

Petroleum Marketing Annual 1998

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Preface

The *Petroleum Marketing Annual* (PMA) 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 Division, Office of Oil and Gas, Energy Information Administration ensures the accuracy, quality, and confidentiality of the published data in the *Petroleum Marketing Annual*.

For this publication, all estimates have been recalculated since their earlier publication in the *Petroleum Marketing Monthly* (PMM). These calculations made use of additional data and corrections that were received after the PMM publication date.

Scope of Data

The data within the *Petroleum Marketing Annual* 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, "Retailers'/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 Annual* 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. All tables show 12 months of data for 1998.

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.
- Values shown are final. Refer to the Explanatory Notes for a discussion of processing late submissions and resubmissions.
- 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 sec-

tion, 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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Highlights

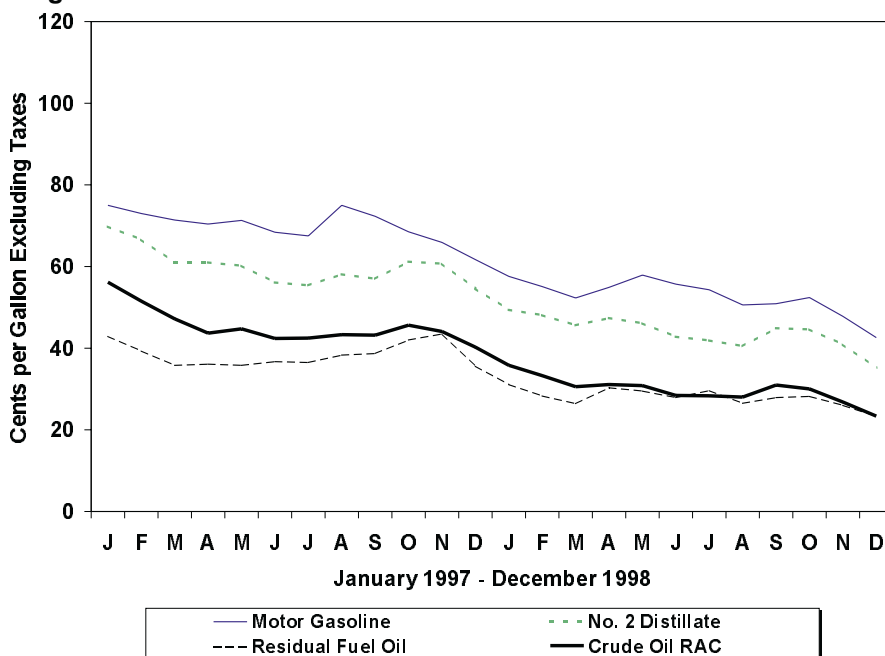
1998 Year in Review

International crude oil prices languished during 1998 as slow demand and an overabundance of product dominated world oil markets. Opening the year, the Organization of Petroleum Exporting Countries (OPEC) initiated a new program of production quotas that increased the group's stated crude oil output from 25.033 million barrels per day to 27.5 million barrels per day. Under the weight of the combined effects of enervated demand from Asian markets, rising wellhead output, and renewed exports from Iraq under the U.N. sponsored "oil-for-food" deal, crude oil prices slipped to their lowest levels since autumn 1988 by mid-March. Growing concern over slumping prices prompted discussions involving production cutbacks by many oil producing countries in order to stabilize prices. During the latter part of March, a meeting between some members of OPEC and non-OPEC producer nations yielded the "Riyadh Agreement" which initially proposed cutting crude oil production by as much as 2 million barrels per day. After an emergency meeting of all 16 members of OPEC, the reductions associated with this agreement amounted to approximately 1.5 million barrels per day, and were slated to begin on April 1. While this action helped to pull prices out of the very low range seen during the first quarter of the year, it became evident that market sentiment regarded this measure as insufficient to address the glut of oil in world markets. Further, in a development interpreted as having adverse repercussions on efforts to support prices, the U.N. Secretary-General approved a revised aid distribution plan for Iraq on May 29 that significantly increased the monetary cap for the "oil-for-food" deal. In early June, representatives from Saudi Arabia, Venezuela, and Mexico, un-

der the so-called "Amsterdam Agreement," pledged to cut production by an additional 450,000 barrels per day beginning July 1. Members of the Gulf Cooperation Council (GCC) announced additional reductions totaling 170,000 barrels per day in mid-June. Further, during its quarterly meeting in late-June, OPEC announced a new round of output cuts totaling 1.355 million gallons per day. With the new cuts added to the earlier round of reductions, the group cut production by 2.6 million barrels per day, virtually the same amount it added at the beginning of the year.

During the second half of 1998, efforts to rein in wellhead production met some success, but lackluster demand continued to mitigate the effect of crude oil production cuts on prices. Ongoing economic turmoil in various Asian countries stunted their demand for both crude oil and finished products. Prior to the re-

Figure HL1. Crude Oil and Petroleum Product Wholesale



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."

gions's financial crisis, which began in late-1997, Asia had shown appreciable growth in consumption of petroleum products. In addition, demand from the industrialized West continued at a lower-than-expected rate. More specifically, high stock levels of crude oil in the United States and Europe persisted and contributed significantly to enervated prices. Overall, data show that the total world supply of crude oil still exceeded demand (by 1.02 million gallons per day) during this period. In the political domain, tensions between the United Nations and Iraq over the terms of the weapons inspection program caused crude oil prices to rise considerably during September, the last increase of any significance for the year. The overabundance of product continued to counteract the energizing effect political affairs and inclement weather had on prices during the final quarter of the year. Further, prices suffered from market sentiment that OPEC would not announce any more substantive actions to reduce the oversupply during its final quarterly meeting in November. In December, shortly after many key crude oil streams had reached their lowest point for the year, prices experienced a short-lived increase when U.S. and British forces initiated a 4-day air strike against targets in Iraq. The conflict arose from reports citing Iraqi government-led efforts to hamper the U.N.-sponsored weapons inspection program. Despite early suggestions that oil exports would halt because of the attacks, production and transportation facilities were evidently unaffected by the raids. By the end of the campaign, market prices had returned to their previous low levels. The year closed on a note of uncertainty about the prospects of any imminent relief from the depressed price levels for crude oil since the fundamental factors causing the slump—brimming product stockpiles and slow demand—remained.

In the United States, crude oil and finished product prices both reflected and helped set the tone for the trends seen across world markets during 1998. As the world's largest consumer of petroleum products, reports indicating storage facilities reaching saturation levels illustrated the oversupply problem and played a fundamental role, along with uneven demand, behind lethargic prices here and abroad. Like other major international markets, concerns in U.S. markets about the quantity and implementation of promised global crude oil production cuts also acted as a primary factor behind enervated prices throughout the year. Weather also played a notable role in product price trends, from unusually warm winter temperatures that significantly affected demand for heating fuels to storms that disrupted product transportation facilities.

The year opened with most product prices at their highest level for the year. Markets across the country remained under the same essential factors that had driven market activity for many prior to the new year: abundant supplies, solid production rates, and uneven demand. With refining margins remaining profitable enough to sustain a high rate of refinery utilization, stocks of products mounted. During the first quarter of 1998, production of finished gasoline and distillate fuels were approximately 3.0 percent and 5.8 percent higher, respectively, than during the same period in 1997. A similar comparison of demand rates for these products show a 2.5 percent increase for gasoline while demand for distillate fuels remained essentially flat. During the final 2 weeks of March, a combination of proposed cuts in global crude oil production, a spate of refinery problems, and reported reductions in gasoline stocks prompted prices to rise significantly during the last two weeks of the month. A switch to producing and supplying lower-RVP summer grade gasoline under the new Complex Model regulations and disruptions in the pipeline distribution system along the East Coast also contributed to rising prices.

At the start of spring, markets became more volatile. Concern about the implementation of promised crude oil wellhead production cuts and shrinking refining margins enervated crude oil prices. Finished product prices were buffeted by a number of conditions associated with production and distribution facilities in addition to the direction of crude oil prices. Refinery outages gave finished product prices across the country a boost, but particularly on the West Coast where the spot price for CARB gasoline spiked during the second half of April due to refinery breakdowns in both Los Angeles and San Francisco. As the season continued, crude oil prices continued to suffer under the weight of oversupply and to reports of shortages of storage space, particularly in PADD II. These conditions led to the spot price for West Texas Intermediate (WTI) at Cushing, Oklahoma to drop below the \$12-per-barrel mark for the first time in nearly 12 years during the middle of June.

By July, crude oil prices moved away from the long-term lows seen during the final weeks of spring as market uneasiness over the adequacy of efforts to reduce international wellhead production diminished. In contrast, prices for the major finished products did not fare as well. At New York Harbor, prices for conventional regular gasoline and No. 2 heating oil reached their lowest points in nearly 5 and 12 years, respectively. Gulf Coast spot market prices for the same products sank even lower. However, with refining margins remaining attractive, refinery utilization

stayed very high throughout July. While crude oil and finished product prices remained soft during August, owing to a lack of any extraordinary events to alter ongoing market circumstances, prices rose considerably during September due to inclement weather. Production and transportation facilities in and around the Gulf of Mexico and the Caribbean Sea were affected by five tropical storms or hurricanes striking the area over the month. The most damaging storm, Hurricane Georges, caused considerable flooding along the U.S. Gulf Coast and led to closure of production and refining facilities in that region. Further, disruptions at major ports, particularly at the Louisiana Offshore Oil Port (LOOP), delayed the delivery of crude oil shipments, leading to a significant draw on available stocks and drove prices higher.

Moving into the final quarter of the year, prices were still supported at the beginning of October by the effects of numerous tropical storms in September. By the latter half of October, supply reports indicated that the anticipated level of draw downs in product stocks had not occurred, and prices in most regional markets dropped sharply. In contrast, prices on the West Coast rose as a series of refinery outages contributed to significant stock reductions in that region's markets. By November, market prices for both crude oil and finished products plummeted in response to rising stockpiles and the perception that OPEC would be unable to complete the implementation of new measures designed to alleviate pressure on crude oil prices. Additionally, finished product production rose as refining facilities came back online after scheduled and storm-related maintenance, contributing to sharp price declines. During the final month of the year, prices were buffeted by opposing influences. Month- and year-end technical factors, along with tensions stemming from military actions in Iraq helped to pull prices up for a brief time, but the upturn was rather quickly dampened by reports indicating brimming stockpiles of products.

1998 market and sales activity for crude oil and the principal petroleum products are summarized in the following sections.

Crude Oil

Under the weight of ample supplies, the daily spot price for West Texas Intermediate (WTI) crude oil at Cushing, Oklahoma dropped considerably during

1998. The ready availability of crude oil, throughout U.S. and global markets was the filter through which all other potentially influential events passed. The price opened the year at \$17.41 per barrel and moved to the year's high of \$17.93 per barrel on January 29, chiefly in response to Iraq's refusal to adhere to the terms of the United Nations weapons inspection program fully. The price gravitated downward for the remainder of the winter season, reaching long-term lows before leaping upwards during the first weeks of spring on news of wellhead production cuts agreements. The price remained volatile during the remainder of the quarter, buffeted by reports of brimming stockpiles and news of further production cuts. After a period of relative firmness, the price foundered during the final months of year as growing stocks and solid wellhead production rates reasserted their influence on market price trends. The year's low of \$10.82 per barrel, reached on December 10, also marked the lowest level seen in 12 years. Closing at \$12.14 per barrel, the price was \$5.27 per barrel lower than where it began 1998.

- 1998 average crude oil prices fell dramatically from 1997 levels in all categories of sales. The average domestic crude oil first purchase price declined \$6.35 (36.9 percent), to \$10.88 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil decreased \$6.18 (36.5 percent), to \$10.76 per barrel. The average landed cost of foreign crude oil dropped \$6.27 (34.6 percent), to \$11.84 per barrel.
- The average refiner acquisition cost of domestic crude oil fell \$6.43 (32.8 percent), to \$13.18 per barrel. The average cost of imported crude oil to U.S. refiners declined \$6.49 (35.0 percent), to \$12.04 per barrel. The composite refiner acquisition cost of crude oil in the United States decreased \$6.52 (34.2 percent), to \$12.52 per barrel.

Petroleum Products

Motor Gasoline

At New York Harbor, many of the same conditions and events affected the daily spot price for unleaded regular gasoline that influenced prices for crude oil and other finished products' prices during 1998. After opening at 49.6 cents per gallon, the price generally waned during the first quarter, as stocks remained at

robust levels. By the end of the period, however, a combination of factors including a spate of refinery problems, disruptions in the pipeline distribution system along the East Coast, and proposed cuts in world crude oil production prompted the price to rise significantly during the last two weeks of March. The late-winter surge lingered through the first half of spring as more refinery outages (specifically, on the West Coast) and expected draws on stocks supported the price and led to the year's high of 52.4 cents per gallon on May 4. For the remainder of spring, and through most of the summer, the price remained relatively stagnant, as plentiful stocks and high refinery output continued to dampen market prices. Heading into the final quarter of the year, inclement weather affecting refining operations and product transportation networks in late-September, boosted the price to its highest level since springtime. Plummeting after that, the price reached the year's low of 29.1 cents per gallon on December 4. The price closed the year at 33.2 cents per gallon, 16.4 cents per gallon lower than where it began 1998.

- 1998 average gasoline prices fell substantially from 1997 levels. The average price for retail sales of motor gasoline by refiners declined 16.6 cents to 67.3 cents per gallon, while the average wholesale price decreased 17.4 cents to 52.6 cents per gallon. Including data reported by a sample of motor gasoline marketers, the national average price at company-operated retail outlets fell 17.1 cents, to 66.4 cents per gallon. The average wholesale price fell 17.3 cents, to 53.0 cents per gallon. The average dealer tank wagon (DTW) price for motor gasoline dropped 17.0 cents, to 60.5 cents per gallon. The average rack price declined 17.3 cents to 50.3 cents per gallon. The average bulk sales price fell 16.6 cents to 45.5 cents per gallon. The average difference between reformulated and conventional gasoline prices was 5.0 cents at retail and 7.9 at wholesale. The difference between conventional and oxygenated gasoline prices was 7.0 cents at retail and 8.4 cents at wholesale.
- Data reflecting 1998 refiner sales of finished motor gasoline show growth in most categories. Total sales rose 9.9 million gallons per day (2.8 percent), to an average of 363.7 million gallons per day. Retail sales increased 2.2 million gallons per day (3.6 percent), while wholesale rose 7.7 million gallons per day (2.6 percent). Rack sales formed 62.0 percent of refiner wholesale gasoline volumes, while DTW and bulk sales made up 24.3 percent and 13.8 percent, respectively.

Reformulated gasoline (RFG) accounted for 30.9 percent of total motor gasoline sales, while oxygenated gasoline made up 3.0 percent of sales.

No. 2 Distillate

Another warmer-than-normal heating season contributed to the surplus that played a primary role behind the overall decline of the daily spot price for No. 2 heating oil at New York Harbor during 1998. Opening at 48.8 cents per gallon, the price followed the same general pattern seen in other products' prices during the first quarter. After reaching the high for the year, 49.2 cents per gallon, on January 29, the price ebbed through most of the first quarter. Notably, the No. 2 heating oil price remained below the price for gasoline through most of the winter season, when those positions are more typically reversed. By May, mounting stockpiles and falling demand led to a growing difference between the price for heating oil and other major products. However, the price rose considerably during September due to the combination of increasing demand in preparation of the coming heating season and stormy weather that disrupted market operations. The price tumbled during the final months of the year, hitting the year's low of 29.9 cents per gallon on December 10. The price closed 1998 at 32.5 cents per gallon, 16.3 cents lower than where it began the year.

- Like gasoline prices, average 1998 prices for No. 2 distillate fell substantially from 1997 levels. The national average residential price declined 13.2 cents to 85.2 cents per gallon. The average wholesale price decreased 16.1 cents to 45.0 cents per gallon. The national average price at company-operated retail outlets for No. 2 diesel fuel fell 15.2 cents to 59.3 cents per gallon, while the average wholesale price declined 16.2 cents, to 45.4 cents per gallon. The difference between low- and high-sulfur diesel fuel prices averaged 1.0 and 2.0 cents per at retail and wholesale, respectively.
- Refiner sales of No. 2 distillate were mixed in 1998, with decreasing sales of No. 2 fuel oil causing a decline in No. 2 distillate sales overall. Total sales fell 1.1 million gallons (0.8 percent) to 143.5 million gallons per day. No. 2 fuel oil sales fell 3.6 million gallons per day (10.6 percent) while sales of No. 2 diesel fuel increased 2.5 million gallons per day (2.3 percent). Low-sulfur diesel fuel made up 80.9 percent of all diesel fuel sales and 63.7 percent of all refiner No. 2 distillate sales.

Residual Fuel Oil

- 1998 average residual fuel oil prices fell markedly in all categories of sales. Refiner prices for low-sulfur residual fuel declined 13.4 cents to 35.4 cents per gallon for retail sales and 11.6 cents to 29.9 cents per gallon for wholesale. Refiner high-sulfur residual fuel prices dropped 11.6 cents, to 28.7 cents per gallon at the retail level and 9.7 cents to 26.9 cents per gallon at wholesale. Including data reported by the sample of residual fuel oil marketers, the average low-sulfur price declined 11.6 cents per gallon at retail and 11.9 cents per gallon at wholesale. The average price for high-sulfur residual fuel fell 11.5 cents and 10.4 cents for retail and wholesale sales, respectively.
- While prices declined, total refiner sales of residual fuel oil increased 4.9 million gallons per day (19.7 percent) during 1998, with sales averaging 29.8 million gallons per day. Low-sulfur residual fuel oil sales rose 1.6 million gallons per day (20.0 percent), while high-sulfur residual fuel oil increased 3.1 million gallons per day (18.2 percent).

Other Products

- 1998 average prices for all products included in this section fell from last year's levels. Refiner propane prices slid 14.7 cents per gallon at retail and 12.8 cents at wholesale. Including the sample of propane marketers, the average residential propane price tumbled 10.8 cents to 88.8 cents per gallon, while the average end-user price fell 10.4 cents. The average wholesale price declined 12.9 cents, dropping to 29.7 cents per gallon. Refiner prices for the remaining products—kerosene-type jet fuel, No. 1 distillate, No. 4 distillate, and aviation gasoline—fell substantially at both levels.
- Refiner sales of these products were mixed during 1998. Propane sales decreased 100,000 gallons per day at retail but rose 600,000 gallons per day at wholesale. Kerosene-type jet fuel sales fell 700,000 gallons per day at retail and rose 900,000 gallons per day at wholesale. Sales of kerosene, No. 1 distillate, and No. 4 distillate increased at retail and fell wholesale. Sales of aviation gasoline declined at both levels.

