,406.1	7,280.1	—	899.6	8,179.8
August 1996	35,045.1	—	3,389.2	38,434.3	7,608.3	—	925.8	8,534.1
September 1995	30,418.8	—	2,991.3	33,410.1	7,558.1	—	942.5	8,500.6
Florida								
September 1996	10,843.1	—	—	10,843.1	2,880.9	—	—	2,880.9
August 1996	11,347.2	—	—	11,347.2	2,990.4	—	—	2,990.4
September 1995	9,817.7	—	—	9,817.7	2,950.7	—	—	2,950.7
Georgia								
September 1996	7,564.9	—	—	7,564.9	1,569.1	—	—	1,569.1
August 1996	7,866.8	—	—	7,866.8	1,631.1	—	—	1,631.1
September 1995	6,863.7	—	—	6,863.7	1,664.5	—	—	1,664.5
North Carolina								
September 1996	7,029.2	—	—	7,029.2	1,425.2	—	—	1,425.2
August 1996	7,447.0	—	—	7,447.0	1,467.3	—	—	1,467.3
September 1995	6,493.0	—	—	6,493.0	1,444.3	—	—	1,444.3
South Carolina								
September 1996	3,797.4	—	—	3,797.4	677.5	—	—	677.5
August 1996	4,050.8	—	—	4,050.8	716.9	—	—	716.9
September 1995	3,553.5	—	—	3,553.5	716.0	—	—	716.0
Virginia								
September 1996	2,963.2	—	3,209.5	6,172.8	537.0	—	899.6	1,436.6
August 1996	3,229.4	—	3,389.2	6,618.5	585.4	—	925.8	1,511.3
September 1995	2,752.6	—	2,991.3	5,743.9	583.6	—	942.5	1,526.1
West Virginia								
September 1996	998.7	—	—	998.7	190.4	—	—	190.4
August 1996	1,104.0	—	—	1,104.0	217.2	—	—	217.2
September 1995	938.3	—	—	938.3	199.0	—	—	199.0
PAD District II								
September 1996	67,482.1	1,922.0	6,674.2	76,078.3	6,963.8	270.7	1,562.7	8,797.1
August 1996	72,288.3	2,125.7	6,950.7	81,364.7	7,391.6	282.4	1,597.6	9,271.6
September 1995	67,101.1	1,148.1	6,212.6	74,461.9	7,921.0	179.0	1,623.3	9,723.2
Illinois								
September 1996	4,965.8	—	3,940.8	8,906.5	446.9	—	1,099.2	1,546.1
August 1996	5,171.4	—	4,065.6	9,237.0	456.2	—	1,098.0	1,554.1
September 1995	5,094.8	—	3,754.0	8,848.8	562.6	—	1,119.2	1,681.8
Indiana								
September 1996	5,341.1	—	557.0	5,898.1	723.3	—	130.2	853.5
August 1996	5,914.0	—	591.8	6,505.8	761.7	—	137.5	899.2
September 1995	5,216.1	—	507.6	5,723.7	761.8	—	134.5	896.3
Iowa								
September 1996	3,631.9	—	—	3,631.9	67.6	—	—	67.6
August 1996	3,840.9	—	—	3,840.9	81.8	—	—	81.8
September 1995	3,516.4	—	—	3,516.4	55.0	—	—	55.0
Kansas								
September 1996	3,475.5	—	—	3,475.5	127.9	—	—	127.9
August 1996	3,633.8	—	—	3,633.8	130.0	—	—	130.0
September 1995	3,398.3	—	—	3,398.3	130.0	—	—	130.0
Kentucky								
September 1996	2,964.1	—	795.8	3,759.9	396.4	—	167.7	564.1
August 1996	3,162.2	—	849.9	4,012.1	437.1	—	184.5	621.6
September 1995	2,829.8	—	737.2	3,567.1	436.8	—	190.3	627.2
Michigan								
September 1996	10,058.6	—	—	10,058.6	1,108.0	—	—	1,108.0
August 1996	10,721.7	—	—	10,721.7	1,150.9	—	—	1,150.9
September 1995	9,751.4	—	—	9,751.4	1,198.2	—	—	1,198.2
Minnesota								
September 1996	3,577.7	1,922.0	—	5,499.7	67.7	270.7	—	338.4
August 1996	3,646.1	2,125.7	—	5,771.8	67.5	282.4	—	349.9
September 1995	W	W	—	5,357.2	206.3	179.0	—	385.3
Missouri								
September 1996	5,783.6	—	—	5,783.6	468.0	—	—	468.0
August 1996	6,150.0	—	—	6,150.0	477.2	—	—	477.2
September 1995	6,011.3	—	—	6,011.3	524.9	—	—	524.9

See footnotes at end of table.

Table 48. Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State

(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Subdistrict IC								
September 1996	10,173.8	—	1,227.0	11,400.8	50,650.5	—	5,336.2	55,986.7
August 1996	10,667.7	—	1,293.6	11,961.4	53,321.1	—	5,608.6	58,929.7
September 1995	11,342.2	—	1,422.6	12,764.8	49,319.1	—	5,356.4	54,675.5
Florida								
September 1996	4,147.5	—	—	4,147.5	17,871.5	—	—	17,871.5
August 1996	4,266.5	—	—	4,266.5	18,604.1	—	—	18,604.1
September 1995	4,634.2	—	—	4,634.2	17,402.6	—	—	17,402.6
Georgia								
September 1996	2,149.6	—	—	2,149.6	11,283.7	—	—	11,283.7
August 1996	2,236.1	—	—	2,236.1	11,733.9	—	—	11,733.9
September 1995	2,340.3	—	—	2,340.3	10,868.5	—	—	10,868.5
North Carolina								
September 1996	1,961.2	—	—	1,961.2	10,415.6	—	—	10,415.6
August 1996	2,069.2	—	—	2,069.2	10,983.5	—	—	10,983.5
September 1995	2,173.5	—	—	2,173.5	10,110.8	—	—	10,110.8
South Carolina								
September 1996	937.0	—	—	937.0	5,411.9	—	—	5,411.9
August 1996	1,005.5	—	—	1,005.5	5,773.2	—	—	5,773.2
September 1995	1,056.7	—	—	1,056.7	5,326.2	—	—	5,326.2
Virginia								
September 1996	791.5	—	1,227.0	2,018.6	4,291.8	—	5,336.2	9,628.0
August 1996	864.4	—	1,293.6	2,158.0	4,679.2	—	5,608.6	10,287.8
September 1995	907.7	—	1,422.6	2,330.3	4,243.9	—	5,356.4	9,600.2
West Virginia								
September 1996	187.0	—	—	187.0	1,376.1	—	—	1,376.1
August 1996	226.0	—	—	226.0	1,547.2	—	—	1,547.2
September 1995	229.8	—	—	229.8	1,367.1	—	—	1,367.1
PAD District II								
September 1996	10,778.8	258.4	1,903.8	12,941.0	85,224.7	2,451.1	10,140.7	97,816.5
August 1996	11,948.5	301.6	1,946.4	14,196.5	91,628.4	2,709.8	10,494.6	104,832.8
September 1995	12,885.0	171.6	2,155.7	15,212.3	87,907.1	1,498.7	9,991.6	99,397.4
Illinois								
September 1996	719.0	—	1,364.0	2,083.0	6,131.7	—	6,403.9	12,535.6
August 1996	770.6	—	1,358.4	2,128.9	6,398.1	—	6,522.0	12,920.1
September 1995	829.6	—	1,492.9	2,322.5	6,487.0	—	6,366.1	12,853.1
Indiana								
September 1996	1,027.0	—	162.0	1,189.1	7,091.4	—	849.2	7,940.7
August 1996	1,134.2	—	173.6	1,307.8	7,809.8	—	902.9	8,712.8
September 1995	1,190.2	—	173.6	1,363.8	7,168.1	—	815.7	7,983.8
Iowa								
September 1996	257.0	—	—	257.0	3,956.5	—	—	3,956.5
August 1996	274.2	—	—	274.2	4,196.8	—	—	4,196.8
September 1995	318.8	—	—	318.8	3,890.2	—	—	3,890.2
Kansas								
September 1996	343.4	—	—	343.4	3,946.8	—	—	3,946.8
August 1996	372.8	—	—	372.8	4,136.6	—	—	4,136.6
September 1995	406.5	—	—	406.5	3,934.8	—	—	3,934.8
Kentucky								
September 1996	694.3	—	169.8	864.1	4,054.7	—	1,133.3	5,188.0
August 1996	752.0	—	182.4	934.4	4,351.3	—	1,216.8	5,568.1
September 1995	807.3	—	225.6	1,032.9	4,073.9	—	1,153.2	5,227.1
Michigan								
September 1996	1,698.6	—	—	1,698.6	12,865.3	—	—	12,865.3
August 1996	1,929.8	—	—	1,929.8	13,802.4	—	—	13,802.4
September 1995	2,022.9	—	—	2,022.9	12,972.5	—	—	12,972.5
Minnesota								
September 1996	254.5	258.4	—	512.9	3,899.9	2,451.1	—	6,351.0
August 1996	288.8	301.6	—	590.5	4,002.5	2,709.8	—	6,712.3
September 1995	W	W	—	590.8	4,834.6	1,498.7	—	6,333.3
Missouri								
September 1996	844.5	—	—	844.5	7,096.1	—	—	7,096.1
August 1996	949.4	—	—	949.4	7,576.5	—	—	7,576.5
September 1995	1,107.7	—	—	1,107.7	7,643.8	—	—	7,643.8