Summary Statistics

Table 1. Crude Oil Prices
(Dollars per Barrel)

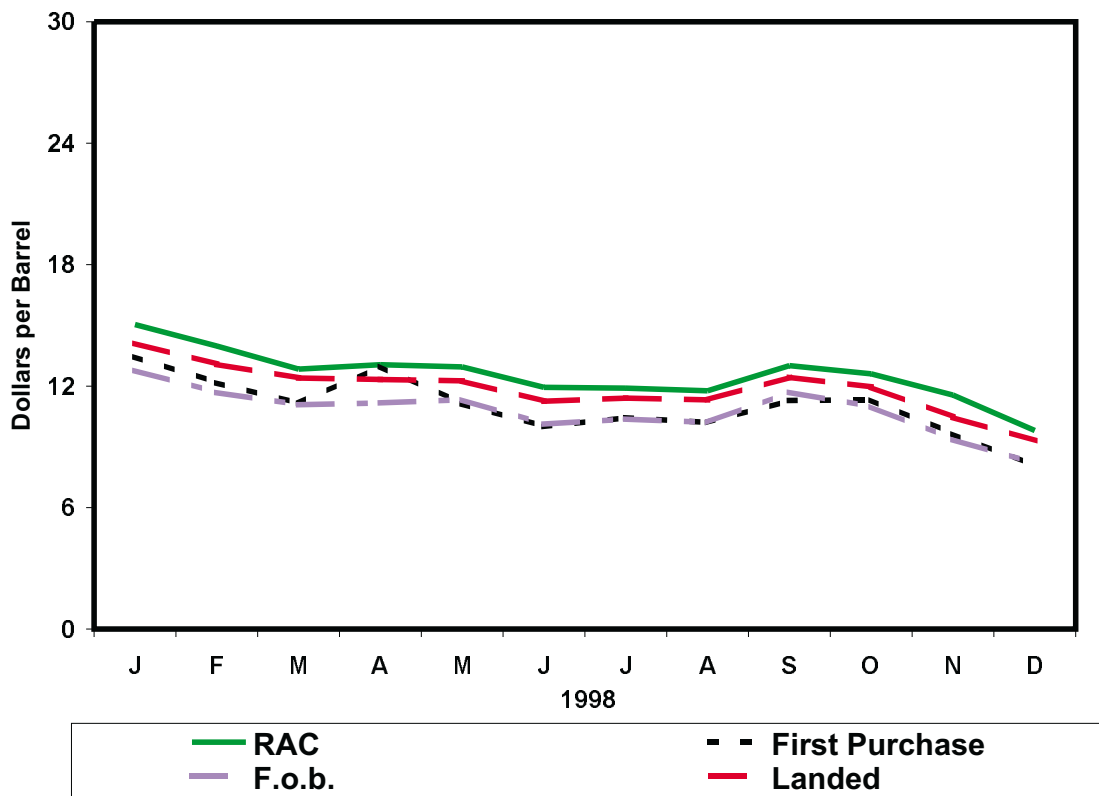
Year Month	Domestic First Purchase Prices	Average F.O.B. ^a Cost of Crude Oil Imports ^b	Average Landed Cost of Crude Oil Imports ^b	Refiner Acquisition Cost of Crude Oil		
				Domestic	Imported	Composite
1978	9.00	13.29	14.35	10.61	14.57	12.46
1979	12.64	20.07	21.45	14.27	21.67	17.72
1980	21.59	32.37	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	13.19	14.18	15.18	15.67	15.51	15.59
1995	14.62	15.69	16.78	17.33	17.14	17.23
1996						
January	15.43	16.17	17.31	17.98	17.48	17.74
February	15.54	16.86	17.81	18.10	17.77	17.95
March	17.63	18.77	19.61	19.63	19.90	19.76
April	19.58	19.56	20.73	21.88	21.33	21.63
May	17.94	18.34	19.61	21.15	20.12	20.61
June	16.94	17.61	18.83	19.30	19.32	19.31
July	17.63	18.21	19.35	19.91	19.60	19.76
August	18.29	19.27	20.30	20.55	20.53	20.54
September	19.93	21.03	21.95	21.87	22.04	21.96
October	21.09	22.23	23.05	22.93	23.22	23.08
November	20.20	21.31	22.24	23.08	22.66	22.87
December	21.34	21.56	22.48	23.38	23.22	23.30
1996	18.46	19.32	20.31	20.77	20.64	20.71
1997						
January	21.76	21.19	22.21	24.25	23.02	23.59
February	19.38	18.99	19.98	22.49	20.88	21.64
March	17.83	17.11	18.45	20.57	19.16	19.82
April	16.63	16.20	17.52	19.02	17.83	18.35
May	17.23	16.81	17.87	19.08	18.55	18.79
June	15.88	15.99	17.12	18.31	17.35	17.80
July	15.89	16.37	17.27	18.25	17.49	17.84
August	16.19	16.68	17.78	18.47	17.96	18.19
September	16.41	16.76	17.85	18.48	17.85	18.14
October	17.66	17.26	18.51	19.68	18.73	19.17
November	16.83	16.12	17.35	19.23	17.88	18.52
December	15.04	14.21	15.70	17.92	15.95	16.91
1997	17.23	16.94	18.11	19.61	18.53	19.04
1998						
January	13.45	12.78	14.12	15.85	14.33	15.04
February	12.17	11.69	13.08	14.74	13.32	13.98
March	11.15	11.08	12.40	13.48	12.34	12.84
April	11.28	11.17	12.33	13.42	12.81	13.06
May	11.13	11.33	12.26	13.42	12.61	12.95
June	10.00	10.12	11.25	12.38	11.61	11.94
July	10.44	10.37	11.41	12.36	11.55	11.90
August	10.20	10.21	11.32	12.44	11.34	11.77
September	11.29	11.70	12.44	13.35	12.77	13.01
October	11.32	10.99	11.96	13.39	12.11	12.61
November	9.64	9.37	10.47	12.47	10.99	11.56
December	8.03	8.18	9.30	10.48	9.39	9.81
1998	10.87	10.76	11.84	13.18	12.04	12.52

^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.

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	73.8	95.7	53.4	53.0	66.0	64.0	55.4	57.2	55.6	50.1	35.2
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	74.8	101.2	61.3	63.7	71.8	65.1	59.0	63.5	59.8	60.4	47.9
February	74.9	100.6	56.9	64.2	73.4	66.6	60.0	64.1	60.8	58.5	44.9
March	79.8	105.0	59.0	63.0	69.0	71.0	64.4	66.8	64.7	61.8	44.7
April	88.1	111.4	66.0	57.0	80.5	75.9	71.9	69.9	71.6	65.1	45.1
May	92.7	114.4	63.3	49.5	68.4	73.7	69.8	64.9	69.3	63.2	43.3
June	90.3	113.5	57.7	48.5	58.5	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	48.6	69.5	71.0	66.4	66.1	66.4	52.5	42.0
September	84.4	114.3	71.8	51.4	76.4	77.5	72.9	72.1	72.8	58.5	44.9
October	84.4	115.0	73.6	57.7	87.1	82.3	76.9	75.1	76.7	62.1	48.5
November	86.8	115.1	71.7	71.1	88.7	79.2	75.7	75.0	75.6	63.7	49.7
December	86.0	115.3	74.0	87.5	90.7	77.7	74.4	75.1	74.5	65.9	49.9
1996	84.7	111.6	65.1	60.5	74.0	72.6	68.1	67.3	68.0	60.3	45.5
1997											
January	86.6	113.7	74.4	86.1	88.7	77.3	73.0	75.1	73.3	65.8	49.5
February	85.9	114.9	71.7	66.8	84.8	76.0	71.1	72.5	71.3	59.6	45.2
March	84.0	113.8	61.9	57.3	NA	68.8	65.8	66.4	65.8	54.6	40.3
April	83.9	114.7	60.2	49.7	69.8	66.3	64.8	63.8	64.7	55.9	39.7
May	84.5	115.7	58.9	46.5	68.5	64.2	63.8	62.9	63.7	53.4	40.3
June	83.3	114.6	57.6	46.1	64.5	62.8	60.8	59.2	60.6	52.8	40.1
July	81.5	NA	56.7	47.5	63.1	58.6	59.4	57.3	59.1	50.3	39.6
August	86.8	114.6	59.1	50.5	64.9	61.8	61.8	59.0	61.5	51.6	40.7
September	87.2	115.6	58.2	48.4	63.4	61.1	60.7	58.4	60.4	51.1	41.3
October	84.3	113.9	61.5	52.3	72.9	66.8	64.5	63.2	64.3	55.5	43.9
November	81.6	113.0	61.2	52.2	77.9	70.1	65.2	64.2	65.0	58.2	45.7
December	77.8	107.7	56.3	51.8	75.1	63.8	60.1	59.7	60.1	56.1	40.2
1997	83.9	112.8	61.3	55.2	74.5	68.9	64.2	63.6	64.2	56.5	42.3
1998											
January	73.2	104.3	52.3	48.4	71.8	58.5	54.9	54.1	54.8	50.9	35.4
February	69.0	100.8	50.0	44.7	68.2	57.7	53.3	53.8	53.3	48.7	32.7
March	65.5	98.4	45.3	43.8	65.3	55.9	50.8	53.8	51.1	46.0	28.6
April	67.7	99.3	46.6	41.5	56.7	56.2	52.0	53.0	52.1	43.8	31.8
May	71.4	101.1	46.7	36.2	56.0	NA	51.7	48.3	51.2	43.6	31.9
June	70.7	99.1	42.8	34.1	44.7	NA	48.4	45.7	48.0	40.8	31.3
July	69.4	98.5	43.4	35.8	47.4	NA	47.6	44.6	47.2	38.4	31.5
August	66.7	95.9	43.6	33.5	41.5	NA	46.3	43.1	45.8	36.2	28.7
September	65.5	94.1	44.9	37.4	46.2	NA	49.4	47.2	49.2	39.9	27.6
October	66.4	95.1	46.9	40.7	50.9	57.8	50.0	47.9	49.7	43.1	29.7
November	63.7	93.3	44.0	42.3	44.4	56.2	47.0	46.7	47.0	43.3	30.5
December	59.7	88.7	37.4	36.2	42.4	50.1	41.8	43.6	42.0	39.4	26.8
1998	67.3	97.5	45.2	40.5	50.1	55.1	49.4	48.2	49.2	42.8	30.5

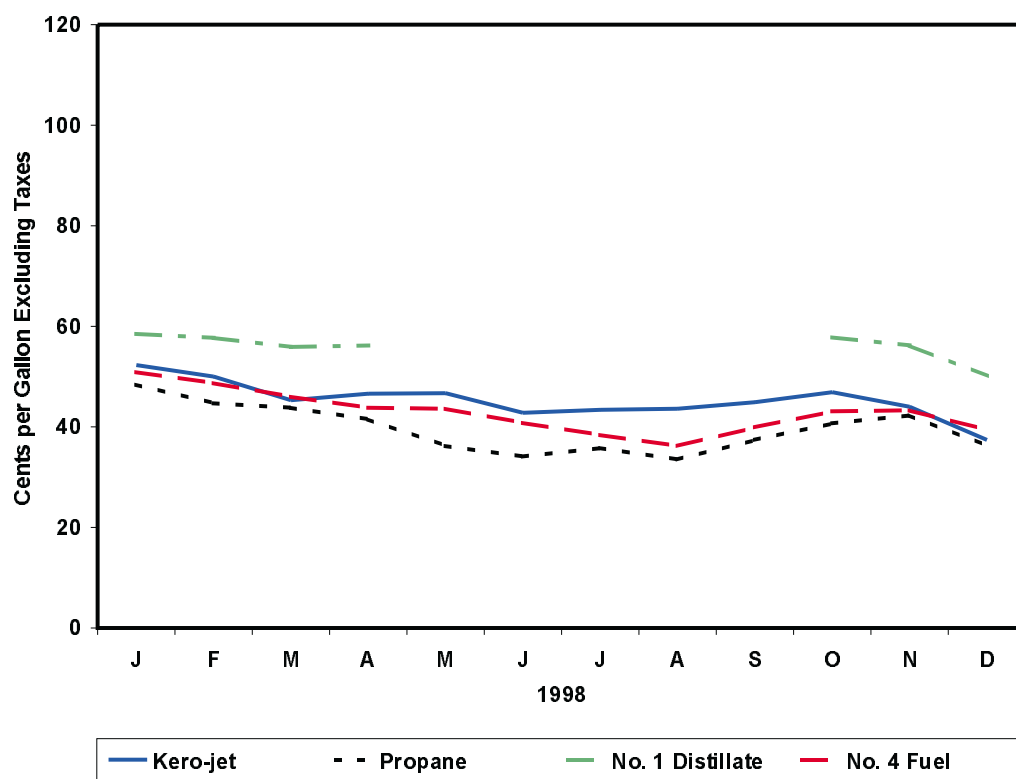
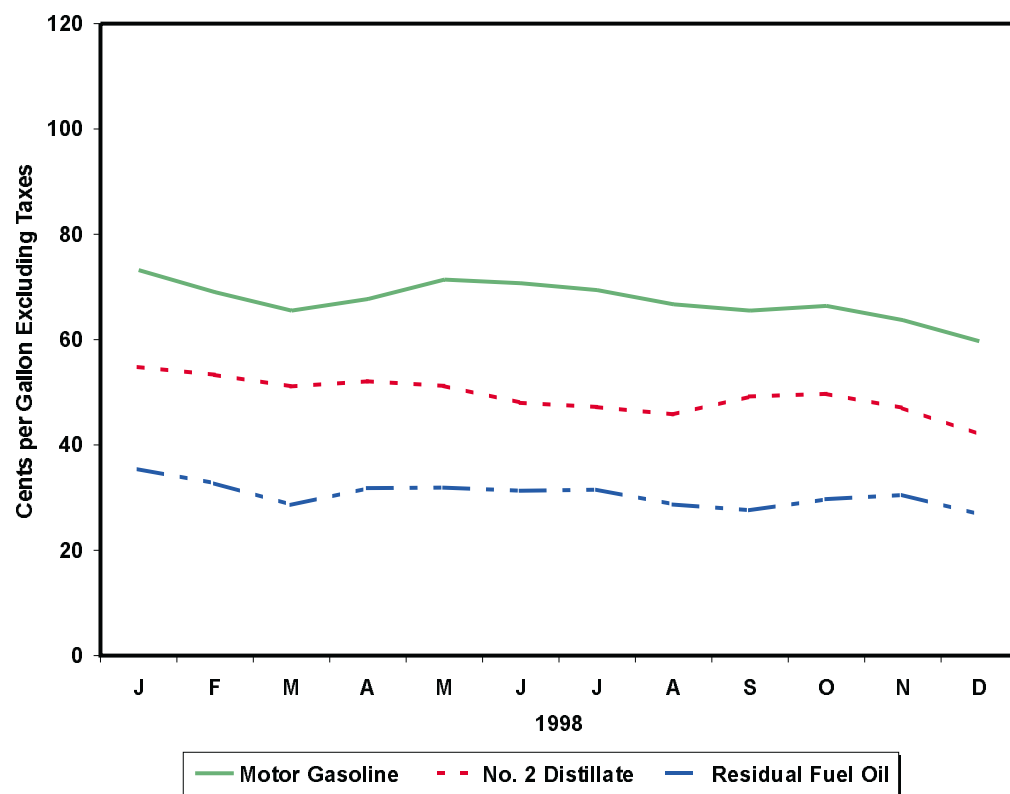
NA = Not available.

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

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

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	55.0	0.2	45.2	2.2	0.4	0.4	21.3	3.4	24.6	0.8	13.5
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	53.0	0.1	46.5	3.3	0.8	0.6	20.2	4.4	24.5	0.9	14.4
February	54.6	0.2	46.8	4.0	0.7	0.6	21.8	4.7	26.5	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	12.7
April	57.2	0.2	48.1	2.7	0.3	0.2	22.6	3.1	25.7	0.4	11.8
May	57.8	0.2	49.0	2.6	0.3	0.1	22.9	2.8	25.7	0.3	10.7
June	59.2	0.2	50.1	2.2	0.4	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	2.3	0.2	0.2	22.1	2.6	24.7	0.2	12.3
September	57.8	0.2	50.6	4.1	0.3	0.2	21.4	2.6	24.0	0.2	10.9
October	58.5	0.2	48.0	3.9	0.3	0.3	23.1	2.7	25.8	0.3	13.5
November	58.1	0.1	48.1	3.3	0.3	0.5	22.8	3.1	25.9	0.4	14.3
December	59.2	0.1	49.3	3.4	0.3	0.8	21.2	3.0	24.2	0.5	15.7
1996	57.5	0.2	48.7	3.1	0.4	0.3	21.9	3.1	25.0	0.4	12.9
1997											
January	54.4	0.1	46.0	3.2	0.5	0.8	22.0	3.8	25.9	0.6	13.8
February	57.3	0.1	47.8	3.7	0.4	0.6	22.3	2.8	25.1	0.4	14.1
March	58.4	0.2	48.2	3.3	NA	0.3	22.2	2.6	24.8	0.3	13.6
April	58.9	0.2	49.1	3.4	0.3	0.2	23.6	2.9	26.5	0.2	11.5
May	57.8	0.2	49.8	2.9	0.2	0.2	22.6	2.7	25.2	0.2	10.7
June	59.8	0.2	52.0	2.3	0.2	0.2	21.6	2.5	24.1	0.2	12.3
July	65.3	NA	51.7	2.1	0.1	0.2	21.6	3.0	24.6	0.3	13.5
August	64.8	0.2	52.0	2.3	0.2	0.2	20.9	3.0	23.9	0.2	12.1
September	63.7	0.2	51.3	3.1	0.3	0.2	23.1	2.9	26.0	0.2	12.6
October	64.4	0.2	49.8	3.5	0.2	0.3	23.1	3.1	26.2	0.3	15.1
November	62.3	0.1	48.9	3.8	0.3	0.4	20.5	3.1	23.7	0.4	14.4
December	66.0	0.1	49.7	4.4	0.3	0.6	20.9	3.5	24.4	0.4	17.5
1997	61.1	0.2	49.7	3.2	0.3	0.4	22.0	3.0	25.0	0.3	13.4
1998											
January	59.9	0.1	47.2	4.6	0.3	0.7	20.4	3.4	23.8	0.4	15.5
February	62.4	0.1	47.9	4.9	0.3	0.6	21.1	3.0	24.1	0.4	13.5
March	64.5	0.1	47.7	4.1	0.3	0.4	22.2	2.6	24.9	0.4	15.5
April	59.0	0.2	48.1	3.0	0.2	0.3	20.3	2.4	22.7	0.3	14.3
May	59.5	0.2	48.9	2.3	0.1	NA	19.3	3.4	22.7	0.3	13.0
June	60.8	0.2	50.7	2.2	0.3	NA	21.3	4.0	25.3	0.3	13.8
July	67.2	0.2	51.5	1.9	0.3	NA	22.2	3.4	25.7	0.4	16.5
August	66.8	0.2	51.5	2.4	0.6	NA	21.3	3.6	24.9	0.4	17.8
September	65.1	0.2	48.0	2.3	0.4	NA	22.4	3.1	25.5	0.3	13.0
October	65.1	0.2	50.6	2.7	0.3	0.4	22.2	3.2	25.4	0.2	14.1
November	63.8	0.1	44.3	2.7	0.7	0.5	20.2	3.1	23.3	0.3	11.8
December	65.4	0.1	50.4	4.4	0.7	0.7	20.5	3.2	23.7	0.4	14.1
1998	63.3	0.2	48.9	3.1	0.4	0.4	21.1	3.2	24.3	0.3	14.4

NA = Not available.

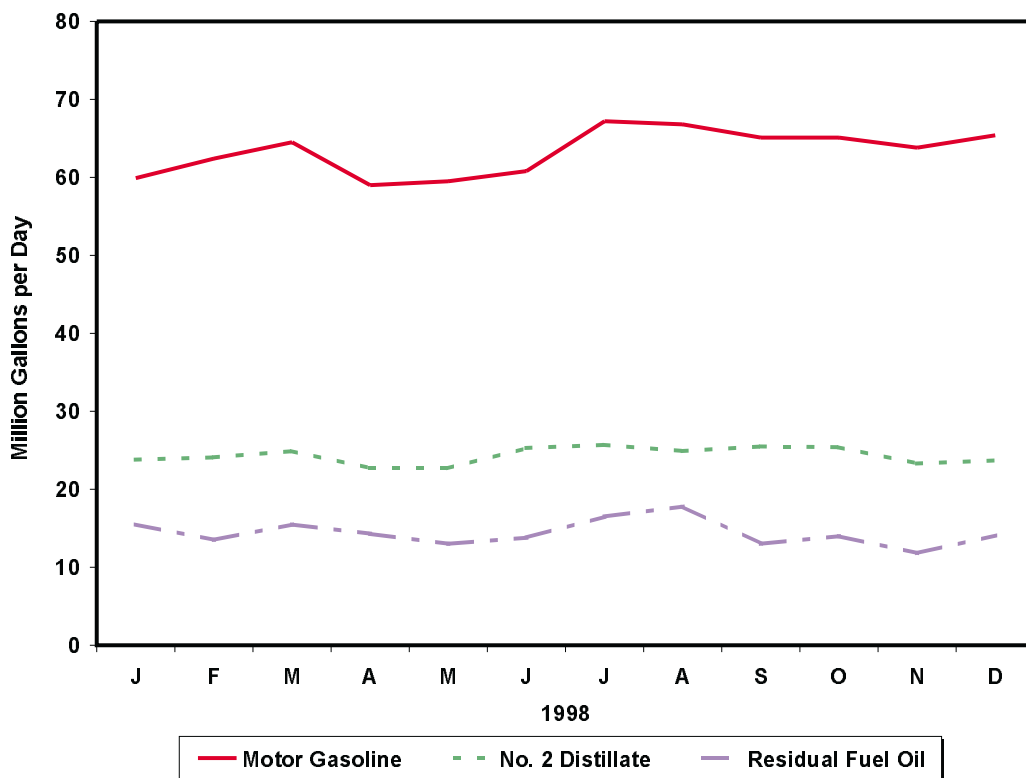
^a Includes No. 4 fuel oil and No. 4 diesel fuel.

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

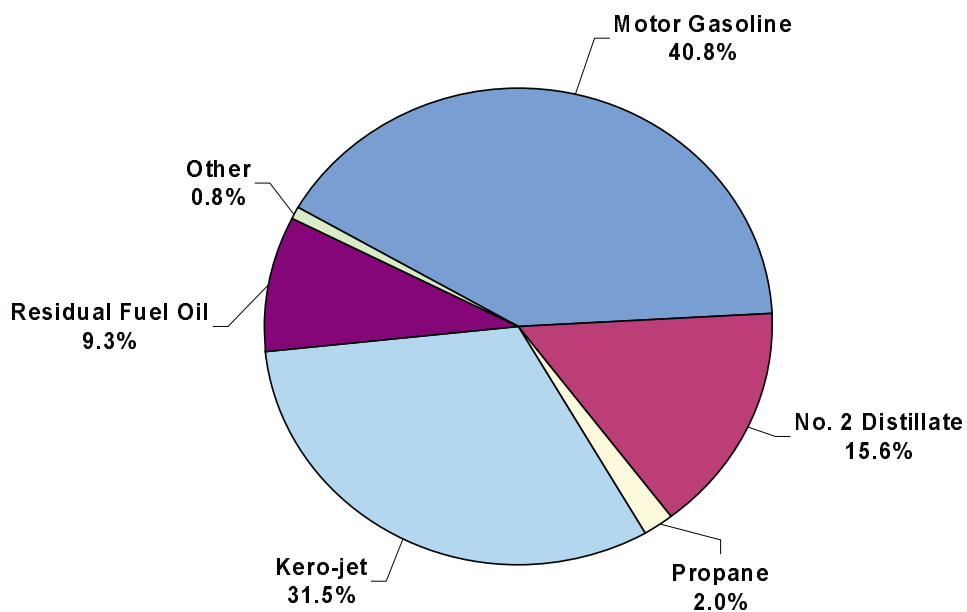
Note: Totals may not equal the sum of the components due to rounding.

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)

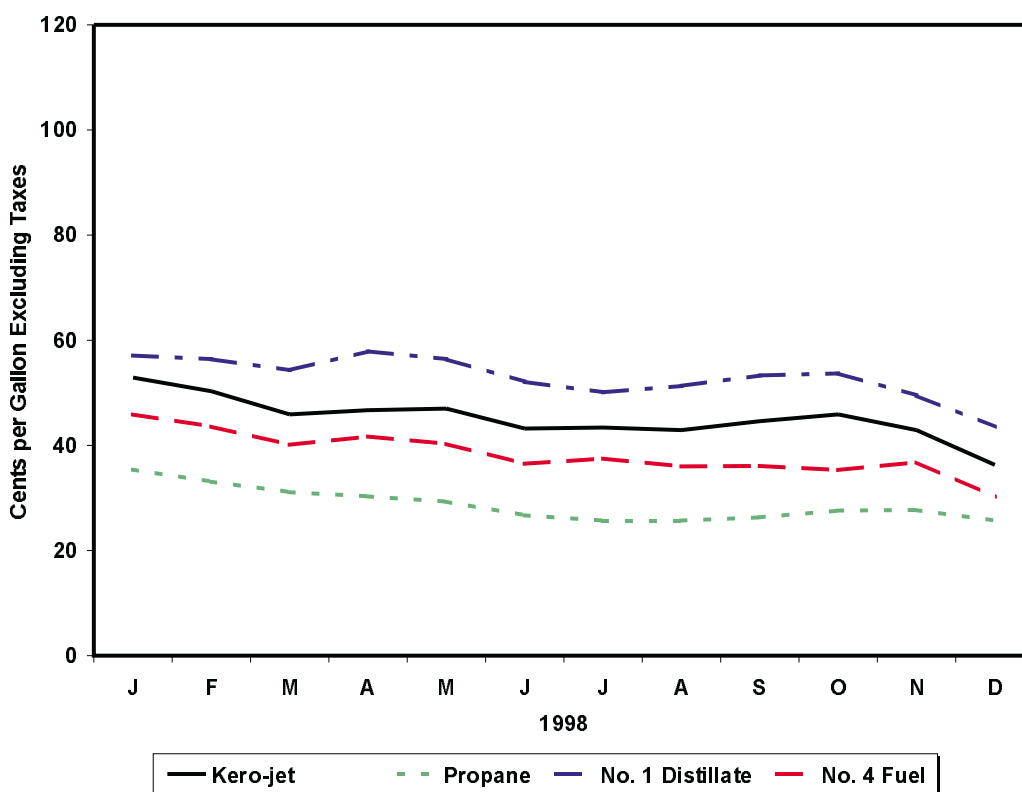
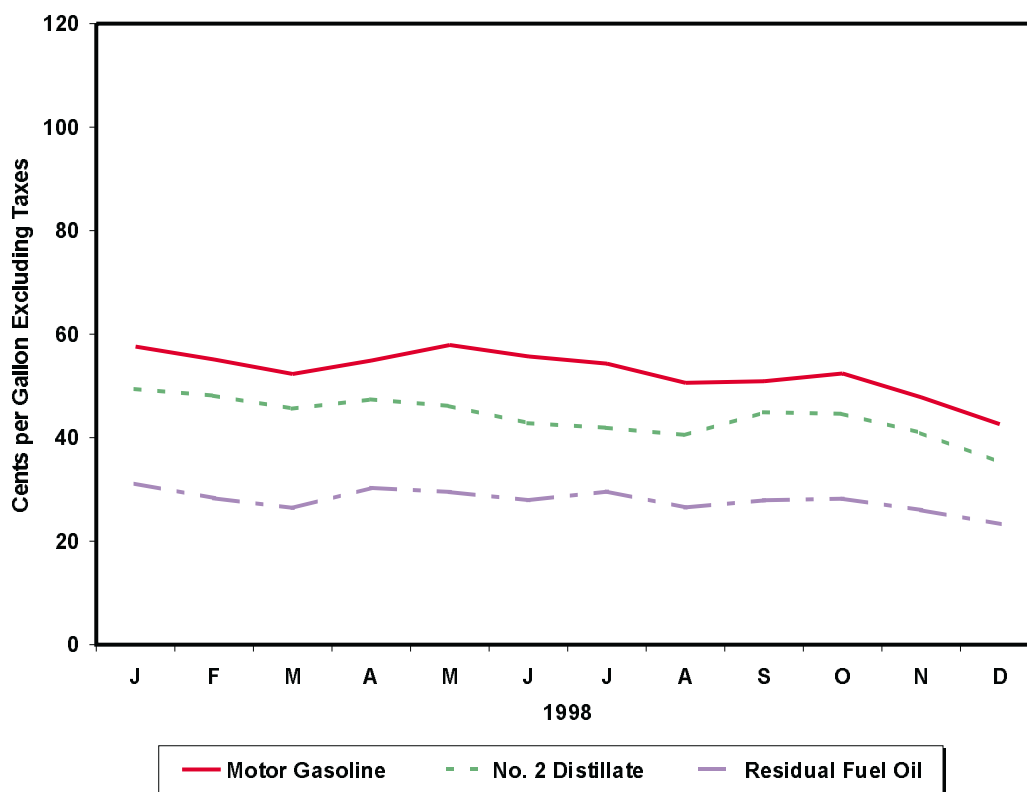
Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel ^a	Residual Fuel Oil
							No. 2 Diesel Fuel	No. 2 Fuel Oil	Average		
1978	43.4	53.7	38.6	23.7	40.4	40.6	36.5	36.9	36.7	30.5	26.3
1979	63.7	72.1	66.0	29.1	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	59.9	93.3	53.4	32.4	61.8	61.5	52.9	50.6	52.2	46.2	31.7
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	61.0	94.7	60.3	41.6	65.8	65.0	56.2	56.8	56.4	60.3	45.2
February	61.6	96.5	57.3	44.2	65.7	66.6	57.9	58.9	58.2	58.2	40.1
March	67.9	100.6	59.6	41.1	68.0	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	78.0	110.0	62.2	36.2	66.1	79.2	66.8	61.1	65.5	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	37.4
July	72.3	105.3	59.6	36.9	61.7	69.8	60.0	57.1	59.4	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	39.0
September	71.6	106.8	71.6	45.2	75.6	83.3	71.7	68.7	71.0	57.2	41.2
October	72.8	107.1	73.6	51.1	80.7	85.7	75.4	72.7	74.7	63.9	45.0
November	74.5	108.4	72.2	57.9	79.7	84.0	73.3	71.4	72.7	65.7	46.3
December	73.1	107.1	73.0	67.7	79.0	80.0	71.0	71.2	71.1	65.7	46.0
1996	71.3	105.5	64.6	46.1	71.4	75.1	65.9	63.9	65.3	60.3	42.0
1997											
January	75.0	109.0	73.8	60.2	77.7	78.9	69.8	69.8	69.8	63.7	42.9
February	73.0	108.7	71.5	44.7	73.9	77.2	67.8	64.5	66.6	58.8	39.3
March	71.4	107.9	61.8	41.3	63.5	73.1	62.4	57.7	61.0	53.7	35.8
April	70.4	108.5	60.6	37.7	62.1	70.6	61.7	58.6	61.0	49.7	36.1
May	71.3	108.2	59.4	36.9	60.4	69.8	60.7	58.8	60.2	52.9	35.8
June	68.4	105.9	58.1	36.4	57.4	66.7	56.6	54.5	56.1	47.0	36.7
July	67.5	104.7	56.9	35.9	56.8	63.8	55.8	53.8	55.4	46.0	36.5
August	75.0	109.0	59.1	37.5	60.6	67.6	58.9	55.3	58.1	52.6	38.3
September	72.3	109.0	58.9	39.5	60.2	67.4	57.8	54.3	57.0	54.1	38.7
October	68.5	104.7	61.1	41.1	63.8	72.1	61.7	59.0	61.2	56.8	42.0
November	65.9	102.0	61.3	39.6	62.6	71.0	61.5	58.4	60.7	57.3	43.5
December	61.7	99.1	55.6	37.5	57.8	64.1	55.0	53.4	54.6	49.0	35.6
1997	70.0	106.5	61.3	41.6	65.3	72.3	60.6	59.0	60.2	55.1	38.7
1998											
January	57.6	96.2	52.9	35.4	52.8	57.1	49.6	48.9	49.4	45.9	31.1
February	55.1	92.1	50.3	33.1	51.6	56.4	48.3	47.7	48.1	43.6	28.3
March	52.3	88.4	45.9	31.1	47.5	54.3	45.9	44.9	45.6	40.1	26.4
April	54.9	92.8	46.7	30.3	46.1	57.9	48.2	44.9	47.4	41.7	30.3
May	57.9	97.3	47.0	29.3	45.6	56.4	47.0	43.3	46.1	40.3	29.5
June	55.7	94.1	43.2	26.7	43.0	52.1	43.5	39.9	42.8	36.5	27.9
July	54.3	93.4	43.4	25.7	41.7	50.1	42.6	38.8	41.9	37.5	29.6
August	50.6	91.6	42.9	25.7	40.7	51.3	41.4	36.9	40.5	36.0	26.5
September	50.9	89.8	44.6	26.3	45.9	53.3	45.6	41.8	44.9	36.1	27.9
October	52.4	90.7	45.9	27.6	46.6	53.7	45.5	41.2	44.6	35.3	28.2
November	47.8	83.6	42.9	27.7	44.2	49.5	41.4	38.9	40.9	36.8	26.0
December	42.6	79.8	36.3	25.7	38.7	43.5	35.4	34.6	35.2	30.2	23.3
1998	52.6	91.2	45.0	28.8	46.5	51.3	44.4	42.2	43.9	38.3	28.0

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

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

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	276.7	0.7	9.1	28.4	2.5	1.9	72.4	32.9	105.3	0.4	12.8
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	264.5	0.4	12.7	44.2	6.2	4.3	72.7	46.4	119.1	0.5	16.7
February	283.4	0.5	13.2	40.8	5.9	3.5	78.3	45.4	123.7	0.5	15.0
March	280.3	0.5	11.8	32.1	3.1	1.3	82.4	37.0	119.4	0.5	16.7
April	299.7	0.6	12.4	27.3	1.4	0.4	89.1	31.2	120.3	0.3	13.5
May	301.4	0.7	11.2	22.2	0.9	0.2	85.6	24.9	110.5	0.2	12.7
June	306.8	0.7	10.0	23.1	0.6	0.3	83.8	25.9	109.6	0.1	14.1
July	310.4	0.8	11.1	25.0	0.7	0.3	86.6	22.8	109.4	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	15.6
September	286.4	0.7	10.0	30.4	2.0	0.9	85.2	26.8	112.0	0.2	11.8
October	293.7	0.6	11.2	35.3	2.9	1.9	92.2	33.1	125.2	0.2	11.2
November	292.6	0.5	10.3	41.0	3.4	3.6	80.7	38.3	119.1	0.3	11.3
December	297.0	0.4	12.8	43.2	4.1	4.1	79.8	42.3	122.1	0.5	12.3
1996	293.6	0.6	11.5	32.9	2.7	1.8	83.7	33.1	116.8	0.3	13.8
1997											
January	272.8	0.4	11.1	44.9	5.4	4.7	80.8	47.7	128.5	0.5	14.1
February	285.4	0.5	10.3	38.4	3.6	2.7	78.7	42.3	121.1	0.4	13.9
March	287.1	0.5	10.3	28.1	2.1	1.1	84.4	35.7	120.1	0.3	9.4
April	293.0	0.6	9.5	25.8	1.3	0.4	91.1	29.9	121.0	0.3	10.5
May	293.3	0.7	9.9	24.8	1.0	0.3	88.6	25.7	114.3	0.1	8.2
June	293.5	0.8	10.8	24.3	0.8	0.4	91.2	27.4	118.6	0.2	10.4
July	307.9	0.9	10.8	26.6	1.3	0.4	92.1	25.3	117.3	0.1	10.9
August	304.0	0.8	12.6	28.7	1.2	0.5	87.0	25.0	112.0	0.2	12.1
September	290.4	0.7	10.4	32.4	1.9	0.9	94.0	27.0	121.0	0.1	11.6
October	299.6	0.6	11.7	34.7	2.7	1.6	100.0	26.1	126.0	0.1	12.4
November	286.4	0.5	13.9	35.8	4.0	3.1	85.9	27.7	113.6	0.1	11.8
December	298.4	0.5	14.2	42.5	4.9	3.2	90.2	35.5	125.7	0.3	12.9
1997	292.7	0.6	11.3	32.2	2.5	1.6	88.7	31.2	119.9	0.2	11.5
1998											
January	279.9	0.4	11.5	38.8	4.4	3.1	84.9	34.6	119.5	0.2	13.9
February	286.2	0.5	11.4	38.4	3.9	1.7	84.2	35.5	119.7	0.2	10.0
March	291.3	0.6	12.5	33.7	2.9	1.1	89.6	32.2	121.8	0.2	12.7
April	304.6	0.6	11.8	27.9	1.6	0.3	87.0	27.5	114.5	0.1	17.6
May	305.4	0.7	10.3	23.7	1.0	0.2	85.6	28.0	113.6	0.1	14.8
June	316.3	0.7	12.0	27.9	1.3	0.2	97.7	23.6	121.2	0.1	18.2
July	318.8	0.9	12.1	26.6	1.1	0.3	99.6	22.1	121.6	NA	19.3
August	308.6	0.7	12.3	27.7	0.9	0.4	94.8	21.0	115.7	NA	16.5
September	299.5	0.7	10.7	31.8	1.4	0.9	96.5	20.9	117.4	0.1	17.4
October	298.7	0.7	13.2	37.7	2.2	1.4	97.2	25.8	123.0	0.1	17.2
November	290.2	0.4	14.6	34.2	2.6	2.7	93.0	24.7	117.7	0.2	12.9
December	304.5	0.5	13.4	44.0	3.2	4.0	92.4	32.0	124.4	0.2	13.7
1998	300.4	0.6	12.2	32.7	2.2	1.4	91.9	27.3	119.2	0.1	15.4

NA = Not available.