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
Nebraska								
September 1996	2,046.4	—	—	2,046.4	19.2	—	—	19.2
August 1996	2,126.8	—	—	2,126.8	29.0	—	—	29.0
September 1995	2,097.9	—	—	2,097.9	W	W	—	10.4
North Dakota								
September 1996	934.6	—	—	934.6	W	—	—	W
August 1996	1,076.0	—	—	1,076.0	W	—	—	W
September 1995	979.4	—	—	979.4	W	—	—	W
Ohio								
September 1996	10,073.7	—	—	10,073.7	1,701.0	—	—	1,701.0
August 1996	10,765.2	—	—	10,765.2	1,839.3	—	—	1,839.3
September 1995	9,784.5	—	—	9,784.5	W	—	W	1,982.2
Oklahoma								
September 1996	3,825.4	—	—	3,825.4	216.8	—	—	216.8
August 1996	4,215.6	—	—	4,215.6	227.1	—	—	227.1
September 1995	3,786.7	—	—	3,786.7	216.9	—	—	216.9
South Dakota								
September 1996	1,059.3	—	—	1,059.3	W	—	—	W
August 1996	1,247.2	—	—	1,247.2	W	—	—	W
September 1995	1,083.0	—	—	1,083.0	W	—	—	W
Tennessee								
September 1996	5,777.2	—	—	5,777.2	1,331.8	—	—	1,331.8
August 1996	6,173.5	—	—	6,173.5	1,420.1	—	—	1,420.1
September 1995	5,473.9	—	—	5,473.9	1,488.3	—	—	1,488.3
Wisconsin								
September 1996	3,967.2	—	1,380.7	5,347.9	250.1	—	165.6	415.7
August 1996	4,444.1	—	1,443.3	5,887.4	278.3	—	177.5	455.9
September 1995	W	W	1,213.7	5,082.3	301.0	W	W	480.2
PAD District III								
September 1996	27,826.9	248.0	7,134.3	35,209.2	4,270.2	36.4	1,761.0	6,067.6
August 1996	W	W	7,346.4	36,657.5	W	W	1,836.6	6,349.7
September 1995	26,991.3	334.2	6,915.9	34,241.3	W	W	1,861.9	6,401.6
Alabama								
September 1996	3,844.4	—	—	3,844.4	755.5	—	—	755.5
August 1996	4,205.8	—	—	4,205.8	742.8	—	—	742.8
September 1995	3,514.0	—	—	3,514.0	777.1	—	—	777.1
Arkansas								
September 1996	3,070.2	—	—	3,070.2	388.7	—	—	388.7
August 1996	3,129.1	—	—	3,129.1	406.9	—	—	406.9
September 1995	3,098.2	—	—	3,098.2	358.7	—	—	358.7
Louisiana								
September 1996	W	—	W	3,506.2	827.4	—	—	827.4
August 1996	W	—	W	3,851.2	876.6	—	—	876.6
September 1995	W	—	W	3,536.6	867.3	—	—	867.3
Mississippi								
September 1996	2,537.9	—	—	2,537.9	401.9	—	—	401.9
August 1996	2,686.6	—	—	2,686.6	434.0	—	—	434.0
September 1995	2,430.8	—	—	2,430.8	442.2	—	—	442.2
New Mexico								
September 1996	W	W	—	1,936.3	W	W	—	209.8
August 1996	W	W	—	2,084.3	W	W	—	236.0
September 1995	W	W	—	1,896.0	W	W	—	150.8
Texas								
September 1996	13,002.4	W	W	20,314.3	W	W	1,761.0	3,484.2
August 1996	W	—	W	20,700.5	1,816.9	—	1,836.6	3,653.5
September 1995	12,644.8	W	W	19,765.7	1,925.7	18.0	1,861.9	3,805.5
PAD District IV								
September 1996	8,199.0	279.8	—	8,478.8	1,363.8	49.2	—	1,413.0
August 1996	W	W	—	9,450.8	W	W	—	1,540.1
September 1995	7,635.0	332.0	—	7,967.0	W	W	—	1,330.9
Colorado								
September 1996	W	W	—	3,595.9	W	W	—	729.5
August 1996	W	W	—	3,949.2	W	W	—	768.7
September 1995	3,141.1	332.0	—	3,473.1	W	W	—	650.9

See footnotes at end of table.

Table 48. Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State

(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Nebraska								
September 1996	135.1	—	—	135.1	2,200.7	—	—	2,200.7
August 1996	144.6	—	—	144.6	2,300.4	—	—	2,300.4
September 1995	155.0	—	—	155.0	W	W	—	2,263.3
North Dakota								
September 1996	W	—	—	W	1,017.9	—	—	1,017.9
August 1996	W	—	—	W	1,162.7	—	—	1,162.7
September 1995	W	—	—	W	1,075.0	—	—	1,075.0
Ohio								
September 1996	1,800.3	—	—	1,800.3	13,575.1	—	—	13,575.1
August 1996	2,024.7	—	—	2,024.7	14,629.1	—	—	14,629.1
September 1995	2,076.2	—	—	2,076.2	W	—	W	13,842.9
Oklahoma								
September 1996	624.4	—	—	624.4	4,666.6	—	—	4,666.6
August 1996	690.5	—	—	690.5	5,133.2	—	—	5,133.2
September 1995	758.2	—	—	758.2	4,761.8	—	—	4,761.8
South Dakota								
September 1996	W	—	—	W	1,130.8	—	—	1,130.8
August 1996	W	—	—	W	1,351.2	—	—	1,351.2
September 1995	W	—	—	W	1,170.5	—	—	1,170.5
Tennessee								
September 1996	1,761.8	—	—	1,761.8	8,870.9	—	—	8,870.9
August 1996	1,856.2	—	—	1,856.2	9,449.8	—	—	9,449.8
September 1995	2,046.5	—	—	2,046.5	9,008.7	—	—	9,008.7
Wisconsin								
September 1996	502.9	—	208.0	710.9	4,720.2	—	1,754.3	6,474.5
August 1996	605.4	—	232.1	837.5	5,327.8	—	1,852.9	7,180.7
September 1995	W	W	263.6	874.0	4,779.9	W	W	6,436.5
PAD District III								
September 1996	5,716.0	56.8	2,147.7	7,920.5	37,813.1	341.2	11,042.9	49,197.2
August 1996	W	W	2,211.0	8,662.0	W	W	11,394.0	51,669.2
September 1995	W	W	2,473.7	9,277.7	38,235.4	433.8	11,251.4	49,920.6
Alabama								
September 1996	1,156.6	—	—	1,156.6	5,756.5	—	—	5,756.5
August 1996	1,296.0	—	—	1,296.0	6,244.6	—	—	6,244.6
September 1995	1,270.3	—	—	1,270.3	5,561.4	—	—	5,561.4
Arkansas								
September 1996	626.3	—	—	626.3	4,085.2	—	—	4,085.2
August 1996	669.9	—	—	669.9	4,205.8	—	—	4,205.8
September 1995	750.6	—	—	750.6	4,207.5	—	—	4,207.5
Louisiana								
September 1996	1,112.4	—	—	1,112.4	W	—	W	5,446.0
August 1996	1,199.6	—	—	1,199.6	W	—	W	5,927.4
September 1995	1,344.8	—	—	1,344.8	W	—	W	5,748.6
Mississippi								
September 1996	629.3	—	—	629.3	3,569.1	—	—	3,569.1
August 1996	720.2	—	—	720.2	3,840.8	—	—	3,840.8
September 1995	724.7	—	—	724.7	3,597.7	—	—	3,597.7
New Mexico								
September 1996	W	W	—	274.1	W	W	—	2,420.3
August 1996	W	W	—	321.8	W	W	—	2,642.1
September 1995	W	W	—	300.8	W	W	—	2,347.5
Texas								
September 1996	W	W	2,147.7	4,121.8	16,634.6	W	W	27,920.2
August 1996	2,243.4	—	2,211.0	4,454.4	W	—	W	28,808.4
September 1995	2,368.0	45.0	2,473.7	4,886.7	16,938.6	W	W	28,457.9
PAD District IV								
September 1996	1,749.8	48.4	—	1,798.1	11,312.5	377.4	—	11,689.9
August 1996	W	W	—	2,061.0	W	W	—	13,052.0
September 1995	W	W	—	2,088.8	10,950.3	436.5	—	11,386.8
Colorado								
September 1996	W	W	—	740.9	W	W	—	5,066.3
August 1996	W	W	—	813.2	W	W	—	5,531.1
September 1995	W	W	—	871.9	4,559.5	436.5	—	4,996.0

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
Idaho								
September 1996	1,205.8	-	-	1,205.8	147.1	-	-	147.1
August 1996	1,398.0	-	-	1,398.0	178.9	-	-	178.9
September 1995	1,118.4	-	-	1,118.4	181.1	-	-	181.1
Montana								
September 1996	1,085.2	-	-	1,085.2	72.7	-	-	72.7
August 1996	1,263.8	-	-	1,263.8	89.4	-	-	89.4
September 1995	1,043.7	-	-	1,043.7	81.0	-	-	81.0
Utah								
September 1996	W	W	-	1,889.6	W	W	-	452.7
August 1996	2,014.9	-	-	2,014.9	489.2	-	-	489.2
September 1995	1,672.7	-	-	1,672.7	403.0	-	-	403.0
Wyoming								
September 1996	702.4	-	-	702.4	11.0	-	-	11.0
August 1996	824.8	-	-	824.8	14.0	-	-	14.0
September 1995	659.1	-	-	659.1	15.0	-	-	15.0
PAD District V								
September 1996	14,286.9	1,475.3	26,133.4	41,895.6	1,792.3	265.4	5,779.4	7,837.1
August 1996	15,970.0	839.4	26,450.6	43,260.0	2,043.5	NA	5,984.9	8,187.0
September 1995	24,119.4	2,653.4	11,843.4	38,616.2	3,862.5	364.1	4,258.0	8,484.6
Alaska								
September 1996	W	W	-	612.2	W	W	-	47.8
August 1996	W	W	-	736.1	W	W	-	47.6
September 1995	W	W	-	626.3	W	W	-	50.9
Arizona								
September 1996	3,354.7	W	W	3,456.4	W	W	W	437.5
August 1996	W	-	W	3,500.1	W	-	W	470.9
September 1995	3,203.7	W	W	3,428.7	232.8	W	W	269.9
California								
September 1996	W	-	W	26,153.2	W	-	W	5,783.9
August 1996	W	-	W	26,476.9	W	-	W	5,990.8
September 1995	10,493.6	W	W	23,169.6	2,692.5	W	W	7,139.7
Hawaii								
September 1996	579.8	-	-	579.8	132.9	-	-	132.9
August 1996	622.2	-	-	622.2	134.5	-	-	134.5
September 1995	553.0	-	-	553.0	130.7	-	-	130.7
Nevada								
September 1996	1,441.4	W	W	1,849.7	172.7	W	W	241.6
August 1996	1,912.4	W	W	1,945.5	W	-	W	267.3
September 1995	1,196.9	346.7	-	1,543.6	169.5	85.2	-	254.7
Oregon								
September 1996	3,259.6	W	W	3,429.7	263.4	W	W	280.8
August 1996	3,575.8	W	W	3,741.2	W	W	-	308.3
September 1995	W	W	-	3,326.5	W	W	-	131.9
Washington								
September 1996	5,084.6	729.9	-	5,814.5	766.2	146.3	-	912.4
August 1996	5,684.5	553.4	-	6,238.0	838.8	NA	-	967.6
September 1995	4,948.8	1,019.7	-	5,968.6	463.7	43.1	-	506.8

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	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Idaho								
September 1996	182.0	—	—	182.0	1,534.9	—	—	1,534.9
August 1996	223.7	—	—	223.7	1,800.7	—	—	1,800.7
September 1995	245.7	—	—	245.7	1,545.2	—	—	1,545.2
Montana								
September 1996	199.6	—	—	199.6	1,357.4	—	—	1,357.4
August 1996	263.9	—	—	263.9	1,617.1	—	—	1,617.1
September 1995	248.3	—	—	248.3	1,373.0	—	—	1,373.0
Utah								
September 1996	W	W	—	531.8	W	W	—	2,874.1
August 1996	572.3	—	—	572.3	3,076.4	—	—	3,076.4
September 1995	568.1	—	—	568.1	2,643.8	—	—	2,643.8
Wyoming								
September 1996	143.8	—	—	143.8	857.2	—	—	857.2
August 1996	187.8	—	—	187.8	1,026.6	—	—	1,026.6
September 1995	154.8	—	—	154.8	828.9	—	—	828.9
PAD District V								
September 1996	2,328.9	323.8	6,235.0	8,887.7	18,408.1	2,064.4	38,147.7	58,620.3
August 1996	2,637.4	NA	6,295.6	9,156.0	20,650.9	1,221.0	38,731.1	60,603.0
September 1995	5,749.2	702.9	4,666.8	11,118.8	33,731.1	3,720.4	20,768.2	58,219.7
Alaska								
September 1996	49.3	19.7	—	69.0	617.3	111.7	—	729.0
August 1996	W	W	—	80.3	W	W	—	864.0
September 1995	W	W	—	86.4	W	W	—	763.6
Arizona								
September 1996	W	33.4	W	619.0	W	154.9	W	4,513.0
August 1996	642.2	W	W	653.3	4,610.1	W	W	4,624.3
September 1995	782.0	W	W	845.2	4,218.5	W	W	4,543.8
California								
September 1996	W	—	W	6,237.3	W	—	W	38,174.4
August 1996	W	—	W	6,298.3	W	—	W	38,766.0
September 1995	2,914.2	W	W	7,849.9	16,100.3	W	W	38,159.2
Hawaii								
September 1996	265.8	—	—	265.8	978.6	—	—	978.6
August 1996	277.8	—	—	277.8	1,034.5	—	—	1,034.5
September 1995	308.8	—	—	308.8	992.5	—	—	992.5
Nevada								
September 1996	277.9	W	W	377.3	1,892.0	W	W	2,468.7
August 1996	W	W	W	397.1	2,550.5	W	W	2,609.8
September 1995	297.1	115.1	—	412.1	1,663.4	547.0	—	2,210.4
Oregon								
September 1996	412.1	W	W	436.1	3,935.1	W	W	4,146.5
August 1996	W	W	W	474.9	4,314.4	W	W	4,524.4
September 1995	W	W	—	467.1	W	W	—	3,925.5
Washington								
September 1996	734.8	148.3	—	883.2	6,585.6	1,024.5	—	7,610.1
August 1996	836.2	NA	—	974.4	7,359.6	820.4	—	8,180.0
September 1995	940.4	209.0	—	1,149.4	6,352.9	1,271.8	—	7,624.7