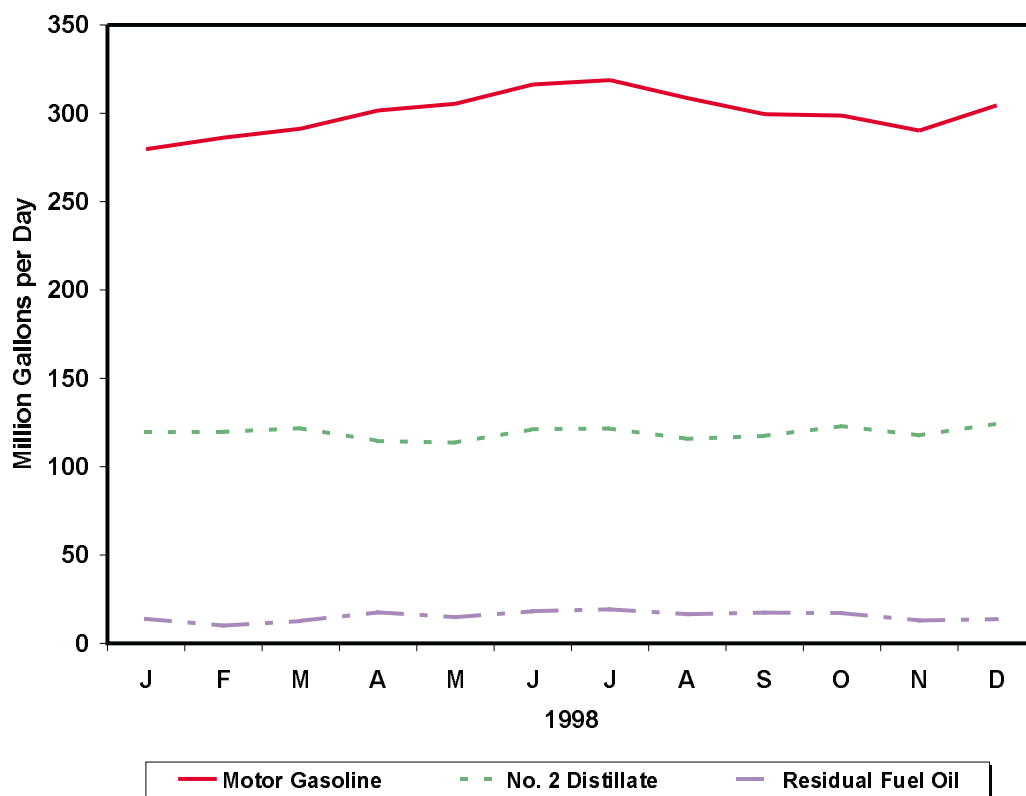
^a Includes No. 4 fuel oil and No. 4 diesel fuel.

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

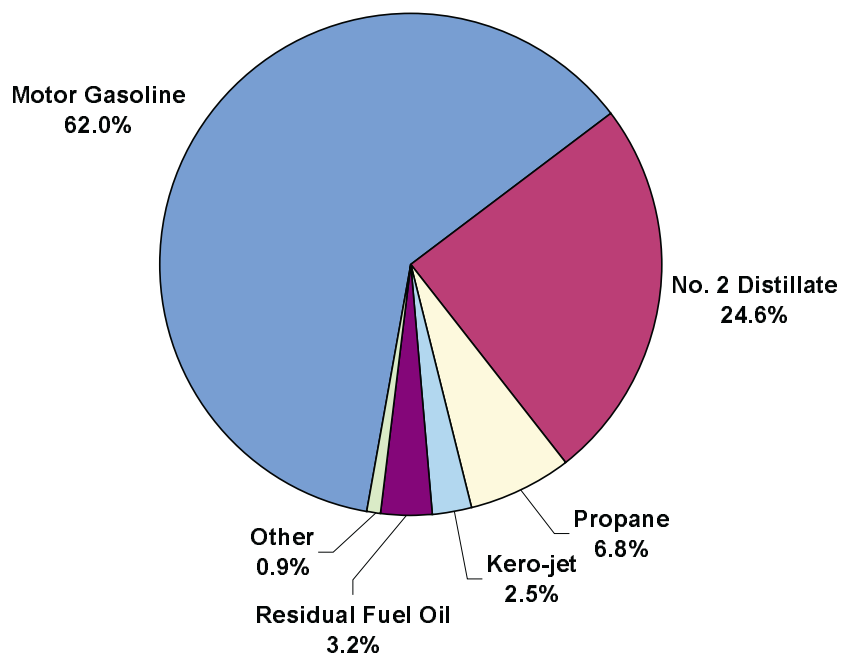
Note: Totals may not equal the sum of the components due to rounding.

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

Figure 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	69.5	68.9	64.6	54.7	50.2	56.6	79.1	78.5	70.4	58.4	NA	63.8
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	70.5	69.9	66.3	55.9	52.2	57.7	79.6	79.1	71.7	60.3	—	65.4
February	70.5	70.0	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	77.0	67.9	W	72.0
April	84.5	83.9	81.0	72.4	66.6	73.2	93.7	93.2	87.0	76.9	—	81.3
May	89.3	88.8	88.0	72.7	68.0	75.2	99.1	98.6	93.7	77.0	—	84.2
June	86.9	86.3	85.2	67.4	61.6	70.0	96.5	95.9	91.0	70.6	—	79.4
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	NA	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
October	80.9	80.4	75.7	69.7	63.4	70.1	90.1	89.7	81.5	73.7	W	77.1
November	83.4	82.9	75.7	72.1	65.7	71.9	92.2	91.7	81.3	75.6	W	78.1
December	82.5	82.0	75.4	70.1	65.7	70.4	91.6	91.2	81.3	74.4	NA	77.4
1996	81.2	80.7	77.0	67.2	62.2	68.5	90.1	89.6	82.4	70.9	NA	75.9
1997												
January	83.0	82.5	77.2	71.9	67.8	72.4	92.4	92.0	82.9	76.1	W	79.1
February	82.4	81.9	77.3	69.3	65.8	70.4	91.9	91.5	82.8	73.2	W	77.5
March	80.4	79.9	76.6	66.9	64.9	68.7	90.1	89.7	82.3	71.0	74.8	76.0
April	80.3	79.7	77.7	65.5	62.4	67.7	89.9	89.6	82.9	69.6	W	75.4
May	81.0	80.5	76.5	67.6	62.3	68.6	90.2	89.9	82.3	70.8	W	75.7
June	79.7	79.2	74.9	63.9	58.9	65.6	89.1	88.7	80.8	67.2	W	73.0
July	77.9	77.4	72.4	63.9	57.9	64.8	87.3	86.9	78.4	67.5	W	71.9
August	83.2	82.8	79.2	71.4	66.1	72.2	92.7	92.3	85.4	75.3	W	79.5
September	83.6	83.1	81.2	67.1	63.4	69.5	93.2	92.9	87.4	71.0	W	77.9
October	80.8	80.3	78.2	63.2	59.6	65.7	90.5	90.1	84.1	67.2	W	74.2
November	78.1	77.6	75.1	60.6	56.0	63.1	87.7	87.4	80.9	64.6	W	71.5
December	74.1	73.5	70.7	56.3	53.3	58.9	83.9	83.6	76.7	60.7	W	67.4
1997	80.3	79.8	76.4	65.6	61.5	67.3	89.8	89.5	82.2	69.4	71.1	74.9
1998												
January	69.6	69.0	66.8	52.2	50.5	54.8	78.5	78.2	72.4	56.6	W	63.1
February	65.2	64.8	60.9	50.8	48.2	52.5	74.8	74.5	66.5	54.9	W	59.7
March	61.7	61.3	56.3	48.4	46.0	49.7	71.2	70.9	62.3	52.3	W	56.4
April	63.9	63.5	58.5	51.6	48.3	52.3	73.2	72.9	64.3	55.6	W	59.2
May	67.7	67.3	63.6	54.3	49.6	55.3	76.8	76.5	69.2	58.1	W	62.6
June	67.0	66.6	62.7	51.6	46.8	52.9	76.4	76.1	68.5	55.4	W	60.7
July	65.5	65.1	61.1	50.2	45.5	51.5	75.3	75.0	67.1	53.9	W	59.1
August	62.7	62.2	58.8	45.6	41.9	47.6	72.8	72.5	64.7	49.5	W	55.6
September	61.5	61.0	57.6	46.5	42.3	48.1	71.4	71.1	63.5	50.3	W	55.6
October	62.4	61.9	58.0	48.1	43.5	49.5	72.1	71.8	64.2	52.5	NA	57.2
November	59.5	59.1	56.8	42.1	39.3	44.7	69.9	69.6	63.1	46.4	W	53.2
December	55.4	54.9	54.0	36.3	34.0	39.5	66.1	65.8	60.3	40.8	W	48.7
1998	63.4	63.0	59.6	48.1	44.9	49.9	73.1	72.8	65.5	52.1	NA	57.6

See footnotes at end of table.

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

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1983	108.0	105.7	—	—	—	96.4	96.4	95.4	—	—	—	88.2
1984	102.1	101.5	—	—	—	91.6	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	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	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	88.3	87.5	79.5	65.7	57.2	70.1	75.4	74.8	70.8	58.1	52.9	61.0
February	88.4	87.7	80.0	66.6	57.2	70.6	75.5	74.9	71.0	59.1	53.6	61.6
March	93.3	92.6	84.6	73.3	63.9	76.9	80.4	79.8	75.4	66.0	59.8	67.9
April	102.1	101.3	93.8	81.9	74.9	85.8	88.8	88.1	85.0	74.3	67.3	76.1
May	106.6	105.7	100.3	82.1	74.0	87.9	93.3	92.7	91.5	74.5	68.5	78.0
June	103.9	103.0	97.7	76.1	66.9	83.0	91.0	90.3	88.9	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
October	98.2	97.5	89.4	79.2	68.7	82.0	85.0	84.4	79.8	71.5	64.1	72.8
November	100.4	99.7	89.7	81.7	71.1	83.9	87.3	86.8	79.8	73.9	66.1	74.5
December	100.2	99.5	89.5	80.1	70.8	82.4	86.5	86.0	79.5	72.0	66.3	73.1
1996	97.9	97.2	89.7	76.2	66.9	80.3	85.3	84.7	80.9	69.0	62.7	71.3
1997												
January	101.0	100.2	W	81.7	72.0	84.5	87.2	86.6	81.2	73.8	68.2	75.0
February	100.2	99.6	W	78.6	69.6	82.6	86.5	85.9	81.2	71.0	66.1	73.0
March	98.3	97.6	89.9	76.3	68.5	80.6	84.6	84.0	80.5	68.7	65.3	71.4
April	97.9	97.5	W	75.0	66.5	79.7	84.4	83.9	81.3	67.4	62.8	70.4
May	97.9	97.3	W	76.8	67.9	80.5	85.0	84.5	80.3	69.3	62.8	71.3
June	96.8	96.1	W	73.1	64.9	77.5	83.8	83.3	78.8	65.6	59.7	68.4
July	95.5	94.8	W	73.5	63.6	77.0	82.0	81.5	76.4	65.7	58.4	67.5
August	100.8	100.3	W	81.2	73.9	84.5	87.2	86.8	83.2	73.3	66.9	75.0
September	101.5	101.2	W	76.6	69.0	82.0	87.6	87.2	85.1	68.9	64.0	72.3
October	98.4	97.7	W	72.6	64.1	77.8	84.9	84.3	81.9	65.0	60.2	68.5
November	95.6	94.9	W	69.6	59.0	74.8	82.2	81.6	78.8	62.3	56.4	65.9
December	92.0	91.4	W	65.5	56.8	70.9	78.3	77.8	74.6	58.2	53.8	61.7
1997	97.9	97.3	89.5	74.9	65.8	79.2	84.4	83.9	80.3	67.4	62.0	70.0
1998												
January	87.0	86.4	W	61.5	54.5	67.2	73.7	73.2	70.7	54.0	50.8	57.6
February	83.0	82.4	W	60.0	51.0	64.4	69.4	69.0	64.9	52.6	48.4	55.1
March	79.4	78.9	W	57.6	48.8	61.1	65.9	65.5	60.4	50.2	46.3	52.3
April	81.3	80.7	W	60.9	52.9	63.8	68.1	67.7	62.5	53.5	48.8	54.9
May	84.6	84.1	W	63.7	55.1	66.9	71.8	71.4	67.3	56.2	50.1	57.9
June	84.2	83.6	W	61.1	52.4	65.0	71.2	70.7	66.6	53.5	47.3	55.7
July	83.4	82.9	W	59.7	51.4	63.7	69.9	69.4	65.1	52.1	46.0	54.3
August	80.7	80.0	W	55.3	48.4	60.1	67.2	66.7	62.8	47.5	42.6	50.6
September	79.5	78.7	W	55.9	47.3	59.9	66.0	65.5	61.6	48.4	42.9	50.9
October	80.5	79.9	71.3	57.9	48.7	61.6	66.9	66.4	62.2	50.1	44.2	52.4
November	77.8	77.2	W	51.5	43.6	56.9	64.2	63.7	61.1	44.1	39.9	47.8
December	74.0	73.3	W	45.6	36.7	51.7	60.3	59.7	58.3	38.4	34.3	42.6
1998	81.1	80.5	72.6	57.3	48.9	61.7	67.8	67.3	63.6	50.0	45.4	52.6

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.

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

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

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

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
1983	20.0	23.5	—	—	—	98.3	—	—	—	—	—	—
1984	24.3	27.8	—	—	—	106.8	—	—	—	—	—	—
1985	26.2	29.9	—	—	—	119.7	—	—	—	—	—	—
1986	30.9	34.7	—	—	—	127.0	—	—	—	—	—	—
1987	32.7	36.1	—	—	—	141.9	—	—	—	—	—	—
1988	34.2	37.3	—	—	—	153.6	—	—	—	—	—	—
1989	34.3	36.8	—	—	—	155.7	4.9	5.1	—	—	—	16.4
1990	36.7	38.8	—	—	—	174.5	7.4	7.6	—	—	—	23.1
1991	38.4	40.4	—	—	—	180.9	7.9	8.2	—	—	—	23.7
1992	36.5	38.4	—	—	—	182.2	8.9	9.2	—	—	—	27.5
1993	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
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	32.2	33.7	41.0	115.8	25.9	182.7	9.5	9.8	12.9	16.0	—	28.9
February	33.1	34.7	42.8	121.9	32.1	196.8	9.7	10.0	13.6	16.9	—	30.5
March	35.0	36.7	45.1	122.5	28.8	196.4	10.0	10.3	13.7	17.0	W	30.7
April	36.6	38.7	46.9	132.1	39.8	218.8	9.6	9.9	13.4	17.0	—	30.4
May	38.5	40.3	48.7	137.8	38.8	225.2	9.2	9.5	12.6	16.5	—	29.2
June	39.3	41.0	48.1	137.3	43.1	228.6	9.6	9.8	12.6	16.6	—	29.3
July	38.6	40.4	47.3	141.2	40.8	229.4	9.5	9.8	12.6	17.4	—	29.9
August	38.8	40.7	48.0	141.8	35.2	225.0	9.6	10.0	12.7	17.3	NA	30.1
September	37.9	39.6	46.6	131.4	31.5	209.5	9.4	9.6	12.4	15.9	W	28.4
October	38.3	40.2	48.0	134.8	32.0	214.8	9.4	9.7	12.7	16.4	W	29.1
November	38.3	40.2	48.2	133.6	33.9	215.7	9.4	9.7	12.8	16.3	W	29.2
December	39.1	41.1	47.1	132.0	40.2	219.4	9.6	9.8	12.6	16.0	NA	28.7
1996	37.2	38.9	46.5	131.9	35.2	213.6	9.5	9.8	12.9	16.6	NA	29.5
1997												
January	35.6	37.6	45.0	122.6	33.7	201.3	8.8	9.1	12.1	15.0	W	27.1
February	37.8	39.9	46.7	127.7	38.1	212.6	9.1	9.4	12.4	15.5	W	27.9
March	38.4	40.5	47.0	129.9	35.1	212.0	9.3	9.6	12.3	15.5	NA	27.9
April	38.5	40.7	47.7	134.5	33.9	216.1	9.3	9.6	12.2	16.1	W	28.3
May	38.1	39.8	45.9	135.5	34.2	215.7	9.2	9.5	12.2	16.3	W	28.5
June	39.3	41.0	46.1	138.7	29.1	214.0	9.5	9.8	12.3	16.7	W	29.0
July	43.2	44.9	45.7	148.0	31.9	225.6	10.4	10.7	12.3	18.0	W	30.3
August	43.4	45.1	46.3	144.9	33.2	224.5	10.3	10.5	12.2	17.2	W	29.5
September	42.8	44.5	45.2	137.6	33.1	215.9	10.0	10.2	11.6	16.2	W	27.9
October	43.2	45.0	45.8	140.6	35.4	221.8	10.1	10.3	11.8	16.8	W	28.6
November	41.8	43.3	46.3	132.0	32.3	210.6	9.8	10.0	11.7	15.7	W	27.4
December	44.1	45.7	46.8	135.6	37.2	219.6	10.6	10.7	11.8	16.5	W	28.3
1997	40.5	42.4	46.2	135.7	33.9	215.8	9.7	10.0	12.1	16.3	NA	28.4
1998												
January	39.4	40.8	42.1	127.0	38.6	207.6	9.9	10.1	10.8	15.2	W	26.0
February	41.7	43.1	43.6	131.6	37.2	212.4	9.7	9.9	11.0	15.5	W	26.6
March	43.0	44.5	44.7	134.7	34.5	213.9	10.0	10.2	11.1	16.0	W	27.1
April	39.1	40.5	44.7	137.3	44.0	226.0	9.2	9.3	11.0	16.0	W	27.1
May	39.4	40.8	45.0	139.1	41.7	225.8	9.4	9.5	11.2	16.1	W	27.3
June	40.2	41.6	45.7	145.8	42.8	234.2	9.6	9.8	11.3	16.8	W	28.1
July	44.4	45.9	45.7	148.2	40.9	234.8	10.7	10.8	11.4	17.4	W	28.7
August	44.0	45.5	45.1	144.0	36.0	225.1	10.6	10.8	11.3	16.9	W	28.1
September	42.7	44.2	44.2	140.3	33.0	217.6	10.4	10.6	11.0	16.4	W	27.4
October	42.6	44.1	45.1	141.0	30.5	216.7	10.6	10.8	11.3	16.6	NA	27.9
November	41.6	43.0	43.0	135.6	30.6	209.2	10.5	10.7	10.9	16.0	W	27.0
December	42.4	43.8	43.9	141.1	35.1	220.1	10.7	10.9	11.1	16.3	W	27.4
1998	41.7	43.2	44.4	138.9	37.1	220.3	10.1	10.3	11.1	16.3	NA	27.4

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	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
1995	9.8	10.2	20.8	31.5	4.2	56.4	53.7	55.9	77.9	174.8	36.0	288.8
1996												
January	9.2	9.5	19.4	29.3	4.2	52.9	50.9	53.0	73.3	161.0	30.1	264.5
February	9.5	9.8	20.4	30.6	5.1	56.1	52.3	54.6	76.8	169.4	37.2	283.4
March	9.1	9.4	19.9	29.6	3.6	53.2	54.1	56.4	78.7	169.1	32.5	280.3
April	8.3	8.6	18.5	28.4	3.6	50.5	54.5	57.2	78.7	177.5	43.4	299.7
May	7.6	8.0	16.6	26.6	3.7	47.0	55.4	57.8	77.9	181.0	42.5	301.4
June	8.1	8.4	17.3	27.6	4.1	49.0	56.9	59.2	78.1	181.5	47.2	306.8
July	8.3	8.7	17.4	29.9	3.8	51.1	56.4	58.9	77.4	188.4	44.6	310.4
August	8.6	9.0	18.0	30.0	3.8	51.8	57.1	59.7	78.8	189.0	39.1	306.9
September	8.2	8.6	17.6	27.1	3.7	48.5	55.5	57.8	76.6	174.5	35.3	286.4
October	8.2	8.5	17.8	27.7	4.2	49.8	55.9	58.5	78.5	178.9	36.2	293.7
November	7.9	8.2	17.7	26.6	3.3	47.6	55.6	58.1	78.8	176.5	37.2	292.6
December	8.0	8.3	17.2	26.2	5.5	48.9	56.7	59.2	76.9	174.2	45.8	297.0
1996	8.4	8.8	18.2	28.3	4.1	50.5	55.1	57.5	77.5	176.8	39.3	293.6
1997												
January	7.4	7.8	W	24.6	3.5	44.5	51.8	54.4	73.5	162.2	37.2	272.8
February	7.7	8.0	W	25.3	2.8	45.0	54.6	57.3	76.0	168.5	40.9	285.4
March	8.0	8.3	17.2	26.0	3.9	47.2	55.7	58.4	76.6	171.4	39.1	287.1
April	8.1	8.5	W	27.5	3.9	48.7	55.8	58.9	77.1	178.1	37.8	293.0
May	8.1	8.6	W	28.2	3.7	49.0	55.4	57.8	75.4	180.0	37.9	293.3
June	8.6	9.0	W	28.8	4.4	50.6	57.4	59.8	75.9	184.1	33.5	293.5
July	9.3	9.8	W	31.1	3.4	51.9	62.8	65.3	75.4	197.1	35.4	307.9
August	8.7	9.1	W	29.4	4.0	50.1	62.5	64.8	75.3	191.5	37.3	304.0
September	8.4	8.9	W	27.1	3.8	46.6	61.2	63.7	72.5	180.9	37.0	290.4
October	8.7	9.0	W	28.2	4.8	49.2	62.0	64.4	73.9	185.6	40.2	299.6
November	8.6	8.9	W	26.8	4.9	48.4	60.3	62.3	74.7	174.5	37.2	286.4
December	9.4	9.6	W	28.5	4.9	50.5	64.0	66.0	75.7	180.5	42.1	298.4
1997	8.4	8.8	16.9	27.6	4.0	48.5	58.7	61.1	75.1	179.6	38.0	292.7
1998												
January	8.8	9.0	W	26.9	3.5	46.3	58.1	59.9	68.7	169.0	42.1	279.9
February	9.2	9.4	W	27.6	2.8	47.2	60.6	62.4	71.4	174.7	40.1	286.2
March	9.7	9.9	W	29.1	3.8	50.2	62.6	64.5	73.2	179.7	38.3	291.3
April	8.9	9.2	W	29.6	4.8	51.5	57.2	59.0	72.9	182.8	48.9	304.6
May	8.9	9.2	W	30.4	4.8	52.3	57.7	59.5	73.3	185.6	46.5	305.4
June	9.2	9.4	W	31.8	4.6	54.0	59.0	60.8	74.6	194.3	47.4	316.3
July	10.1	10.4	W	33.6	3.7	55.2	65.2	67.2	75.0	199.1	44.6	318.8
August	10.2	10.5	W	32.9	4.5	55.3	64.8	66.8	74.3	193.8	40.5	308.6
September	10.0	10.3	W	32.1	4.8	54.6	63.1	65.1	72.8	188.8	37.9	299.5
October	10.0	10.2	18.0	31.7	4.4	54.1	63.1	65.1	74.4	189.3	35.0	298.7
November	9.9	10.2	W	31.4	4.9	54.0	62.0	63.8	71.6	183.1	35.5	290.2
December	10.4	10.7	W	34.0	4.9	56.9	63.6	65.4	73.0	191.4	40.1	304.5
1998	9.6	9.9	17.4	30.9	4.3	52.7	61.4	63.3	73.0	186.1	41.4	300.4

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Notes: 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.

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

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

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

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

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1994	68.7	68.1	63.6	54.5	50.0	55.8	78.4	77.8	69.4	NA	NA	62.7
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	68.4	67.8	61.8	54.9	51.4	55.0	77.5	76.9	68.0	59.1	—	61.2
February	68.5	67.9	63.4	56.2	52.1	56.4	77.9	77.3	69.7	60.2	—	62.9
March	74.7	74.1	69.1	63.5	57.8	63.5	83.7	83.2	75.4	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	—	77.9
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	67.1	60.9	67.1	88.7	88.2	81.0	70.7	—	73.3
October	79.9	79.4	75.7	69.3	62.6	68.9	89.1	88.5	82.3	73.2	—	75.4
November	83.8	83.2	78.2	71.9	65.8	71.6	92.1	91.6	84.2	75.2	—	77.3
December	82.8	82.2	76.3	69.5	64.6	69.2	91.5	90.9	83.0	73.7	W	75.8
1996	79.7	79.1	74.3	66.5	60.7	66.4	88.4	87.8	80.1	70.0	NA	72.6
1997												
January	82.4	81.7	76.7	71.2	66.2	70.8	91.4	90.9	83.1	75.4	—	77.2
February	80.7	80.1	74.9	68.5	64.3	68.3	90.1	89.5	81.3	72.3	—	74.5
March	78.5	77.9	72.4	66.1	62.7	66.2	88.4	87.9	78.7	70.1	W	72.2
April	78.7	77.9	73.1	65.0	60.7	65.2	88.3	87.8	78.8	69.0	—	71.4
May	79.6	79.1	73.4	67.3	61.9	67.1	88.7	88.3	79.1	70.3	—	72.5
June	78.5	78.0	72.1	63.7	59.1	64.0	87.7	87.2	78.5	66.8	—	69.6
July	76.6	76.1	69.7	63.6	57.5	63.3	85.8	85.4	76.2	67.1	—	69.1
August	82.0	81.5	75.8	70.8	63.9	70.3	91.1	90.7	81.9	74.4	—	76.1
September	80.5	79.9	74.4	66.1	60.8	66.1	89.8	89.4	81.1	69.6	—	72.2
October	76.9	76.3	70.2	62.1	57.0	62.0	86.5	86.1	76.7	65.7	—	68.1
November	73.9	73.4	66.9	59.3	54.8	59.3	83.2	82.8	73.6	63.1	—	65.4
December	69.5	68.9	62.3	55.0	51.7	55.1	78.8	78.5	69.3	59.1	—	61.3
1997	78.1	77.5	71.9	64.9	60.0	64.8	87.4	86.9	78.3	68.5	W	70.8
1998												
January	65.7	65.1	59.5	50.9	49.1	51.2	74.2	73.8	66.0	55.2	—	57.5
February	63.1	62.6	56.5	49.9	47.2	49.9	72.2	71.7	62.5	53.8	—	55.7
March	60.7	60.3	53.8	47.7	45.1	47.8	69.9	69.5	60.1	51.4	—	53.3
April	62.5	62.1	55.5	50.9	47.0	50.4	71.7	71.3	61.7	54.7	—	56.2
May	65.5	65.1	59.0	53.6	48.5	53.0	74.4	74.0	64.7	57.1	—	58.8
June	64.9	64.4	58.4	51.0	46.2	50.7	74.1	73.7	64.4	54.5	W	56.6
July	63.6	63.1	57.3	49.7	44.8	49.4	73.0	72.7	63.3	53.0	—	55.1
August	60.3	59.7	54.5	44.9	40.7	45.0	70.0	69.6	60.7	48.4	—	51.1
September	59.0	58.5	53.2	45.7	40.8	45.6	68.6	68.2	59.3	49.3	—	51.4
October	60.4	59.9	54.3	47.3	42.4	47.3	69.8	69.4	60.5	51.7	—	53.6
November	56.8	56.3	51.4	40.8	37.6	41.3	66.7	66.3	58.0	45.1	—	47.8
December	51.5	51.0	46.3	35.0	32.7	35.6	61.8	61.4	53.3	39.3	—	42.2
1998	61.1	60.6	55.1	47.3	43.9	47.3	70.4	70.0	61.3	51.1	W	53.3

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	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	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	85.5	84.6	75.3	64.6	55.6	65.6	72.9	72.2	66.2	57.0	52.0	57.5
February	85.9	84.9	77.3	65.8	55.4	67.1	73.1	72.4	67.8	58.2	52.5	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	65.7	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	68.7
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	96.9	95.9	88.2	76.4	65.8	78.0	83.6	83.1	78.4	68.9	61.3	69.2
October	96.7	95.8	89.3	78.7	67.4	79.5	83.7	83.1	79.4	71.0	63.1	71.0
November	100.2	99.2	91.4	81.3	71.3	82.4	87.2	86.6	81.8	73.6	66.2	73.6
December	99.9	98.9	90.4	79.3	69.1	79.8	86.5	85.7	80.2	71.3	65.1	71.3
1996	96.0	95.1	86.9	75.5	64.5	76.7	83.4	82.7	77.8	68.2	61.0	68.5
1997												
January	99.8	98.6	90.7	81.0	70.1	81.7	86.1	85.4	80.6	73.0	66.5	72.9
February	98.3	97.4	88.7	78.0	67.8	79.2	84.5	83.8	78.7	70.3	64.5	70.3
March	96.3	95.5	86.3	W	66.6	76.8	82.5	81.8	76.1	67.9	63.0	68.2
April	96.4	95.5	86.4	74.5	64.9	75.8	82.6	81.8	76.6	66.8	61.0	67.3
May	96.6	95.6	86.4	76.4	66.3	77.5	83.4	82.8	76.9	69.0	62.2	69.1
June	95.4	94.6	85.5	72.8	64.9	74.4	82.3	81.7	75.8	65.4	59.7	66.1
July	93.9	93.1	83.5	73.1	63.0	74.3	80.5	79.9	73.5	65.4	57.9	65.5
August	99.2	98.3	89.3	80.4	71.4	81.1	85.7	85.1	79.3	72.5	64.6	72.4
September	98.2	97.5	88.4	75.5	66.0	76.8	84.3	83.7	78.1	67.8	61.2	68.1
October	94.5	93.6	84.0	71.5	61.6	72.6	80.8	80.2	73.9	63.8	57.4	64.1
November	91.2	90.4	81.0	68.4	56.3	69.3	77.8	77.2	70.8	61.0	55.0	61.3
December	87.2	86.4	76.6	64.3	54.7	65.3	73.5	72.9	66.3	56.8	52.0	57.1
1997	95.4	94.6	85.6	74.2	64.1	75.3	81.9	81.3	75.6	66.6	60.4	66.8
1998												
January	82.9	82.1	73.9	60.3	52.7	61.7	69.6	69.0	63.7	52.7	49.4	53.3
February	80.4	79.6	69.9	59.2	49.5	60.3	67.0	66.5	60.4	51.7	47.3	51.9
March	78.0	77.2	67.2	56.9	47.0	57.9	64.7	64.2	57.7	49.5	45.2	49.7
April	79.7	79.0	68.8	60.4	50.1	60.7	66.5	66.0	59.3	52.7	47.2	52.4
May	82.1	81.4	71.7	63.1	53.6	63.5	69.3	68.9	62.6	55.4	49.0	55.1
June	81.8	81.1	W	60.6	51.6	61.3	68.8	68.3	62.1	52.9	46.7	52.8
July	80.8	80.1	70.3	59.2	51.0	60.2	67.6	67.1	61.1	51.5	45.2	51.6
August	77.9	76.9	67.7	54.7	47.9	56.0	64.5	63.9	58.4	46.8	41.4	47.3
September	76.5	75.6	66.4	55.3	45.9	56.1	63.2	62.6	57.1	47.6	41.3	47.8
October	78.0	77.3	67.6	57.3	46.8	58.1	64.6	64.1	58.1	49.3	42.8	49.5
November	74.6	73.8	65.2	50.4	41.6	51.6	61.2	60.6	55.5	42.8	38.1	43.5
December	69.7	68.9	60.7	44.5	34.3	45.7	56.1	55.5	50.7	37.0	32.9	37.8
1998	78.3	77.6	68.4	W	47.4	57.6	65.2	64.7	58.9	49.1	44.2	49.4

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Notes: 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.

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	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	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	19.2	20.3	13.1	92.5	21.3	126.9	5.1	5.2	3.7	12.0	—	15.7
February	21.2	22.5	18.3	100.4	26.2	144.9	5.7	5.9	5.3	13.3	—	18.5
March	24.5	25.9	21.5	103.3	23.2	148.1	6.4	6.6	5.8	13.8	W	19.6
April	25.7	27.3	20.4	110.7	31.9	163.0	6.2	6.4	5.1	13.5	—	18.6
May	26.3	27.6	19.0	114.2	27.7	160.8	5.8	6.0	4.3	12.9	—	17.2
June	26.5	27.7	18.7	112.9	34.2	165.9	6.0	6.2	4.3	12.9	—	17.2
July	26.1	27.4	18.8	117.7	31.7	168.1	6.0	6.2	4.4	13.6	—	17.9
August	26.4	27.7	18.9	117.5	25.1	161.4	6.1	6.3	4.4	13.4	W	17.9
September	25.2	26.5	17.7	108.3	22.9	148.9	5.8	6.0	4.2	12.4	—	16.6
October	23.8	25.1	16.4	110.4	25.0	151.9	5.5	5.7	3.9	12.7	—	16.6
November	22.2	23.5	16.0	107.6	25.5	149.1	5.1	5.3	3.9	12.5	—	16.4
December	22.1	23.4	15.2	105.5	30.6	151.3	5.0	5.2	3.7	12.1	W	15.9
1996	24.1	25.4	17.8	108.5	27.1	153.4	5.7	5.9	4.4	12.9	NA	17.3
1997												
January	20.6	22.0	14.8	98.3	26.4	139.6	4.7	4.9	3.7	11.5	—	15.1
February	22.1	23.7	15.4	102.9	31.2	149.5	5.0	5.2	3.8	11.9	—	15.7
March	24.0	25.5	16.8	106.4	27.7	150.9	5.5	5.7	4.0	12.2	W	16.2
April	25.1	26.9	18.2	111.8	26.9	156.9	5.8	5.9	4.2	12.9	—	17.0
May	24.7	26.0	17.7	112.7	26.3	156.7	5.7	5.8	4.2	13.0	—	17.1
June	25.6	26.9	17.7	115.4	22.1	155.2	5.9	6.1	4.2	13.3	—	17.4
July	27.8	29.1	17.2	123.4	25.2	165.8	6.4	6.6	4.1	14.4	—	18.5
August	27.3	28.7	17.3	119.9	24.7	161.9	6.2	6.4	4.0	13.5	—	17.6
September	26.4	27.8	16.2	113.1	25.8	155.1	6.0	6.2	3.7	12.7	—	16.5
October	26.1	27.5	15.8	113.9	26.7	156.4	6.0	6.1	3.7	13.0	—	16.7
November	24.3	25.5	14.7	104.9	25.4	145.1	5.5	5.7	3.5	11.9	—	15.4
December	25.1	26.4	14.8	107.4	28.4	150.7	5.8	6.0	3.5	12.6	—	16.1
1997	25.0	26.4	16.4	110.9	26.4	153.7	5.7	5.9	3.9	12.7	W	16.6
1998												
January	22.8	24.0	12.1	100.6	30.2	142.9	5.5	5.7	3.1	11.5	—	14.6
February	24.4	25.5	12.7	104.6	29.7	147.1	5.5	5.7	3.3	11.7	—	15.0
March	26.0	27.2	13.5	108.9	27.7	150.1	6.0	6.1	3.3	12.4	—	15.7
April	24.2	25.4	14.2	112.5	36.1	162.8	5.5	5.7	3.4	12.5	—	15.9
May	24.8	25.9	14.5	113.8	32.7	160.9	5.7	5.8	3.5	12.6	—	16.1
June	25.2	26.4	14.7	119.3	35.2	169.2	5.8	6.0	3.6	13.0	W	16.6
July	27.4	28.5	14.6	121.4	30.6	166.6	6.4	6.6	3.5	13.4	—	16.9
August	27.1	28.4	14.3	116.9	28.2	159.5	6.4	6.5	3.5	12.9	—	16.5
September	25.7	26.9	13.5	113.6	23.7	150.8	6.1	6.3	3.3	12.5	—	15.8
October	26.6	27.9	14.5	113.0	22.8	150.3	6.5	6.6	3.5	12.7	—	16.1
November	25.2	26.4	12.7	107.4	22.8	142.9	6.1	6.3	3.2	12.1	—	15.2
December	25.5	26.5	12.8	111.2	26.0	150.0	6.2	6.4	3.2	12.3	—	15.5
1998	25.4	26.6	13.7	112.0	28.8	154.5	6.0	6.1	3.4	12.5	W	15.8

See footnotes at end of table.