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							
September 1996	865.3	825.2	61,110.5	37,161.0	6,255.5	17,969.1	24,224.5
August 1996	1,059.0	881.6	61,087.6	34,081.4	7,391.4	20,301.6	27,693.0
September 1995	942.5	1,200.6	56,416.1	35,501.6	8,743.6	16,581.5	25,325.1
PAD District I							
September 1996	182.1	W	15,276.3	6,194.1	4,040.6	8,692.8	12,733.3
August 1996	207.7	W	14,912.0	6,317.4	4,894.5	9,943.6	14,838.0
September 1995	226.2	W	14,490.3	5,753.6	6,968.8	9,382.3	16,351.1
Subdistrict IA							
September 1996	24.9	W	1,185.2	412.6	836.6	1,860.4	2,697.0
August 1996	31.6	W	1,111.1	353.8	788.5	2,219.4	3,007.8
September 1995	30.7	-	1,074.6	425.2	166.0	1,293.2	2,109.1
Connecticut							
September 1996	4.5	W	350.9	73.9	271.5	W	W
August 1996	5.5	W	169.1	73.7	203.2	W	W
September 1995	W	-	210.9	62.7	W	W	54.1
Maine							
September 1996	2.6	W	84.5	72.9	W	W	838.9
August 1996	4.2	W	98.0	59.0	278.8	436.6	715.4
September 1995	3.1	-	76.5	65.9	542.8	543.0	1,085.8
Massachusetts							
September 1996	5.3	-	652.0	79.9	155.3	378.9	534.3
August 1996	12.9	-	739.1	77.3	230.7	927.0	1,157.7
September 1995	7.6	-	699.6	83.9	W	W	489.0
New Hampshire							
September 1996	2.0	-	36.5	96.3	18.5	122.8	141.3
August 1996	3.0	-	42.3	74.7	18.3	116.7	134.9
September 1995	2.7	-	31.5	119.7	11.2	401.5	412.7
Rhode Island							
September 1996	W	-	52.5	26.9	W	W	W
August 1996	W	-	50.0	26.4	56.3	NA	57.4
September 1995	W	-	44.9	27.1	51.9	-	51.9
Vermont							
September 1996	W	-	8.8	62.8	10.1	22.6	32.7
August 1996	W	-	12.6	42.7	1.2	W	W
September 1995	1.2	-	11.2	65.9	W	W	15.7
Subdistrict IB							
September 1996	41.2	W	7,303.3	1,905.2	2,626.8	2,830.9	5,457.7
August 1996	57.5	W	7,299.7	1,696.7	3,203.1	2,213.3	5,416.4
September 1995	54.0	W	7,381.6	1,882.8	4,754.0	1,452.4	6,206.4
Delaware							
September 1996	1.0	-	7.9	144.2	W	W	371.3
August 1996	W	-	6.2	130.5	390.0	169.7	559.7
September 1995	W	-	W	72.5	W	85.0	W
District of Columbia							
September 1996	-	-	-	-	W	-	W
August 1996	W	-	-	-	W	-	W
September 1995	W	-	-	-	W	-	W
Maryland							
September 1996	5.6	-	331.0	128.4	W	W	W
August 1996	7.0	-	395.2	76.7	W	57.8	W
September 1995	5.3	-	W	106.2	527.8	94.0	621.8
New Jersey							
September 1996	12.8	W	4,505.3	356.2	674.2	919.4	1,593.6
August 1996	17.6	W	4,254.8	345.2	1,056.4	692.5	1,748.8
September 1995	23.9	W	4,774.4	450.6	849.2	517.5	1,366.7
New York							
September 1996	8.2	-	1,214.2	526.8	1,263.0	1,084.1	2,347.1
August 1996	12.0	-	1,375.5	441.7	1,145.7	1,044.5	2,190.2
September 1995	11.4	-	860.6	459.2	2,389.3	259.7	2,649.0
Pennsylvania							
September 1996	13.6	-	1,244.8	749.6	609.9	412.2	1,022.0
August 1996	19.1	-	1,268.0	702.5	392.5	248.8	641.3
September 1995	12.3	-	1,344.5	794.3	932.8	496.2	1,429.0

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
Subdistrict IC							
September 1996	115.9	W	6,787.8	3,876.3	577.2	4,001.5	4,578.7
August 1996	118.6	—	6,501.2	4,266.8	902.9	5,510.9	6,413.8
September 1995	141.5	—	6,034.1	3,445.6	1,398.8	6,636.7	8,035.6
Florida							
September 1996	57.1	—	2,923.6	744.5	W	W	2,944.8
August 1996	55.5	—	2,842.0	732.5	W	W	4,664.4
September 1995	77.3	—	2,248.9	837.5	W	W	6,593.7
Georgia							
September 1996	22.3	W	1,664.4	828.4	—	398.9	398.9
August 1996	23.8	—	1,488.5	800.1	—	312.0	312.0
September 1995	22.2	—	2,002.8	705.4	—	320.3	320.3
North Carolina							
September 1996	22.5	—	1,100.6	1,259.1	W	W	543.9
August 1996	22.1	—	1,049.1	1,434.3	W	W	599.1
September 1995	21.3	—	547.2	993.7	W	W	441.8
South Carolina							
September 1996	6.6	—	127.1	429.3	W	W	W
August 1996	7.0	—	146.6	906.2	W	W	W
September 1995	8.6	—	95.9	427.0	W	W	W
Virginia							
September 1996	W	—	953.2	545.6	17.9	395.7	413.7
August 1996	7.7	—	958.8	340.0	W	W	617.8
September 1995	8.4	—	1,121.6	419.0	35.1	405.5	440.7
West Virginia							
September 1996	W	—	18.8	69.4	W	W	W
August 1996	2.4	—	16.1	53.9	W	W	W
September 1995	3.6	—	17.6	63.1	W	W	W
PAD District II							
September 1996	234.7	W	10,084.4	12,972.6	W	W	697.7
August 1996	294.8	306.2	10,140.6	10,770.8	W	W	580.4
September 1995	247.5	429.9	10,029.0	13,002.0	W	W	320.8
Illinois							
September 1996	W	—	1,395.7	1,777.7	W	W	226.2
August 1996	W	—	1,287.0	1,596.8	W	W	43.2
September 1995	W	—	1,149.8	1,745.0	W	—	W
Indiana							
September 1996	16.3	—	1,423.1	884.9	W	W	W
August 1996	35.1	—	1,359.3	675.2	W	W	17.3
September 1995	21.6	—	1,779.3	963.7	W	—	W
Iowa							
September 1996	W	—	93.5	916.9	—	W	W
August 1996	W	—	97.7	643.4	—	W	W
September 1995	W	—	104.4	941.3	W	W	W
Kansas							
September 1996	15.9	—	W	1,936.3	—	—	—
August 1996	15.5	—	239.7	2,001.4	—	W	W
September 1995	12.6	—	240.0	2,006.2	—	—	—
Kentucky							
September 1996	4.2	—	532.7	636.8	W	W	9.8
August 1996	4.0	—	602.9	569.2	W	W	19.7
September 1995	7.8	—	638.6	801.3	W	W	6.9
Michigan							
September 1996	W	—	773.0	1,041.9	—	47.6	47.6
August 1996	67.2	—	930.7	915.5	—	61.9	61.9
September 1995	56.9	—	978.4	859.1	—	34.6	34.6
Minnesota							
September 1996	W	—	1,218.3	1,044.6	W	W	180.6
August 1996	W	—	1,197.6	841.1	—	159.7	159.7
September 1995	W	—	1,029.2	1,134.5	W	W	98.4
Missouri							
September 1996	15.0	—	1,220.2	1,453.5	—	W	W
August 1996	16.5	—	1,322.6	864.7	—	—	—
September 1995	15.7	—	1,222.9	1,321.9	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							
September 1996	6.9	—	113.0	416.5	—	—	—
August 1996	13.6	—	107.1	315.4	—	—	—
September 1995	8.7	—	94.3	440.7	—	—	—
North Dakota							
September 1996	3.5	—	W	224.8	—	—	—
August 1996	3.3	—	19.4	256.9	—	—	—
September 1995	3.8	—	27.6	225.2	—	—	—
Ohio							
September 1996	44.0	W	1,346.8	789.2	W	W	30.9
August 1996	51.2	W	1,392.5	624.5	W	W	93.9
September 1995	41.9	W	1,233.2	810.2	W	W	35.4
Oklahoma							
September 1996	11.2	—	497.0	562.1	—	W	W
August 1996	13.1	W	449.7	447.7	—	W	W
September 1995	13.3	W	452.9	579.2	NA	W	W
South Dakota							
September 1996	6.1	—	136.7	206.2	—	W	W
August 1996	9.9	—	66.4	177.0	—	W	W
September 1995	W	W	26.9	228.7	—	—	—
Tennessee							
September 1996	17.8	W	967.1	399.0	W	W	22.6
August 1996	19.2	W	942.9	300.3	W	W	W
September 1995	18.0	—	852.9	261.7	21.1	7.5	28.6
Wisconsin							
September 1996	W	—	140.1	682.2	—	92.9	92.9
August 1996	W	—	125.0	541.6	—	102.2	102.2
September 1995	W	—	198.6	683.5	—	106.3	106.3
PAD District III							
September 1996	150.8	126.8	14,772.4	14,156.8	463.0	4,587.6	5,050.6
August 1996	165.2	126.2	14,460.4	13,727.8	474.5	4,807.6	5,282.1
September 1995	142.7	171.2	13,722.2	13,327.7	377.4	3,385.1	3,762.5
Alabama							
September 1996	10.0	W	383.2	481.2	W	W	133.7
August 1996	12.5	W	401.5	451.8	W	W	212.7
September 1995	12.8	W	457.8	425.3	W	W	186.0
Arkansas							
September 1996	12.2	—	127.3	417.1	—	W	W
August 1996	16.1	—	161.2	266.5	—	W	W
September 1995	11.5	—	100.3	367.2	—	—	—
Louisiana							
September 1996	13.2	—	2,954.8	2,153.5	—	3,165.7	3,165.7
August 1996	11.6	—	2,436.6	2,470.8	—	3,499.4	3,499.4
September 1995	13.8	—	3,105.0	2,025.6	W	W	1,755.9
Mississippi							
September 1996	8.2	W	628.4	780.3	W	W	32.6
August 1996	11.4	W	937.6	1,061.9	—	W	W
September 1995	12.6	W	741.1	816.9	—	W	W
New Mexico							
September 1996	14.1	W	166.4	322.8	W	—	W
August 1996	12.8	W	166.7	261.3	W	—	W
September 1995	12.9	W	207.6	450.3	W	—	W
Texas							
September 1996	93.1	—	10,512.4	10,001.9	421.3	1,256.4	1,677.7
August 1996	100.7	—	10,356.8	9,215.6	447.7	1,066.7	1,514.4
September 1995	79.2	W	9,110.5	9,242.3	320.4	1,477.0	1,797.4
PAD District IV							
September 1996	41.7	W	1,629.5	1,067.6	W	W	43.4
August 1996	71.5	W	1,790.2	973.6	W	W	39.9
September 1995	46.4	217.0	1,361.4	1,053.2	W	W	39.0
Colorado							
September 1996	18.5	—	730.1	316.0	—	—	—
August 1996	29.9	—	790.5	228.1	W	—	W
September 1995	20.8	W	684.1	313.5	W	—	W

See footnotes at end of table.