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

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
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	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	5.0	5.2	5.6	22.8	3.0	31.4	29.2	30.8	22.4	127.3	24.3	174.0
February	5.5	5.7	7.5	24.4	3.8	35.7	32.3	34.1	31.1	138.1	30.0	199.1
March	5.6	5.9	7.8	24.0	2.4	34.1	36.5	38.4	35.1	141.1	25.6	201.8
April	5.1	5.3	6.2	22.8	2.1	31.1	36.9	39.0	31.7	147.0	34.0	212.7
May	4.7	4.9	5.5	21.3	2.0	28.7	36.8	38.5	28.7	148.3	29.6	206.7
June	5.0	5.2	5.6	21.9	1.8	29.3	37.5	39.1	28.6	147.7	36.0	212.3
July	5.1	5.4	5.8	24.0	2.1	31.9	37.2	38.9	28.9	155.3	33.8	218.0
August	5.3	5.6	5.8	23.9	2.3	32.1	37.9	39.6	29.1	154.9	27.5	211.4
September	4.9	5.1	5.5	21.6	1.8	29.0	36.0	37.6	27.4	142.4	24.7	194.5
October	4.5	4.8	5.1	21.9	2.8	29.9	33.8	35.5	25.5	145.0	27.9	198.4
November	4.1	4.3	5.0	20.7	1.9	27.6	31.3	33.0	24.8	140.8	27.5	193.0
December	4.0	4.3	4.8	20.3	3.9	29.0	31.2	32.9	23.7	138.0	34.6	196.2
1996	4.9	5.1	5.8	22.5	2.5	30.8	34.7	36.5	28.1	143.8	29.6	201.5
1997												
January	3.9	4.1	4.7	19.2	2.4	26.3	29.2	31.1	23.2	129.0	28.8	181.0
February	4.1	4.3	4.9	19.8	2.0	26.7	31.3	33.2	24.1	134.7	33.2	191.9
March	4.6	4.8	5.2	W	2.4	28.4	34.1	36.0	26.0	139.3	30.2	195.5
April	4.8	5.0	5.5	22.1	2.5	30.1	35.7	37.9	27.9	146.7	29.4	204.0
May	4.8	5.0	5.6	22.6	2.1	30.3	35.2	36.9	27.4	148.3	28.4	204.1
June	5.1	5.3	5.6	23.0	2.8	31.4	36.5	38.2	27.4	151.7	24.8	204.0
July	5.4	5.7	5.5	25.0	1.9	32.4	39.7	41.3	26.8	162.8	27.0	216.6
August	5.0	5.2	5.2	23.5	2.6	31.3	38.5	40.2	26.5	156.9	27.3	210.7
September	4.8	5.0	4.8	21.7	2.5	29.0	37.3	39.0	24.7	147.5	28.4	200.6
October	4.9	5.2	4.9	22.3	2.8	29.9	37.0	38.9	24.4	149.2	29.5	203.0
November	4.7	5.0	4.7	20.9	2.7	28.3	34.6	36.1	22.9	137.7	28.2	188.7
December	5.1	5.3	4.8	22.2	3.0	30.0	36.0	37.7	23.1	142.2	31.4	196.8
1997	4.8	5.0	5.1	21.9	2.5	29.5	35.4	37.2	25.4	145.6	28.9	199.8
1998												
January	4.8	5.0	4.2	21.1	2.5	27.7	33.2	34.7	19.4	133.1	32.7	185.2
February	5.1	5.3	4.4	21.6	1.7	27.8	35.0	36.5	20.4	137.9	31.5	189.8
March	5.6	5.8	4.7	23.1	2.0	29.8	37.6	39.1	21.5	144.4	29.7	195.5
April	5.1	5.4	4.8	23.7	3.1	31.6	34.9	36.4	22.5	148.7	39.1	210.3
May	5.2	5.4	4.9	24.3	3.0	32.2	35.7	37.2	22.9	150.7	35.7	209.3
June	5.3	5.5	W	25.5	3.4	33.9	36.4	37.9	23.3	157.8	38.6	219.7
July	5.8	6.1	5.0	26.9	2.6	34.5	39.6	41.1	23.2	161.7	33.2	218.1
August	5.9	6.2	5.0	26.2	2.9	34.1	39.4	41.1	22.9	156.0	31.1	210.0
September	5.7	6.0	4.8	25.5	2.6	32.8	37.6	39.2	21.6	151.6	26.3	199.5
October	5.8	6.0	4.9	24.8	2.4	32.0	38.9	40.5	22.8	150.4	25.2	198.5
November	5.7	5.9	4.5	24.3	3.0	31.8	37.1	38.5	20.4	143.8	25.8	189.9
December	6.0	6.3	4.7	26.5	3.4	34.5	37.8	39.1	20.7	149.9	29.4	200.0
1998	5.5	5.7	4.7	W	2.7	31.9	36.9	38.5	21.8	148.9	31.5	202.2

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.

Note: 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	74.3	73.9	66.7	58.6	52.7	63.2	84.3	83.8	72.7	62.2	W	69.6
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	76.3	76.0	70.4	61.4	W	65.6	84.0	83.8	76.0	64.8	—	72.0
February	77.6	77.4	72.3	64.4	—	68.2	85.7	85.7	78.4	67.4	—	74.2
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	98.3	77.4	—	87.6
July	95.8	95.4	NA	75.0	—	80.6	103.7	103.6	96.5	76.0	—	85.9
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
October	93.4	93.1	85.4	78.4	—	82.0	102.0	101.9	90.9	82.3	—	87.8
November	91.7	91.5	80.8	78.0	—	79.3	102.1	102.0	86.3	81.3	—	84.0
December	88.1	87.9	77.0	75.3	—	76.1	99.2	99.2	82.6	78.6	—	80.8
1996	87.0	86.7	78.4	71.8	W	74.6	94.0	93.9	83.2	73.8	—	79.3
1997												
January	88.7	88.6	80.0	77.2	—	78.3	99.7	99.7	W	80.3	—	82.7
February	91.3	91.1	85.0	77.7	—	80.7	100.9	100.9	W	80.7	—	85.0
March	92.4	92.1	86.4	75.4	—	80.4	100.7	100.7	90.9	76.7	—	85.5
April	88.7	88.4	82.1	69.4	—	72.3	95.5	95.5	W	70.4	—	75.8
May	89.3	89.2	82.5	75.4	—	78.0	96.8	96.8	W	76.2	—	82.1
June	88.0	87.8	80.1	71.6	—	74.7	96.0	95.9	W	72.9	—	78.0
July	85.0	84.9	75.1	71.1	—	72.5	93.2	93.2	W	72.9	—	76.4
August	87.6	87.5	79.9	77.7	—	78.4	96.5	96.4	W	79.5	—	81.8
September	91.5	91.3	85.4	75.0	—	78.6	100.0	100.0	W	78.7	—	82.9
October	90.2	89.9	84.6	71.8	—	76.0	98.7	98.6	W	74.6	—	79.7
November	87.7	87.5	81.7	70.1	—	74.2	97.8	97.8	W	73.2	—	78.6
December	83.5	83.4	76.5	64.7	—	68.8	94.7	94.7	W	68.0	—	74.0
1997	88.6	88.4	81.6	72.5	—	75.8	98.0	98.0	86.6	75.0	—	80.1
1998												
January	77.8	77.7	71.3	59.2	—	63.4	88.6	88.6	W	61.0	—	66.9
February	70.8	70.7	64.1	57.7	—	60.0	80.7	80.7	W	59.6	—	63.5
March	65.7	65.7	56.3	55.8	—	56.0	76.0	75.9	W	57.1	—	59.6
April	66.6	66.6	58.8	57.2	—	57.8	75.9	75.9	W	58.2	—	60.4
May	71.7	71.6	64.4	60.6	—	61.9	80.2	80.2	W	61.4	—	64.5
June	73.6	73.5	64.7	59.2	—	61.0	82.1	82.1	W	60.3	—	63.5
July	72.2	72.1	63.9	58.5	—	60.4	81.3	81.3	W	59.5	—	62.7
August	68.3	68.2	61.4	53.6	—	56.4	77.2	77.2	W	54.7	—	58.9
September	67.4	67.3	61.0	53.8	—	56.6	76.6	76.5	W	55.2	—	59.3
October	69.7	69.5	60.2	54.0	—	56.1	78.6	78.6	66.9	55.9	—	59.7
November	62.9	62.7	59.0	49.9	—	53.1	73.0	73.0	W	51.1	—	56.6
December	59.9	59.8	56.2	44.3	—	48.6	69.1	69.3	W	45.1	—	51.6
1998	68.8	68.7	61.5	54.5	—	57.1	78.3	78.3	68.1	56.1	—	60.2

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	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	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	95.4	95.1	84.1	71.7	57.7	78.8	80.6	80.4	73.9	63.2	W	68.7
February	97.1	97.0	86.6	73.8	—	81.2	82.0	81.8	75.6	66.0	—	70.9
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
October	110.1	109.8	98.3	86.9	—	93.8	96.8	96.5	88.1	79.7	—	84.2
November	110.1	109.8	94.2	86.1	—	90.4	95.5	95.2	83.4	79.3	—	81.4
December	107.1	106.9	90.3	83.7	—	87.2	91.9	91.8	79.7	76.7	—	78.1
1996	103.7	103.5	90.7	80.0	58.3	85.5	90.2	90.0	81.1	73.1	W	76.8
1997												
January	108.5	108.3	93.2	W	—	89.1	92.8	92.6	82.5	78.5	—	80.2
February	110.9	110.6	98.1	W	—	91.9	94.9	94.7	87.4	79.0	—	82.6
March	111.0	110.6	100.2	82.6	—	92.5	95.5	95.2	89.1	76.3	—	82.5
April	104.2	104.2	94.7	W	—	79.9	91.1	90.9	84.0	70.1	—	73.5
May	105.5	105.5	98.4	W	—	86.6	91.7	91.6	84.7	76.0	—	79.3
June	104.7	104.7	93.2	W	—	82.2	90.4	90.3	81.9	72.3	—	75.8
July	101.8	101.8	88.5	W	—	79.6	87.6	87.5	77.0	71.9	—	73.7
August	105.1	104.9	92.6	W	—	85.7	90.3	90.1	81.6	78.4	—	79.5
September	108.5	108.1	97.7	W	—	87.4	94.0	93.7	87.2	76.2	—	80.1
October	107.7	107.2	97.5	W	—	87.0	92.9	92.6	86.7	73.0	—	77.6
November	107.3	107.0	95.0	W	—	85.7	91.4	91.1	84.0	71.5	—	76.0
December	104.1	104.1	90.3	W	—	80.5	87.5	87.3	79.0	66.0	—	70.8
1997	107.3	107.1	95.1	80.5	—	86.4	91.8	91.6	84.0	73.6	—	77.5
1998												
January	98.3	98.3	85.3	W	—	74.5	81.8	81.7	73.9	60.4	—	65.2
February	90.5	90.4	78.5	W	—	71.1	74.2	74.1	66.8	58.8	—	61.7
March	84.6	84.6	70.8	W	—	66.9	68.5	68.5	59.1	56.7	—	57.8
April	85.1	85.1	75.1	W	—	67.8	69.3	69.2	61.3	57.9	—	59.0
May	89.1	89.1	80.6	W	—	72.0	74.2	74.1	67.0	61.1	—	63.2
June	90.7	90.7	79.6	W	—	69.9	76.1	76.0	67.1	59.8	—	62.1
July	89.1	89.1	78.5	W	—	70.5	74.8	74.6	66.4	59.1	—	61.6
August	84.9	84.9	75.5	W	—	66.8	70.9	70.7	64.0	54.2	—	57.8
September	85.3	85.3	75.9	W	—	68.1	70.2	70.1	63.9	54.7	—	58.3
October	87.5	87.5	73.1	62.1	—	67.3	72.8	72.6	63.5	55.2	—	58.2
November	81.4	81.4	72.1	W	—	65.6	66.9	66.7	62.5	51.4	—	55.6
December	78.2	78.1	69.8	W	—	60.7	63.7	63.6	59.3	45.5	—	50.7
1998	87.0	87.0	75.0	61.7	—	67.6	72.0	71.9	64.3	55.5	—	58.7

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: 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.

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	4.0	4.1	9.4	5.2	0.9	15.5	0.7	0.7	2.1	0.8	W	2.9
1995	2.5	2.5	3.8	W	W	8.1	0.5	0.5	0.8	0.5	—	1.3
1996												
January	5.5	5.6	8.6	7.6	W	17.0	1.6	1.6	2.2	1.2	—	3.5
February	4.2	4.3	4.2	4.5	—	8.7	1.1	1.1	1.0	0.6	—	1.6
March	2.1	2.2	1.8	1.8	W	3.7	0.5	0.5	0.4	0.2	—	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	0.2	0.2	—	0.5
October	2.4	2.4	3.3	3.1	—	6.4	0.5	0.5	0.6	0.3	—	0.9
November	4.0	4.1	4.0	4.3	—	8.4	0.9	0.9	0.7	0.6	—	1.2
December	4.4	4.5	4.0	4.5	—	8.5	0.9	0.9	0.7	0.5	—	1.2
1996	2.4	2.5	2.6	2.9	W	5.6	0.5	0.5	0.5	0.4	—	0.9
1997												
January	3.7	3.7	2.9	4.5	—	7.4	0.8	0.8	W	0.5	—	1.1
February	3.6	3.7	2.9	4.2	—	7.1	0.7	0.7	W	0.5	—	1.0
March	2.1	2.1	1.9	2.3	—	4.1	0.4	0.4	0.4	0.2	—	0.6
April	0.9	0.9	0.5	1.6	—	2.1	0.2	0.2	W	0.2	—	0.3
May	1.3	1.4	1.0	1.7	—	2.7	0.2	0.2	W	0.2	—	0.3
June	1.5	1.6	1.0	1.8	—	2.8	0.3	0.3	W	0.2	—	0.4
July	1.3	1.4	1.0	1.8	—	2.8	0.2	0.2	W	0.2	—	0.4
August	1.3	1.4	1.0	1.9	—	2.8	0.2	0.2	W	0.2	—	0.4
September	1.6	1.6	1.3	2.4	—	3.7	0.2	0.2	W	0.4	—	0.6
October	2.1	2.2	2.0	4.2	—	6.3	0.4	0.4	W	0.7	—	1.1
November	3.1	3.2	2.9	5.3	—	8.2	0.7	0.7	W	0.8	—	1.3
December	3.4	3.4	3.0	5.6	—	8.6	0.7	0.7	W	0.8	—	1.3
1997	2.2	2.2	1.8	3.1	—	4.9	0.4	0.4	0.3	0.4	—	0.7
1998												
January	3.0	3.0	2.8	5.3	—	8.1	0.7	0.7	W	0.9	—	1.4
February	3.0	3.0	2.7	5.0	—	7.7	0.6	0.6	W	0.9	—	1.3
March	2.4	2.4	2.4	3.1	—	5.5	0.3	0.3	W	0.6	—	1.0
April	1.7	1.7	1.5	2.7	—	4.2	0.3	0.3	W	0.6	—	0.8
May	1.6	1.6	1.4	2.6	—	4.1	0.2	0.2	W	0.5	—	0.7
June	1.6	1.6	1.5	3.1	—	4.6	0.2	0.2	W	0.6	—	0.8
July	1.5	1.5	1.5	2.9	—	4.4	0.2	0.2	W	0.6	—	0.8
August	1.5	1.5	1.6	2.7	—	4.3	0.2	0.2	W	0.6	—	0.8
September	1.6	1.6	2.0	3.1	—	5.2	0.3	0.3	W	0.7	—	1.0
October	1.6	1.6	2.3	4.4	—	6.7	0.3	0.3	0.4	0.8	—	1.2
November	2.5	2.5	3.0	5.5	—	8.5	0.6	0.6	W	0.9	—	1.5
December	2.5	2.6	3.3	5.8	—	9.1	0.6	0.6	W	0.9	—	1.5
1998	2.0	2.1	2.2	3.9	—	6.0	0.4	0.4	0.4	0.7	—	1.1

See footnotes at end of table.

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

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
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	0.5	0.5	1.1	W	W	1.9	3.5	3.6	5.7	5.1	0.6	11.3
1996												
January	1.3	1.3	2.6	1.4	0.2	4.2	8.3	8.5	13.5	10.2	W	24.7
February	0.9	0.9	1.1	0.8	—	1.8	6.3	6.3	6.2	5.9	—	12.1
March	0.4	0.4	0.4	0.3	W	0.7	3.0	3.0	2.6	2.3	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	0.2	0.3	—	0.5	1.3	1.4	1.8	2.4	—	4.1
October	0.4	0.4	0.7	0.5	—	1.2	3.3	3.3	4.6	3.9	—	8.5
November	0.6	0.7	0.8	0.7	—	1.5	5.5	5.6	5.5	5.6	—	11.1
December	0.7	0.7	0.8	0.7	—	1.6	6.1	6.1	5.6	5.7	—	11.3
1996	0.4	0.4	0.6	0.5	NA	1.1	3.4	3.4	3.7	3.8	W	7.6
1997												
January	0.6	0.6	0.6	W	—	1.3	5.1	5.2	4.1	5.7	—	9.8
February	0.5	0.5	0.6	W	—	1.2	4.9	5.0	4.0	5.3	—	9.3
March	0.3	0.3	0.4	0.3	—	0.7	2.7	2.8	2.6	2.8	—	5.4
April	0.1	0.1	0.1	W	—	0.3	1.2	1.2	0.7	2.0	—	2.7
May	0.1	0.1	0.1	W	—	0.3	1.7	1.7	1.3	2.1	—	3.4
June	0.2	0.2	0.1	W	—	0.4	2.0	2.0	1.3	2.3	—	3.6
July	0.2	0.2	0.1	W	—	0.4	1.7	1.7	1.3	2.3	—	3.6
August	0.1	0.1	0.1	W	—	0.4	1.7	1.7	1.3	2.4	—	3.6
September	0.2	0.2	0.2	W	—	0.5	2.0	2.1	1.7	3.1	—	4.8
October	0.3	0.3	0.3	W	—	0.8	2.8	2.8	2.7	5.5	—	8.2
November	0.4	0.4	0.5	W	—	1.2	4.2	4.3	3.9	6.8	—	10.7
December	0.5	0.5	0.5	W	—	1.3	4.6	4.6	4.1	7.1	—	11.2
1997	0.3	0.3	0.3	0.4	—	0.7	2.9	2.9	2.4	3.9	—	6.3
1998												
January	0.4	0.4	0.5	W	—	1.3	4.1	4.2	3.8	6.9	—	10.7
February	0.4	0.4	0.5	W	—	1.2	3.9	4.0	3.7	6.5	—	10.2
March	0.2	0.2	0.4	W	—	0.8	2.9	3.0	3.2	4.1	—	7.4
April	0.2	0.2	0.2	W	—	0.5	2.2	2.2	1.9	3.6	—	5.4
May	0.2	0.2	0.2	W	—	0.5	2.0	2.0	1.8	3.4	—	5.3
June	0.2	0.2	0.2	W	—	0.6	2.0	2.0	1.9	4.1	—	6.0
July	0.2	0.2	0.2	W	—	0.5	1.9	2.0	2.0	3.8	—	5.8
August	0.2	0.2	0.3	W	—	0.5	1.9	1.9	2.1	3.6	—	5.6
September	0.2	0.2	0.4	W	—	0.8	2.1	2.1	2.7	4.2	—	6.9
October	0.2	0.2	0.6	0.7	—	1.3	2.1	2.1	3.3	5.9	—	9.3
November	0.4	0.4	0.9	W	—	1.9	3.5	3.5	4.5	7.4	—	11.9
December	0.4	0.4	0.8	W	—	1.8	3.6	3.6	4.7	7.7	—	12.4
1998	0.3	0.3	0.4	0.5	—	1.0	2.7	2.7	3.0	5.1	—	8.1

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.

Note: 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	76.4	75.8	72.0	56.9	54.3	63.8	87.9	87.3	77.0	62.8	W	72.8
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	71.4	71.0	67.6	59.2	56.0	63.1	80.9	80.6	72.3	63.8	—	69.9
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	70.0	—	75.6
April	87.7	87.3	83.5	77.0	77.3	80.2	96.5	96.2	88.8	81.4	—	86.7
May	95.7	95.3	91.7	77.0	74.8	83.4	105.1	104.7	96.8	81.4	—	92.2
June	93.5	92.9	89.1	70.5	68.0	78.9	103.0	102.4	94.0	75.1	—	88.3
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
October	80.2	79.9	74.7	70.4	66.5	72.1	90.2	89.9	80.5	74.8	W	78.8
November	80.0	79.7	73.5	71.6	65.2	71.6	89.7	89.4	79.6	75.9	W	78.5
December	80.0	79.7	74.7	71.8	69.4	72.8	89.8	89.5	80.5	76.3	W	79.2
1996	83.4	83.0	78.8	69.8	67.7	73.8	92.4	92.1	83.7	74.1	W	80.9
1997												
January	82.4	82.1	77.1	74.3	73.6	75.6	92.1	91.8	82.7	78.1	W	81.4
February	82.9	82.6	77.8	71.2	72.9	74.8	92.6	92.4	83.1	75.2	W	81.0
March	82.1	81.9	78.4	69.9	73.4	74.6	91.8	91.7	83.7	74.0	W	81.0
April	83.0	82.8	80.5	68.0	69.0	74.4	92.5	92.4	85.1	72.3	W	81.5
May	82.8	82.5	78.3	68.4	63.7	72.5	92.5	92.2	83.8	72.6	W	80.6
June	81.1	80.7	76.4	64.1	58.3	69.4	91.1	90.7	81.9	68.5	W	78.0
July	79.6	79.2	73.9	64.8	59.4	68.6	89.6	89.2	79.5	69.1	W	76.4
August	84.9	84.7	81.3	74.3	72.2	77.3	95.0	94.7	87.1	78.5	W	84.5
September	88.2	87.9	85.0	71.6	72.5	78.3	98.1	97.9	90.4	75.9	W	86.2
October	86.4	86.1	82.2	67.4	67.9	74.5	96.0	95.8	87.4	71.7	W	82.9
November	83.1	82.8	78.6	64.3	60.5	71.0	92.7	92.5	83.7	68.6	W	79.4
December	79.4	79.1	74.5	60.7	58.7	67.0	89.3	89.1	79.7	65.2	W	75.5
1997	83.0	82.8	78.7	68.2	66.8	73.1	92.8	92.5	84.0	72.5	W	80.7
1998												
January	74.2	74.0	69.6	56.6	55.4	62.7	83.0	82.8	74.8	60.8	W	70.8
February	67.6	67.4	62.6	53.8	52.4	57.9	77.8	77.7	68.0	57.9	W	65.1
March	62.7	62.5	57.5	50.9	49.9	54.0	72.9	72.7	63.2	55.0	W	60.8
April	65.9	65.7	59.9	54.5	54.2	57.1	75.4	75.3	65.5	58.8	W	63.6
May	71.5	71.2	65.8	57.2	53.3	60.7	80.7	80.5	71.3	61.5	W	68.5
June	70.2	69.9	64.8	53.6	49.4	58.5	79.9	79.7	70.4	58.3	W	66.8
July	68.3	68.0	62.9	51.8	47.6	56.2	78.5	78.3	68.8	56.4	W	64.9
August	66.5	66.2	60.7	47.9	46.3	53.8	76.9	76.7	66.5	52.5	W	62.1
September	65.0	64.7	59.4	49.0	46.0	53.4	75.4	75.2	65.2	53.3	W	61.6
October	65.2	64.9	59.8	50.4	46.7	54.4	75.5	75.3	65.8	54.9	NA	62.5
November	63.8	63.5	59.1	46.0	44.1	51.9	74.6	74.4	65.2	50.3	W	60.7
December	61.6	61.2	57.3	40.5	37.6	47.7	72.5	72.3	63.3	45.3	W	57.9
1998	66.8	66.5	61.6	50.9	48.4	55.7	76.9	76.7	67.3	55.3	W	63.8

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	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	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	89.9	89.5	80.6	69.3	61.4	76.1	77.5	77.1	72.4	61.9	57.2	67.5
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	81.3	82.5	82.0	76.9	68.2	66.2	72.9
April	104.8	104.3	95.7	85.9	80.2	91.7	92.7	92.2	87.7	79.2	77.8	83.7
May	111.6	110.9	103.0	86.0	77.4	95.6	100.1	99.6	95.1	79.0	75.2	86.9
June	109.6	108.9	100.4	79.1	68.9	90.6	98.0	97.3	92.6	72.5	68.1	82.6
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	78.5	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
October	98.7	98.3	88.9	80.6	71.4	85.2	85.2	84.8	79.2	72.7	67.3	75.8
November	98.8	98.3	88.6	82.6	70.8	85.7	85.0	84.6	78.3	74.0	66.0	75.5
December	99.2	98.8	89.1	82.9	75.0	86.1	85.0	84.6	79.2	74.2	70.1	76.3
1996	100.2	99.8	91.0	79.1	70.9	85.9	88.2	87.8	82.8	72.0	68.2	77.4
1997												
January	101.1	100.7	91.3	W	76.5	88.4	87.3	87.0	81.5	76.4	74.0	79.0
February	101.0	100.7	91.1	W	74.2	87.3	87.6	87.3	81.9	73.2	73.1	78.1
March	100.0	99.6	91.1	W	71.7	86.1	86.8	86.6	82.4	71.8	73.1	77.8
April	100.0	100.1	91.9	W	69.5	86.0	87.5	87.5	84.0	70.1	69.1	77.8
May	99.5	99.3	90.3	W	70.1	85.1	87.4	87.2	82.2	70.6	64.7	76.3
June	98.6	97.9	88.9	W	64.9	82.6	86.0	85.6	80.5	66.4	59.5	73.4
July	97.6	96.9	86.8	W	64.3	81.5	84.4	84.1	78.1	67.1	60.3	72.4
August	103.0	102.8	94.3	W	78.1	90.1	89.6	89.5	85.4	76.6	73.1	80.9
September	105.9	106.0	97.1	W	75.2	90.7	92.7	92.6	88.7	73.7	73.0	81.8
October	103.2	102.9	93.7	W	67.6	85.8	90.7	90.4	85.8	69.4	67.8	77.9
November	100.1	99.8	90.3	W	62.4	82.3	87.5	87.2	82.3	66.2	61.0	74.5
December	96.8	96.6	86.5	W	60.3	79.0	83.9	83.6	78.2	62.6	59.0	70.6
1997	100.5	100.3	91.0	77.5	68.6	85.3	87.6	87.4	82.5	70.3	67.1	76.7
1998												
January	91.1	90.9	81.7	W	58.8	75.5	78.7	78.4	73.4	58.5	55.8	66.3
February	85.8	85.6	75.4	W	53.2	70.2	72.4	72.2	66.7	55.7	52.5	61.4
March	81.2	81.0	70.7	W	50.8	65.8	67.6	67.4	61.7	52.9	50.1	57.4
April	83.4	83.2	72.8	W	57.8	68.7	70.6	70.4	64.0	56.5	54.9	60.4
May	88.0	87.8	77.6	W	57.5	72.4	76.0	75.7	69.6	59.2	54.0	64.1
June	87.3	87.1	76.8	W	54.5	71.3	74.9	74.6	68.7	55.8	50.2	62.3
July	87.0	86.7	75.3	W	52.4	69.5	73.3	73.0	66.9	54.1	48.1	60.1
August	84.7	84.4	73.4	W	49.4	66.6	71.5	71.2	64.8	50.2	46.8	57.6
September	83.3	83.0	72.1	W	48.8	65.5	70.0	69.7	63.5	51.2	46.5	57.0
October	83.7	83.4	72.7	59.9	51.1	66.7	70.3	70.0	64.0	52.6	47.6	58.1
November	82.2	81.9	71.8	W	46.9	64.3	69.0	68.7	63.4	48.1	44.6	55.8
December	80.0	79.7	69.7	W	42.0	61.0	66.8	66.4	61.4	42.6	38.3	51.8
1998	84.7	84.5	74.1	W	51.6	68.0	71.7	71.4	65.7	52.9	48.9	59.3

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.

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	0.6	0.6	2.1	1.6	0.6	4.3	0.2	0.2	0.7	0.3	W	1.0
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	7.8	19.3	15.7	3.8	38.7	2.9	3.0	7.0	2.7	—	9.7
February	7.7	8.0	20.3	16.9	5.9	43.1	3.0	3.0	7.4	3.0	—	10.4
March	8.4	8.7	21.7	17.3	5.6	44.7	3.1	3.2	7.5	3.0	—	10.5
April	9.8	10.2	25.8	20.0	7.9	53.7	3.3	3.3	8.1	3.4	—	11.4
May	11.3	11.7	28.9	22.2	11.1	62.3	3.3	3.3	8.2	3.5	—	11.6
June	11.7	12.1	28.6	23.0	8.9	60.4	3.4	3.5	8.2	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	3.6	W	11.9
September	11.6	12.1	27.6	21.2	8.7	57.5	3.4	3.5	8.0	3.3	W	11.4
October	12.2	12.7	28.3	21.3	6.9	56.5	3.5	3.6	8.2	3.3	W	11.6
November	12.1	12.6	28.2	21.6	8.4	58.3	3.5	3.6	8.3	3.3	W	11.6
December	12.6	13.1	27.9	22.0	9.6	59.5	3.6	3.7	8.2	3.3	W	11.6
1996	10.7	11.1	26.1	20.5	8.0	54.6	3.3	3.4	7.9	3.3	W	11.3
1997												
January	11.3	11.8	27.2	19.8	7.3	54.3	3.2	3.3	7.9	3.0	W	10.8
February	12.1	12.6	28.3	20.7	6.9	55.9	3.3	3.4	8.1	3.0	W	11.1
March	12.4	12.9	28.4	21.2	7.4	57.0	3.4	3.5	8.0	3.1	W	11.1
April	12.4	12.8	29.0	21.1	7.0	57.1	3.4	3.5	7.9	3.0	W	11.0
May	12.0	12.4	27.3	21.1	7.9	56.3	3.3	3.4	7.9	3.1	W	11.1
June	12.2	12.6	27.4	21.5	7.0	56.0	3.4	3.5	7.9	3.2	W	11.1
July	14.0	14.4	27.5	22.7	6.8	57.0	3.8	3.9	8.0	3.4	W	11.5
August	14.8	15.1	28.1	23.2	8.5	59.8	3.9	4.0	8.0	3.4	W	11.5
September	14.7	15.1	27.7	22.0	7.3	57.0	3.7	3.8	7.7	3.1	W	10.8
October	14.9	15.3	28.0	22.4	8.7	59.1	3.7	3.8	7.7	3.1	W	10.9
November	14.3	14.6	28.7	21.8	6.9	57.4	3.6	3.7	7.7	3.0	W	10.7
December	15.6	15.9	29.0	22.6	8.8	60.3	4.0	4.0	7.7	3.1	W	10.9
1997	13.4	13.8	28.0	21.7	7.6	57.3	3.6	3.7	7.9	3.1	W	11.0
1998												
January	13.5	13.8	27.2	21.1	8.3	56.6	3.7	3.7	7.2	2.8	W	10.0
February	14.3	14.6	28.1	22.1	7.5	57.7	3.6	3.7	7.3	2.9	W	10.2
March	14.6	14.9	28.8	22.7	6.9	58.4	3.7	3.7	7.4	3.0	W	10.4
April	13.2	13.4	29.0	22.1	7.9	59.0	3.4	3.4	7.4	2.9	W	10.3
May	13.1	13.3	29.1	22.7	9.0	60.8	3.4	3.4	7.4	3.0	W	10.5
June	13.4	13.7	29.5	23.3	7.5	60.4	3.5	3.5	7.5	3.2	W	10.7
July	15.5	15.9	29.5	23.9	10.3	63.7	4.0	4.0	7.6	3.4	W	11.0
August	15.4	15.6	29.3	24.4	7.7	61.4	4.0	4.0	7.5	3.4	W	10.9
September	15.4	15.7	28.7	23.6	9.3	61.6	4.0	4.0	7.4	3.2	W	10.5
October	14.3	14.6	28.4	23.6	7.8	59.7	3.9	3.9	7.4	3.1	NA	10.6
November	13.9	14.1	27.3	22.7	7.8	57.8	3.8	3.9	7.2	3.1	W	10.3
December	14.4	14.7	27.9	24.1	9.1	61.1	3.9	4.0	7.3	3.1	W	10.4
1998	14.3	14.5	28.6	23.0	8.3	59.9	3.7	3.8	7.4	3.1	W	10.5

See footnotes at end of table.