Table 49. Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State

(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline	Naphtha- Type Jet Fuel	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Less Than or Equal to 1 Percent	Sulfur Greater Than 1 Percent	Total Residual Fuel Oil
Idaho							
September 1996	W	—	80.1	79.5	—	W	W
August 1996	10.6	—	77.1	78.6	—	W	W
September 1995	W	W	75.5	66.5	—	W	W
Montana							
September 1996	8.4	—	129.2	223.2	—	W	W
August 1996	14.8	—	125.1	206.7	—	W	W
September 1995	W	W	85.3	208.1	—	W	W
Utah							
September 1996	7.0	W	675.1	147.1	W	W	10.1
August 1996	9.9	W	778.5	134.8	W	W	6.6
September 1995	10.9	W	525.8	139.8	NA	W	W
Wyoming							
September 1996	W	—	15.0	301.7	W	W	W
August 1996	6.3	—	18.9	325.4	W	W	W
September 1995	3.5	W	10.7	325.3	W	W	W
PAD District V							
September 1996	256.1	57.3	19,347.9	2,769.9	1,463.9	4,235.6	5,699.5
August 1996	319.7	37.9	19,784.4	2,291.8	1,902.8	5,049.8	6,952.5
September 1995	279.7	W	16,813.2	2,365.2	1,353.9	3,497.8	4,851.7
Alaska							
September 1996	81.3	W	2,055.3	151.6	—	—	—
August 1996	90.1	W	2,425.1	W	—	—	—
September 1995	75.0	W	1,926.5	W	—	W	W
Arizona							
September 1996	17.1	—	826.9	232.7	W	W	W
August 1996	20.9	W	644.5	195.4	W	W	W
September 1995	18.7	W	615.0	81.3	W	W	9.2
California							
September 1996	100.3	W	11,328.2	1,349.5	385.9	1,494.5	1,880.4
August 1996	125.5	W	11,532.6	1,195.5	402.3	2,123.0	2,525.3
September 1995	119.1	W	9,759.6	1,379.3	385.6	1,189.2	1,574.8
Hawaii							
September 1996	W	—	NA	W	W	W	W
August 1996	W	—	NA	W	W	W	W
September 1995	W	—	1,010.1	W	W	W	1,216.1
Nevada							
September 1996	17.5	—	942.3	W	W	—	W
August 1996	17.5	—	786.5	87.2	W	—	W
September 1995	W	—	700.1	87.0	W	NA	W
Oregon							
September 1996	W	—	594.1	135.7	—	412.9	412.9
August 1996	W	—	622.5	107.8	—	344.9	344.9
September 1995	24.5	—	549.5	130.8	—	W	W
Washington							
September 1996	19.1	—	2,583.2	563.2	—	2,048.2	2,048.2
August 1996	35.5	—	2,660.2	454.5	W	W	2,341.5
September 1995	31.0	W	2,252.4	418.9	W	W	1,781.8

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										
September 1996	2,356.2	1,248.2	27,949.0	81,840.5	20,509.0	102,349.5	130,298.5	499.6	134,402.5	
August 1996	1,260.6	709.7	24,220.0	84,563.8	22,262.5	106,826.3	131,046.4	441.9	133,458.5	
September 1995	2,503.4	1,259.5	26,625.0	80,204.1	21,935.9	102,140.0	128,765.1	475.6	133,003.5	
PAD District I										
September 1996	1,490.7	NA	16,198.6	23,013.2	3,627.7	26,640.9	42,839.5	380.9	44,918.0	
August 1996	719.6	NA	13,390.9	23,815.2	4,162.2	27,977.4	41,368.3	308.3	42,590.3	
September 1995	W	W	15,341.9	22,046.9	3,758.1	25,805.0	41,146.9	421.3	43,230.0	
Subdistrict IA										
September 1996	258.6	3.1	4,171.1	2,511.4	172.2	2,683.6	6,854.7	82.2	7,198.5	
August 1996	92.5	3.4	2,767.4	2,601.8	121.4	2,723.2	5,490.5	76.4	5,662.9	
September 1995	W	W	4,080.0	2,439.7	85.4	2,525.1	6,605.1	93.8	6,929.0	
Connecticut										
September 1996	31.5	W	1,002.2	W	W	545.0	1,547.2	W	1,602.6	
August 1996	23.1	W	631.0	W	W	610.5	1,241.5	W	1,284.1	
September 1995	30.1	W	954.4	W	W	552.9	1,507.3	W	1,559.7	
Maine										
September 1996	116.8	W	757.6	426.7	28.5	455.2	1,212.8	W	1,341.2	
August 1996	28.5	W	458.0	445.0	25.5	470.5	928.5	W	962.2	
September 1995	108.9	W	721.4	384.5	8.9	393.5	1,114.9	W	1,232.7	
Massachusetts										
September 1996	27.7	-	1,451.9	900.5	78.2	978.6	2,430.5	29.3	2,487.5	
August 1996	7.8	-	1,023.3	905.6	35.7	941.3	1,964.6	21.0	1,993.3	
September 1995	45.3	-	1,432.3	809.2	58.4	867.6	2,299.9	35.0	2,380.3	
New Hampshire										
September 1996	65.5	W	440.0	W	W	290.0	730.1	W	804.4	
August 1996	20.4	W	294.3	W	W	294.3	588.6	W	629.0	
September 1995	32.4	W	482.1	W	W	329.9	812.0	W	856.0	
Rhode Island										
September 1996	10.5	W	417.9	W	W	326.1	744.1	W	762.2	
August 1996	8.5	W	299.9	W	W	307.4	607.2	W	622.3	
September 1995	W	W	405.0	W	W	288.2	693.2	W	713.7	
Vermont										
September 1996	6.5	W	101.4	78.4	10.2	88.7	190.1	W	200.5	
August 1996	4.3	-	60.8	88.7	10.6	99.3	160.1	7.6	172.0	
September 1995	6.4	W	84.8	84.1	8.9	93.0	177.8	W	186.7	
Subdistrict IB										
September 1996	736.4	NA	8,363.5	8,296.7	890.2	9,186.9	17,550.4	252.8	18,742.0	
August 1996	380.0	W	7,173.4	8,551.9	1,053.4	9,605.3	16,778.7	W	17,568.7	
September 1995	790.7	W	7,699.9	8,350.0	931.4	9,281.4	16,981.3	W	18,160.2	
Delaware										
September 1996	W	-	312.3	W	W	342.6	654.9	W	666.0	
August 1996	W	-	128.1	W	W	350.0	478.1	W	482.5	
September 1995	W	-	102.2	W	W	320.9	423.1	W	431.2	
District of Columbia										
September 1996	W	-	NA	W	W	31.3	85.8	W	96.4	
August 1996	W	-	NA	W	W	54.4	99.5	W	106.0	
September 1995	W	-	74.3	W	W	18.4	92.8	W	94.4	
Maryland										
September 1996	76.3	W	501.3	899.4	144.7	1,044.1	1,545.5	W	1,628.3	
August 1996	31.3	W	405.7	888.5	177.6	1,066.2	1,471.9	W	1,509.7	
September 1995	42.2	W	428.7	852.0	130.7	982.7	1,411.4	W	1,456.7	
New Jersey										
September 1996	154.2	43.0	2,692.2	1,923.6	238.9	2,162.5	4,854.7	41.0	5,092.8	
August 1996	113.7	44.8	2,065.3	2,133.4	277.6	2,411.0	4,476.3	33.8	4,668.6	
September 1995	269.0	W	2,438.1	2,109.3	307.2	2,416.5	4,854.6	W	5,180.7	
New York										
September 1996	228.4	W	2,486.7	1,589.8	119.6	1,709.4	4,196.1	W	4,761.0	
August 1996	W	W	2,095.0	1,655.7	114.0	1,769.7	3,864.7	170.9	4,301.6	
September 1995	243.7	W	2,335.5	1,709.2	118.6	1,827.8	4,163.2	W	4,729.5	
Pennsylvania										
September 1996	259.2	W	2,316.6	3,516.1	380.8	3,896.9	6,213.5	W	6,497.5	
August 1996	103.8	W	2,434.2	3,477.9	476.1	3,954.0	6,388.2	W	6,500.2	
September 1995	227.4	W	2,321.1	3,351.0	364.1	3,715.1	6,036.2	W	6,267.7	

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										
September 1996	495.7	1.4	3,664.0	12,205.1	2,565.3	14,770.4	18,434.4	46.0	18,977.5	
August 1996	247.1	W	3,450.1	12,661.5	2,987.5	15,649.0	19,099.1	W	19,358.7	
September 1995	512.4	W	3,562.0	11,257.2	2,741.3	13,998.5	17,560.4	W	18,140.8	
Florida										
September 1996	W	—	535.1	3,169.6	907.7	4,077.3	4,612.3	W	4,638.7	
August 1996	W	—	547.3	3,377.7	1,333.3	4,711.1	5,258.4	W	5,280.9	
September 1995	18.2	W	583.1	2,799.9	1,027.0	3,826.9	4,410.0	W	4,443.6	
Georgia										
September 1996	W	—	562.5	3,012.4	432.3	3,444.7	4,007.1	W	4,036.8	
August 1996	18.5	—	507.6	3,138.2	451.2	3,589.3	4,096.9	—	4,115.4	
September 1995	29.5	W	504.1	2,771.6	488.6	3,260.2	3,764.3	W	3,794.7	
North Carolina										
September 1996	191.7	W	849.6	2,234.4	435.8	2,670.2	3,519.8	W	3,712.1	
August 1996	89.6	W	786.4	2,280.3	426.9	2,707.2	3,493.6	W	3,585.4	
September 1995	W	—	826.6	2,206.6	428.0	2,634.6	3,461.2	W	3,678.9	
South Carolina										
September 1996	97.3	—	342.2	1,143.5	154.6	1,298.1	1,640.3	—	1,737.6	
August 1996	45.5	—	319.8	1,165.4	177.4	1,342.8	1,662.6	—	1,708.1	
September 1995	W	—	302.6	1,098.2	138.8	1,236.9	1,539.5	W	1,641.2	
Virginia										
September 1996	133.2	W	1,004.2	2,179.7	463.6	2,643.3	3,647.5	W	3,819.9	
August 1996	W	—	893.2	2,215.4	418.3	2,633.7	3,526.9	W	3,596.4	
September 1995	127.8	W	966.7	1,887.3	441.9	2,329.2	3,295.9	W	3,472.5	
West Virginia										
September 1996	W	W	370.4	465.5	171.3	636.8	1,007.2	—	1,032.3	
August 1996	W	W	395.8	484.5	180.5	664.9	1,060.7	—	1,072.5	
September 1995	18.5	W	378.9	493.6	217.0	710.7	1,089.6	W	1,109.9	
PAD District II										
September 1996	692.3	632.3	9,370.7	26,971.3	5,325.4	32,296.7	41,667.4	20.7	43,012.7	
August 1996	352.8	281.9	8,481.0	27,344.4	5,192.8	32,537.3	41,018.3	17.1	41,670.1	
September 1995	660.7	628.0	8,768.3	27,313.6	5,607.0	32,920.6	41,688.9	10.8	42,988.5	
Illinois										
September 1996	35.6	87.6	1,455.0	2,476.4	526.5	3,002.9	4,457.8	—	4,581.1	
August 1996	48.0	75.7	1,346.6	2,467.0	457.5	2,924.6	4,271.2	—	4,394.9	
September 1995	27.0	98.1	1,493.5	2,436.9	607.2	3,044.1	4,537.7	—	4,662.8	
Indiana										
September 1996	45.3	W	1,244.6	2,754.9	823.8	3,578.7	4,823.3	W	4,892.5	
August 1996	22.5	W	935.9	2,680.8	567.8	3,248.7	4,184.6	W	4,224.4	
September 1995	86.4	W	1,220.0	2,691.1	519.5	3,210.5	4,430.6	W	4,539.4	
Iowa										
September 1996	2.7	59.6	524.7	1,796.8	89.2	1,886.0	2,410.7	—	2,473.0	
August 1996	2.5	19.5	377.1	1,616.2	75.8	1,692.0	2,069.1	—	2,091.1	
September 1995	3.9	59.4	412.5	1,879.9	94.4	1,974.3	2,386.9	—	2,450.2	
Kansas										
September 1996	3.7	22.3	239.9	1,446.8	184.8	1,631.6	1,871.5	—	1,897.5	
August 1996	W	W	189.4	1,536.4	179.1	1,715.5	1,904.8	—	1,910.6	
September 1995	5.8	20.3	261.7	1,385.4	698.9	2,084.2	2,345.9	—	2,372.0	
Kentucky										
September 1996	56.9	W	712.3	1,367.9	554.6	1,922.4	2,634.7	W	2,693.8	
August 1996	17.3	W	691.9	1,379.9	629.2	2,009.1	2,701.0	W	2,719.6	
September 1995	60.5	W	725.1	1,403.7	637.9	2,041.6	2,766.7	W	2,829.3	
Michigan										
September 1996	150.0	43.0	936.6	2,065.0	226.5	2,291.5	3,228.1	—	3,421.1	
August 1996	32.5	25.3	844.7	2,062.8	188.0	2,250.8	3,095.5	—	3,153.3	
September 1995	70.5	42.9	974.3	2,051.6	295.2	2,346.8	3,321.1	—	3,434.5	
Minnesota										
September 1996	W	137.8	724.1	1,718.2	432.2	2,150.4	2,874.5	W	3,205.9	
August 1996	W	W	680.2	1,616.3	332.5	1,948.8	2,629.1	—	2,820.6	
September 1995	W	120.1	746.8	1,697.8	336.1	2,033.9	2,780.7	W	3,083.8	
Missouri										
September 1996	9.1	14.8	197.1	2,277.2	131.3	2,408.5	2,605.6	—	2,629.6	
August 1996	4.7	14.0	221.5	2,471.1	140.8	2,611.9	2,833.4	—	2,852.2	
September 1995	5.6	16.6	201.3	2,336.6	137.2	2,473.8	2,675.0	—	2,697.2	

See footnotes at end of table.

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

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate					No. 4 Fuel ^a	Total Distillate and Kerosene	
			No. 2 Fuel Oil	No. 2 Diesel Fuel			No. 2 Distillate			
				Low-Sulfur	High-Sulfur	Total				
Nebraska										
September 1996	W	W	314.0	917.2	307.8	1,225.0	1,539.1	—	1,594.6	
August 1996	W	W	308.3	1,063.5	505.9	1,569.4	1,877.6	—	1,885.2	
September 1995	3.2	58.9	122.7	950.9	377.3	1,328.2	1,451.0	—	1,513.1	
North Dakota										
September 1996	W	W	295.0	587.5	90.8	678.3	973.3	—	1,030.0	
August 1996	W	W	302.0	733.0	94.7	827.7	1,129.7	—	1,141.8	
September 1995	W	W	321.1	665.9	117.7	783.6	1,104.7	—	1,157.1	
Ohio										
September 1996	102.7	W	1,127.1	2,842.6	744.5	3,587.1	4,714.2	W	4,824.3	
August 1996	46.2	W	985.3	2,901.5	859.0	3,760.4	4,745.7	W	4,795.3	
September 1995	132.5	W	1,046.0	3,090.8	753.3	3,844.1	4,890.1	W	5,037.0	
Oklahoma										
September 1996	2.6	2.4	424.3	1,571.9	394.6	1,966.5	2,390.8	—	2,395.8	
August 1996	4.1	2.4	W	1,577.8	W	W	2,546.9	—	2,553.4	
September 1995	0.2	16.3	144.1	1,656.2	172.8	1,829.0	1,973.1	—	1,989.6	
South Dakota										
September 1996	1.0	47.1	121.2	635.3	22.6	657.9	779.2	—	827.3	
August 1996	W	W	W	691.8	W	W	815.5	—	827.1	
September 1995	1.8	51.9	79.4	640.1	26.7	666.8	746.3	—	799.9	
Tennessee										
September 1996	W	—	507.8	2,555.1	525.9	3,081.0	3,588.8	W	3,672.3	
August 1996	34.3	W	528.4	2,619.1	463.3	3,082.4	3,610.8	W	3,647.1	
September 1995	71.1	W	474.4	2,531.0	522.9	3,053.9	3,528.3	W	3,606.8	
Wisconsin										
September 1996	W	78.1	547.0	1,958.6	270.2	2,228.8	2,775.9	W	2,874.1	
August 1996	W	35.2	447.0	1,927.2	229.3	2,156.5	2,603.5	W	2,653.7	
September 1995	8.4	56.4	545.3	1,895.9	309.8	2,205.7	2,751.0	—	2,815.8	
PAD District III										
September 1996	114.0	4.4	1,899.8	13,058.1	6,722.1	19,780.1	21,679.9	—	21,798.3	
August 1996	158.0	W	1,839.8	13,695.6	7,333.4	21,029.0	22,868.8	W	23,027.8	
September 1995	254.1	W	2,047.4	13,022.6	7,333.8	20,356.4	22,403.8	W	22,720.1	
Alabama										
September 1996	12.2	—	336.3	1,343.2	446.3	1,789.6	2,125.8	—	2,138.1	
August 1996	7.5	—	334.2	1,471.7	517.7	1,989.4	2,323.6	—	2,331.1	
September 1995	14.3	—	354.8	1,267.6	420.8	1,688.4	2,043.2	—	2,057.5	
Arkansas										
September 1996	W	W	70.8	1,538.0	473.8	2,011.8	2,082.6	—	2,096.6	
August 1996	W	W	54.4	1,593.1	649.8	2,242.9	2,297.3	—	2,306.7	
September 1995	W	W	95.0	1,403.5	630.0	2,033.5	2,128.5	—	2,139.5	
Louisiana										
September 1996	W	W	387.6	1,595.8	2,452.8	4,048.5	4,436.2	—	4,448.6	
August 1996	W	W	319.0	1,801.4	2,654.5	4,455.8	4,774.8	—	4,786.6	
September 1995	W	—	373.8	1,643.9	2,696.9	4,340.8	4,714.6	W	4,886.5	
Mississippi										
September 1996	3.9	—	W	1,197.9	W	W	1,934.5	—	1,938.3	
August 1996	W	—	W	1,263.7	W	W	2,119.1	W	2,122.5	
September 1995	W	—	W	1,132.7	W	W	1,987.4	W	1,991.8	
New Mexico										
September 1996	W	W	W	806.5	W	W	969.6	—	972.3	
August 1996	W	W	W	828.1	W	W	1,036.9	—	1,038.4	
September 1995	1.5	2.9	W	794.3	W	W	882.6	—	886.9	
Texas										
September 1996	70.6	2.6	945.4	6,576.7	2,609.2	9,185.9	10,131.2	—	10,204.4	
August 1996	124.8	0.4	968.5	6,737.7	2,611.0	9,348.7	10,317.3	—	10,442.5	
September 1995	51.1	59.2	1,063.6	6,780.6	2,803.3	9,584.0	10,647.6	—	10,757.8	
PAD District IV										
September 1996	8.2	119.6	W	4,642.1	W	W	5,710.5	—	5,838.3	
August 1996	3.3	W	W	5,066.3	W	W	6,283.0	W	6,339.5	
September 1995	W	92.7	134.1	4,229.5	1,012.5	5,242.0	5,376.0	W	5,479.6	
Colorado										
September 1996	6.8	23.8	43.9	1,209.0	240.9	1,449.9	1,493.8	—	1,524.4	
August 1996	2.5	20.4	W	1,336.5	W	W	1,648.3	—	1,671.2	
September 1995	7.0	21.6	W	1,227.6	W	W	1,542.6	—	1,571.2	

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate					No. 4 Fuel ^a	Total Distillate and Kerosene	
			No. 2 Fuel Oil	No. 2 Diesel Fuel			No. 2 Distillate			
				Low-Sulfur	High-Sulfur	Total				
Idaho										
September 1996	0.6	20.4	W	609.9	W	W	854.5	-	875.5	
August 1996	W	W	W	650.4	W	W	991.0	-	996.9	
September 1995	W	W	W	441.9	W	W	758.8	-	772.3	
Montana										
September 1996	W	W	W	747.3	W	W	749.9	-	787.8	
August 1996	-	12.5	W	934.5	W	W	939.1	-	951.5	
September 1995	0.2	30.8	W	888.6	W	W	892.3	-	923.2	
Utah										
September 1996	W	W	W	942.9	W	W	1,243.5	-	1,259.9	
August 1996	W	5.2	W	1,036.2	W	W	1,354.1	W	1,360.0	
September 1995	W	10.0	W	768.6	W	W	1,019.0	W	1,029.8	
Wyoming										
September 1996	-	21.8	W	1,133.0	W	W	1,368.8	-	1,390.6	
August 1996	-	9.5	W	1,108.8	W	W	1,350.5	-	1,360.0	
September 1995	W	W	W	902.7	W	W	1,163.4	-	1,183.1	
PAD District V										
September 1996	51.0	285.0	W	14,155.8	W	W	18,401.2	98.0	18,835.2	
August 1996	26.9	179.4	W	14,642.2	W	W	19,508.0	116.4	19,830.7	
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	
Alaska										
September 1996	-	W	313.1	53.8	381.2	435.0	748.1	W	1,042.0	
August 1996	-	W	308.2	71.5	572.7	644.3	952.5	W	1,168.3	
September 1995	W	315.6	275.8	39.5	496.1	535.6	811.4	W	1,129.3	
Arizona										
September 1996	-	-	W	1,344.8	W	W	1,557.9	-	1,557.9	
August 1996	W	-	W	1,206.4	W	W	W	-	1,412.5	
September 1995	-	W	-	1,223.5	W	W	W	-	1,421.4	
California										
September 1996	21.3	W	W	8,920.3	W	W	10,064.2	W	10,099.8	
August 1996	9.2	W	W	9,303.8	W	W	10,337.1	W	10,358.0	
September 1995	12.7	W	W	8,212.8	W	W	9,536.2	W	9,560.9	
Hawaii										
September 1996	-	-	W	NA	W	W	W	-	536.4	
August 1996	-	W	W	NA	W	W	W	-	625.0	
September 1995	-	W	W	W	460.0	W	W	-	587.0	
Nevada										
September 1996	-	W	-	643.1	W	W	W	-	751.7	
August 1996	-	W	-	693.7	W	W	W	-	811.0	
September 1995	W	W	W	W	27.1	W	829.2	-	830.9	
Oregon										
September 1996	W	7.1	W	1,305.0	W	W	1,962.4	W	1,992.2	
August 1996	W	16.1	W	1,338.0	W	W	2,097.5	W	2,130.2	
September 1995	W	12.8	W	1,438.3	W	W	2,228.2	W	2,266.0	
Washington										
September 1996	W	25.1	34.3	1,778.6	968.7	2,747.2	2,781.5	W	2,855.3	
August 1996	W	12.8	38.2	1,918.2	1,316.4	3,234.6	3,272.8	W	3,325.8	
September 1995	22.0	W	27.1	1,777.6	931.6	2,709.2	2,736.2	W	2,789.8	

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

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

Explanatory Notes

Explanatory Notes

The EIA-782 Survey

Background

The EIA-782 surveys were implemented in 1983 to fulfill the data requirements necessary to meet Energy Information Administration (EIA) legislative mandates and user community data needs. The requirements include petroleum product price, market distribution, demand (or sales), and product supply data, which are needed for a complete evaluation of petroleum market performance. The EIA-782 series includes the Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report"; Form EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report"; and Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."

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

high-sulfur categories. The wholesale gasoline categories on the EIA-782A and EIA-782B forms were also modified to include *dealer tank wagon, rack, and bulk sales*. The retail categories for propane on the EIA-782A and EIA-782B were expanded to include *residential, commercial/institutional, industrial, sales through company-operated retail outlets, petrochemical, and other end user sales*.

Discussion of Sample Design

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

The Form EIA-782B is sent to a scientifically selected sample of motor gasoline resellers, and distillate, propane, and residual fuel oil resellers and retailers. The Form EIA-863, "Petroleum Product Sales Identification Survey," served as the basis of the sampling frame of dealers. Information obtained from the Form EIA-863 is supplemented with information from the Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report." The sales volumes obtained from these surveys are used to create separate stratification schemes that vary by product and State. Dealers selling in more than four States and company/State units comprising 5 percent or more of sales in a State were selected with certainty. The remaining company/State units on the frame were stratified within geographic area and sales type by urban/rural designation and volume of product sales. The geographic areas were defined as (a) the 24 States in which No. 2 distillate was a significant heating source and 50 States and the District of Columbia for residual and motor gasoline, or as (b) the PAD Districts for districts where not all State estimates are provided. The type-of-sale classifications were retail and resale for motor gasoline and residual fuel oil, and residential and 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

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

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

and,

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

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

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

where

N_k = the number of population units in group k,

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

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

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

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

The term M_k is computed as follows:

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

where

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

and

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

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

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

Data Continuity

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

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

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

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

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

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

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

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

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

where t = reference month.

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

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

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

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

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

Starting with the 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	18.30	24.30	13.00	Mississippi ⁴	18.00	18.00	18.00
Average State Tax . . .	19.93	19.33	19.76	Missouri ⁴	17.04	17.04	17.04
				Montana ⁴	27.75	28.50	27.75
Alabama ⁴	18.00	19.00	18.00	Nebraska	27.00	26.60	27.00
Alaska	8.00	8.00	8.00	Nevada ⁴	23.75	27.75	23.75
Arizona	18.00	18.00	18.00	New Hampshire	19.60	19.60	19.60
Arkansas	18.60	18.60	18.60	New Jersey ³	10.50	13.50	10.50
California ^{3,4}	18.60	18.60	18.60	New Mexico	18.88	19.88	18.88
Colorado	22.00	20.50	22.00	New York ^{3,4}	21.74	21.74	21.74
Connecticut ³	37.00	18.00	35.00	North Carolina	21.95	21.95	21.95
Delaware	23.00	22.00	23.00	North Dakota	20.03	20.03	20.03
District of Columbia . .	20.00	20.00	20.00	Ohio	22.00	22.00	22.00
Florida ⁴	12.50	12.50	12.50	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	26.00	26.00	23.50	Rhode Island	29.00	29.00	29.00
Illinois ^{3,4}	20.10	22.60	20.10	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	18.03	20.03	18.03	Texas	20.00	20.00	20.00
Kentucky	16.40	13.40	16.40	Utah	19.00	19.00	19.00
Louisiana	20.00	20.00	20.00	Vermont	16.00	17.00	16.00
Maine	19.00	20.00	19.00	Virginia ³	18.10	16.60	18.10
Maryland	23.50	24.25	23.50	Washington ⁴	23.00	23.00	23.00
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	26.70	26.70	26.70
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, 1996.

² The Federal tax on motor gasoline and diesel fuel decreased to 18.3 and 24.3 cents, respectively, on January 1, 1996.

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 gross income 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 Jersey: gross receipts tax of 4 cents per gallon for on-highway use fuels; 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 11.2 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 1995 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	69.6	69.6	0.0	87.4	86.9	0.5	41.0	41.1	-0.1
February	68.8	68.9	-0.1	87.9	87.4	0.5	40.9	41.0	-0.1
March	69.0	69.0	0.0	87.4	86.6	0.8	41.0	41.0	0.0
April	73.5	73.5	0.0	86.2	85.4	0.8	40.2	40.2	0.0
May	79.3	79.3	0.0	86.4	86.4	0.0	41.6	41.6	0.0
June	79.7	79.7	0.0	84.7	84.6	0.1	41.8	41.8	0.0
July	76.2	76.2	0.0	82.0	82.0	0.0	38.2	38.2	0.0
August	73.5	73.5	0.0	80.6	80.7	-0.1	35.5	35.5	0.0
September	72.4	72.4	0.0	82.3	82.3	0.0	35.2	35.2	0.0
October	70.0	69.9	0.1	84.2	84.0	0.2	36.2	36.2	0.0
November	67.8	67.8	0.0	86.6	86.3	0.3	38.4	38.4	0.0
December	68.9	68.9	0.0	91.2	91.1	0.1	44.0	44.2	-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*, 1995.

Table EN4. Revision Error in Selected 1995 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	259.7	262.3	-1.0	101.5	104.3	-2.8	13.0	12.8	1.5
February	276.2	276.3	0.0	113.6	112.3	1.1	13.9	13.9	0.0
March	281.8	281.8	0.0	106.9	106.7	0.2	12.0	12.0	0.0
April	278.6	278.2	0.1	105.1	105.8	-0.7	11.0	11.0	0.0
May	290.7	291.4	-0.2	99.6	100.3	-0.7	10.5	10.5	0.0
June	303.3	303.7	-0.1	107.3	108.2	-0.8	10.2	10.2	0.0
July	294.5	294.1	0.1	97.7	97.7	0.0	10.1	10.2	-1.0
August	305.6	305.4	0.1	104.0	104.0	0.0	11.4	11.4	0.0
September	294.8	294.6	0.1	106.6	106.6	0.0	11.8	11.8	0.0
October	290.0	290.5	-0.2	110.3	110.7	-0.4	10.6	10.6	0.0
November	294.2	294.7	-0.2	111.1	111.1	0.0	11.8	11.8	0.0
December	291.8	291.7	0.0	115.9	115.8	0.1	12.2	12.7	-4.1

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*, 1995.

Table EN5. Revision Error in Selected Volumes of 1995 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	306.9	305.9	0.3	133.1	132.9	0.2	31.4	30.4	3.2
February	323.3	322.4	0.3	145.9	145.8	0.1	33.5	33.5	0.0
March	330.8	331.1	0.2	139.0	138.8	0.1	28.4	28.4	0.0
April	330.8	329.8	0.3	126.2	126.1	0.1	23.5	23.5	0.0
May	341.5	341.3	0.1	124.2	124.2	0.0	22.8	22.8	0.0
June	353.4	353.2	0.1	128.3	128.3	0.0	23.0	23.2	-0.9
July	344.0	343.7	0.1	115.7	115.7	0.0	22.9	23.2	-1.3
August	355.0	354.8	0.1	129.3	129.1	0.2	26.6	26.3	1.1
September	337.3	337.2	0.0	128.8	128.8	0.0	25.6	25.3	1.2
October	338.0	338.4	-0.1	134.3	134.6	-0.2	22.1	22.1	0.0
November	338.1	337.8	0.1	137.5	137.5	0.0	26.1	26.1	0.0
December	333.5	333.5	0.0	143.5	143.5	0.0	31.9	31.9	0.0

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*, 1995.

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.

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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 1995 Refiner Acquisition Cost Data
(Dollars per Barrel)

Date	Refiner Acquisition Costs								
	Domestic			Imported			Composite		
	PMM	Final	Difference	PMM	Final	Difference	PMM	Final	Difference
January	16.52	16.52	0.00	16.56	16.56	0.00	16.54	16.54	0.00
February	17.16	17.16	0.00	17.21	17.21	0.00	17.18	17.18	0.00
March	17.31	17.31	0.00	17.22	17.21	0.01	17.27	17.26	0.01
April	18.20	18.20	0.00	18.73	18.70	0.03	18.44	18.43	0.01
May	18.68	18.68	0.00	18.51	18.56	-0.05	18.60	18.62	-0.02
June	17.94	17.94	0.00	17.44	17.43	0.01	17.69	17.69	0.00
July	16.85	16.85	0.00	16.50	16.50	0.00	16.68	16.68	0.00
August	16.96	16.96	0.00	16.54	16.54	0.00	16.75	16.75	0.00
September	17.12	17.12	0.00	16.71	16.71	0.00	16.91	16.91	0.00
October	16.82	16.82	0.00	16.30	16.29	0.01	16.56	16.55	0.01
November	16.73	16.73	0.00	16.50	16.52	-0.02	16.61	16.62	-0.01
December	17.55	17.55	0.00	17.58	17.53	0.05	17.57	17.54	0.03

Sources: PMM data are from Table 1 of the *Petroleum Marketing Monthly*. Final data are from Table 1 of the *Petroleum Marketing Annual*, 1995.

Table EN7. Revision Error in 1995 Domestic First Purchase Price Data
(Dollars per Barrel)

Month	PMM	Final	Difference
January	14.00	14.00	0.00
February	14.69	14.71	-0.02
March	14.68	14.68	0.00
April	15.84	15.84	0.00
May	15.85	15.85	0.00
June	15.02	15.02	0.00
July	14.01	14.01	0.00
August	14.13	14.13	0.00
September	14.49	14.49	0.00
October	13.68	13.68	0.00
November	14.03	14.03	0.00
December	15.02	15.02	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 1995 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	15.08	15.08	0.00	16.23	16.23	0.00
February	15.63	15.65	-0.02	16.73	16.74	-0.01
March	15.88	15.88	0.00	17.04	17.04	0.00
April	17.28	17.28	0.00	18.26	18.26	0.00
May	17.30	17.30	0.00	18.18	18.18	0.00
June	15.91	15.91	0.00	17.07	17.07	0.00
July	14.82	14.82	0.00	15.94	15.96	-0.02
August	15.05	15.05	0.00	16.10	16.10	0.00
September	15.24	15.24	0.00	16.38	16.38	0.00
October	14.68	14.68	0.00	15.87	15.87	0.00
November	15.31	15.30	0.01	16.30	16.30	0.00
December	16.13	16.06	0.07	17.10	17.05	0.05

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*, 1995.

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

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

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

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

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

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

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

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.

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Articles

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15. Extent and Nature of Circulation		Average No. Copies Each Issue During Preceding 12 Months	Actual No. Copies of Single Issue Published Nearest to Filing Date
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17. Signature and Title of Editor, Publisher, Business Manager, or Owner Terry Butler Support Services Specialist <i>Terry Butler</i>			Date <u>09/30/96</u>

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