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

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
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	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	3.1	11.2	5.1	1.1	17.4	13.5	13.8	37.5	23.5	4.8	65.8
February	3.1	3.1	11.8	5.4	1.3	18.6	13.8	14.1	39.5	25.4	7.2	72.1
March	3.1	3.1	11.8	5.4	1.2	18.4	14.6	15.0	41.0	25.7	6.9	73.5
April	3.0	3.1	12.1	5.4	1.5	19.1	16.1	16.6	46.0	28.8	9.5	84.2
May	2.8	2.9	11.0	5.1	1.7	17.9	17.4	17.9	48.1	30.8	12.8	91.8
June	3.0	3.1	11.6	5.5	2.3	19.3	18.1	18.6	48.4	32.0	11.2	91.5
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	5.7	1.5	19.2	18.0	18.8	48.6	32.1	11.6	92.3
September	3.2	3.3	11.9	5.2	1.9	19.0	18.2	18.9	47.5	29.7	10.6	87.8
October	3.2	3.3	12.0	5.3	1.4	18.7	18.8	19.6	48.5	30.0	8.3	86.8
November	3.2	3.3	12.0	5.2	1.3	18.5	18.8	19.5	48.5	30.1	9.8	88.4
December	3.2	3.3	11.6	5.2	1.6	18.4	19.4	20.2	47.6	30.5	11.3	89.4
1996	3.1	3.2	11.7	5.3	1.5	18.6	17.0	17.6	45.7	29.2	9.6	84.5
1997												
January	2.9	3.0	11.1	W	1.0	16.9	17.5	18.2	46.2	27.5	8.3	82.0
February	3.0	3.1	11.5	W	0.8	17.1	18.4	19.1	47.9	28.5	7.8	84.2
March	3.1	3.2	11.6	W	1.5	18.2	18.9	19.7	48.0	29.3	8.9	86.2
April	3.2	3.4	11.7	W	1.4	18.2	19.0	19.8	48.6	29.3	8.4	86.3
May	3.2	3.4	11.5	W	1.5	18.4	18.5	19.2	46.7	29.6	9.5	85.8
June	3.4	3.6	11.8	W	1.6	18.8	18.9	19.6	47.1	30.1	8.7	86.0
July	3.7	4.0	11.8	W	1.5	19.2	21.5	22.2	47.4	32.0	8.3	87.7
August	3.6	3.8	11.4	W	1.5	18.5	22.3	22.9	47.5	32.2	10.0	89.7
September	3.4	3.7	10.7	W	1.2	17.1	21.9	22.6	46.1	30.2	8.6	84.9
October	3.5	3.6	11.1	W	2.0	18.4	22.2	22.7	46.8	30.9	10.7	88.4
November	3.5	3.5	11.6	W	2.2	18.9	21.4	21.8	47.9	30.0	9.1	87.0
December	3.8	3.8	11.8	W	1.9	19.2	23.4	23.7	48.5	31.2	10.7	90.4
1997	3.4	3.5	11.5	5.3	1.5	18.2	20.3	21.0	47.4	30.1	9.1	86.6
1998												
January	3.5	3.5	11.2	W	1.0	17.3	20.8	21.1	45.6	29.0	9.4	84.0
February	3.7	3.7	11.8	W	1.1	18.3	21.7	22.0	47.3	30.3	8.6	86.2
March	3.8	3.9	12.3	W	1.8	19.6	22.1	22.4	48.5	31.2	8.6	88.3
April	3.6	3.6	12.2	W	1.7	19.5	20.1	20.4	48.5	30.6	9.8	88.9
May	3.6	3.6	12.0	W	1.8	19.6	20.0	20.3	48.6	31.5	10.8	90.9
June	3.7	3.7	12.4	W	1.2	19.6	20.6	20.9	49.4	32.4	8.8	90.6
July	4.1	4.2	12.6	W	1.1	20.2	23.7	24.1	49.7	33.7	11.5	94.9
August	4.2	4.2	12.6	W	1.6	20.7	23.5	23.9	49.4	34.2	9.4	93.0
September	4.1	4.2	12.5	W	2.2	21.0	23.5	23.9	48.6	33.0	11.5	93.1
October	3.9	4.0	12.4	6.2	2.0	20.7	22.1	22.5	48.2	32.9	9.8	91.0
November	3.8	3.9	12.3	W	1.9	20.3	21.5	21.8	46.8	31.9	9.7	88.4
December	3.9	4.0	12.5	W	1.5	20.6	22.3	22.6	47.7	33.7	10.7	92.0
1998	3.8	3.9	12.2	W	1.6	19.8	21.8	22.2	48.2	32.0	9.9	90.1

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.

Note: 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	87.2	76.5	65.2	73.6	31.1	63.4	77.6	33.6
1995	86.5	77.7	64.6	74.7	32.4	66.2	76.6	35.4
1996								
January	92.8	82.5	68.1	NA	34.5	71.8	86.3	42.3
February	96.1	84.9	70.3	81.9	38.3	75.2	88.5	45.1
March	96.3	86.1	70.1	68.7	36.5	75.5	87.7	42.3
April	96.0	84.3	68.3	67.1	36.2	75.5	84.8	38.9
May	95.0	83.3	66.8	65.5	35.7	76.8	79.9	37.5
June	94.5	82.8	67.9	65.7	35.3	76.3	78.6	37.3
July	89.3	82.9	66.2	65.5	35.4	71.1	76.6	38.0
August	86.5	80.6	66.1	66.0	36.9	67.5	75.6	39.6
September	90.7	85.0	71.4	69.7	43.8	69.5	78.4	45.8
October	97.4	91.0	75.6	78.3	46.1	70.0	84.0	51.5
November	105.7	96.6	81.8	83.7	54.2	82.5	95.9	58.3
December	121.3	110.0	92.3	95.0	58.4	97.3	112.5	68.4
1996	99.1	88.4	73.3	75.7	41.3	76.4	88.6	47.1
1997								
January	117.8	105.9	91.0	88.6	54.0	93.7	110.0	61.2
February	107.3	97.1	79.6	77.8	42.1	82.6	97.9	46.0
March	102.2	92.4	80.0	74.7	41.2	79.2	90.8	42.8
April	98.6	90.2	76.9	71.4	36.2	78.2	84.9	39.1
May	97.2	88.3	74.6	70.1	35.9	79.4	81.3	38.1
June	95.6	87.6	73.4	69.7	35.3	80.6	80.8	37.5
July	90.3	86.3	73.2	68.6	35.3	74.0	78.3	37.0
August	86.1	84.3	72.1	66.8	36.9	71.0	77.0	38.4
September	87.7	84.7	73.3	68.4	37.6	70.0	77.6	40.3
October	89.9	84.9	73.2	69.9	39.5	65.6	78.2	41.9
November	92.1	86.7	73.7	69.0	38.6	68.0	82.0	40.8
December	94.5	87.4	74.9	69.2	35.2	71.4	85.8	38.7
1997	99.6	90.5	77.8	72.6	38.4	74.3	87.8	42.6
1998								
January	93.5	86.5	74.3	66.0	32.2	69.9	84.2	36.5
February	95.0	87.5	70.8	64.6	30.8	68.9	83.5	34.1
March	92.3	85.3	69.0	63.1	28.3	68.8	81.3	32.1
April	93.2	84.4	72.0	63.5	28.7	71.6	79.3	31.1
May	93.3	85.0	70.2	62.4	28.1	75.4	76.8	30.1
June	90.4	84.2	69.9	61.4	25.1	71.8	75.5	27.5
July	86.2	82.5	68.3	58.7	24.7	68.2	74.0	26.6
August	81.9	78.7	67.1	59.3	24.3	64.5	70.5	26.5
September	81.4	77.6	65.9	57.6	24.3	59.7	71.2	26.9
October	82.6	74.0	66.3	NA	25.9	56.0	71.0	28.5
November	84.4	75.3	68.1	77.6	26.0	60.0	74.9	28.4
December	84.9	75.4	67.8	77.2	21.5	61.2	74.9	26.4
1998	88.8	81.6	69.2	67.6	27.0	64.7	77.4	29.7

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.

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	88.4	58.7	64.1	67.3	65.5	67.5	52.9
1995	86.7	59.3	64.4	67.0	67.3	67.3	53.6
1996							
January	94.6	63.7	67.5	69.9	69.6	75.2	57.3
February	95.9	65.0	68.8	70.7	70.6	75.6	59.1
March	99.1	68.4	73.1	75.1	74.7	78.1	63.2
April	101.5	75.2	80.1	82.6	82.8	82.5	69.9
May	97.8	72.7	79.0	81.2	80.4	79.0	66.1
June	91.0	65.2	72.4	74.5	74.5	71.5	58.6
July	87.9	65.5	72.1	73.2	74.4	71.1	60.1
August	88.1	69.5	75.8	75.8	77.7	74.4	64.9
September	94.5	75.9	82.3	81.7	83.9	81.1	71.3
October	102.6	79.5	85.4	86.4	87.9	86.0	75.0
November	105.4	78.6	84.1	86.7	86.7	87.1	73.2
December	107.5	77.7	82.9	85.5	84.8	87.9	71.8
1996	98.9	71.4	77.1	78.8	79.3	79.3	66.0
1997							
January	107.9	77.0	81.7	84.1	83.5	88.2	70.6
February	105.1	74.5	79.1	81.9	82.0	84.8	67.2
March	101.6	69.3	73.0	76.5	76.4	78.5	61.7
April	99.2	67.7	72.3	75.5	76.8	75.8	61.8
May	96.4	66.3	71.0	74.5	75.9	73.3	60.8
June	92.3	63.1	67.9	72.2	73.1	69.7	56.9
July	88.3	62.0	66.7	70.5	71.2	68.0	56.1
August	86.9	64.2	68.5	71.9	73.0	69.9	58.8
September	88.7	63.7	68.5	71.4	73.2	70.1	57.8
October	92.3	67.3	71.1	73.8	76.5	73.7	61.9
November	94.1	68.0	71.0	74.0	75.1	75.4	61.6
December	93.8	63.9	66.7	70.9	70.4	73.8	56.0
1997	98.4	67.4	71.2	74.5	75.3	75.3	61.1
1998							
January	92.5	59.3	61.6	66.0	65.5	69.6	51.0
February	91.6	57.4	59.9	63.2	63.3	67.4	49.4
March	89.6	54.8	57.4	61.1	61.7	64.2	46.9
April	87.7	55.5	58.5	61.5	63.5	62.4	48.5
May	84.9	54.2	57.4	61.7	63.0	60.2	47.3
June	81.2	50.9	54.6	59.0	59.6	56.8	43.9
July	77.7	50.0	53.8	57.9	57.4	55.4	42.7
August	75.5	48.9	52.4	56.2	56.9	54.2	41.3
September	77.0	51.6	55.2	58.2	59.8	57.0	45.5
October	78.6	52.1	55.3	58.7	60.4	58.2	45.2
November	79.9	50.0	52.9	56.6	57.2	57.6	41.8
December	78.9	46.2	48.8	52.3	52.6	55.4	36.6
1998	85.2	52.5	55.6	59.3	60.0	59.9	45.0

^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.

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	57.7	64.5	67.3	66.1	62.8	53.8
1995	58.8	64.9	67.0	67.7	63.6	54.6
1996						
January	61.7	67.5	69.9	69.4	66.3	57.0
February	63.1	68.9	70.7	70.5	67.4	58.8
March	67.2	73.2	75.1	74.6	71.7	63.0
April	74.9	80.6	82.6	82.9	79.5	70.7
May	72.9	79.7	81.2	81.0	77.6	67.5
June	65.4	73.1	74.5	75.1	70.9	59.9
July	65.7	72.7	73.2	74.9	70.5	60.8
August	69.6	76.2	75.8	78.0	73.8	65.6
September	76.1	82.8	81.7	84.1	80.0	72.3
October	79.4	85.8	86.4	88.2	84.0	75.9
November	78.3	84.5	86.7	87.2	83.1	74.1
December	76.7	83.1	85.5	84.9	81.6	71.8
1996	71.1	77.5	78.8	79.6	75.7	66.7
1997						
January	75.6	81.7	84.1	83.7	80.4	70.7
February	73.7	79.1	81.9	82.1	78.3	68.5
March	68.3	73.2	76.5	76.6	72.9	63.4
April	67.1	72.7	75.5	77.2	72.3	62.8
May	66.0	71.3	74.5	76.3	71.3	61.3
June	62.8	68.2	72.2	73.5	68.6	57.4
July	61.8	67.1	70.5	72.0	67.2	56.6
August	64.2	69.1	71.9	73.6	69.1	59.6
September	63.6	69.3	71.4	73.8	68.6	58.6
October	67.1	71.8	73.8	76.8	71.6	62.6
November	67.4	71.7	74.0	75.7	71.5	62.5
December	62.3	67.3	70.9	70.8	67.1	56.4
1997	66.6	71.5	74.5	75.7	71.4	61.6
1998						
January	57.1	62.0	66.0	65.7	62.1	50.9
February	55.4	60.1	63.2	63.4	59.9	49.3
March	52.9	57.7	61.1	61.7	57.7	46.9
April	54.7	59.0	61.5	63.7	59.0	49.3
May	54.0	58.0	61.7	63.9	58.9	48.3
June	50.8	55.1	59.0	60.3	55.8	44.6
July	49.8	54.6	57.9	58.0	54.6	43.5
August	48.8	53.1	56.2	57.7	53.4	42.2
September	51.4	55.8	58.2	60.3	55.7	46.2
October	51.7	55.9	58.7	60.8	56.2	46.2
November	49.1	53.5	56.6	57.5	53.5	42.4
December	44.7	49.3	52.3	52.8	49.2	36.7
1998	51.6	56.2	59.3	60.4	56.2	45.4

^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.

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	59.1	66.0	67.3	67.4	64.2	54.2	55.3	62.9	64.6	59.8	51.9
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	62.7	68.1	69.9	69.7	67.1	57.5	59.9	66.9	68.8	64.1	55.1
February	64.2	70.1	70.7	71.2	68.3	59.3	61.1	67.8	69.6	65.2	56.9
March	68.7	74.6	75.1	75.3	72.7	63.6	64.2	71.6	73.6	68.7	59.9
April	76.7	82.7	82.6	84.5	80.8	71.8	71.4	78.1	80.8	75.9	65.8
May	74.4	82.6	81.2	83.4	79.1	68.4	70.4	76.6	78.3	74.2	63.2
June	66.5	75.7	74.5	76.7	72.0	60.4	63.5	70.5	73.3	68.2	57.7
July	67.0	74.4	73.2	75.8	71.4	61.4	63.4	71.0	73.9	68.2	58.3
August	71.1	78.0	75.8	79.6	74.8	66.1	67.0	74.3	76.2	71.2	63.1
September	77.0	84.5	81.7	85.1	80.7	72.5	74.3	80.9	82.7	78.3	70.9
October	81.0	87.0	86.4	89.1	84.9	76.3	76.6	84.6	86.9	81.6	74.0
November	79.4	85.4	86.7	87.6	84.0	74.6	76.3	83.5	86.8	81.0	71.9
December	77.8	84.0	85.5	84.9	82.4	72.2	74.8	82.2	84.9	79.3	70.3
1996	72.3	79.1	78.8	80.6	76.7	67.3	68.7	75.9	78.4	73.2	63.9
1997											
January	76.6	82.7	84.1	83.7	81.2	71.0	73.8	80.7	83.7	78.2	69.4
February	74.9	81.6	81.9	82.5	79.3	68.8	71.5	76.8	81.7	75.4	66.5
March	69.0	74.8	76.5	76.7	73.7	64.0	67.0	71.7	76.6	70.6	60.9
April	67.7	74.4	75.5	77.0	72.8	63.2	65.8	71.0	77.4	70.6	60.6
May	66.4	72.0	74.5	76.3	71.8	61.8	65.1	70.5	76.3	69.9	59.1
June	62.9	68.7	72.2	73.9	69.1	57.7	62.6	67.6	73.0	66.9	56.1
July	61.7	67.7	70.5	72.5	67.7	56.9	61.9	66.5	71.4	65.9	55.1
August	64.4	69.8	71.9	74.2	69.6	59.9	63.9	68.4	72.7	67.5	58.0
September	63.5	70.3	71.4	74.2	68.9	58.7	63.7	68.1	73.2	67.5	57.9
October	67.2	72.3	73.8	77.2	71.9	62.9	66.8	71.1	76.3	70.8	61.0
November	67.5	72.0	74.0	76.3	71.9	63.0	67.1	71.2	74.9	70.2	59.9
December	62.9	66.9	70.9	71.4	67.8	56.7	61.1	67.7	70.0	64.9	54.9
1997	67.0	72.2	74.5	76.0	71.9	61.9	65.9	70.8	75.3	69.8	60.2
1998											
January	57.3	61.4	66.0	65.3	62.6	51.3	56.6	62.7	66.3	60.3	49.1
February	55.3	59.2	63.2	63.3	60.2	49.6	55.4	61.1	63.7	58.8	47.9
March	53.0	57.1	61.1	61.7	58.1	47.2	52.8	58.3	61.6	56.2	45.1
April	54.6	58.4	61.5	63.6	59.1	49.7	54.8	59.7	63.8	58.6	46.8
May	53.8	57.9	61.7	63.8	59.0	48.8	54.4	58.2	64.1	58.5	45.5
June	50.7	54.2	59.0	60.3	56.0	45.0	50.9	56.3	60.3	55.1	42.4
July	49.8	53.8	57.9	57.9	54.9	43.8	50.0	55.5	58.2	53.7	41.6
August	48.5	53.1	56.2	57.3	53.6	42.4	49.5	53.2	58.3	52.8	40.7
September	51.6	55.9	58.2	60.1	55.9	46.6	50.8	55.8	60.5	54.8	44.0
October	51.5	56.0	58.7	60.4	56.2	46.5	52.4	55.9	61.4	56.1	44.8
November	49.0	53.2	56.6	57.1	53.8	42.7	49.2	54.0	58.2	52.7	40.6
December	44.6	49.0	52.3	51.8	49.4	36.9	45.0	49.7	54.4	48.5	35.7
1998	51.5	55.7	59.3	60.1	56.5	45.7	51.8	56.7	60.8	55.5	43.7

^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.

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
1995	86.7	87.5	86.4	78.7	84.4	77.9	87.4	85.3	87.0	101.0
1996										
January	94.6	96.1	94.5	93.0	92.0	89.1	94.9	92.6	94.7	111.7
February	95.9	97.5	96.2	93.2	93.8	90.8	95.6	93.7	94.4	112.9
March	99.1	100.6	99.6	96.7	99.3	93.8	99.7	97.3	96.1	117.7
April	101.5	102.7	102.1	98.7	101.5	96.5	98.8	100.3	100.7	115.9
May	97.8	98.1	96.8	95.4	95.9	93.6	94.9	98.8	98.0	109.7
June	91.0	91.3	88.8	90.1	87.9	87.2	88.7	92.2	91.9	102.5
July	87.9	88.0	84.9	87.5	87.5	83.6	87.7	88.5	91.0	97.3
August	88.1	88.2	84.0	89.5	89.0	85.1	88.3	89.0	91.0	99.2
September	94.5	94.4	92.5	96.4	93.1	91.9	96.6	94.4	95.3	106.2
October	102.6	103.5	103.0	101.1	103.0	99.1	104.0	100.7	103.1	120.9
November	105.4	106.1	105.0	103.4	103.7	99.7	104.5	101.9	105.9	125.7
December	107.5	108.5	108.1	105.1	105.9	101.6	106.4	103.6	106.7	129.2
1996	98.9	100.0	98.6	97.2	97.6	94.0	98.6	96.9	98.4	117.8
1997										
January	107.9	109.0	108.6	105.2	106.5	102.1	107.0	104.4	106.5	130.4
February	105.1	106.0	105.2	102.2	103.4	101.0	104.5	103.5	104.2	127.0
March	101.6	102.5	99.3	94.3	97.7	98.6	100.4	103.1	100.7	121.4
April	99.2	100.3	97.6	90.9	95.9	95.2	99.4	100.4	100.1	116.3
May	96.4	97.1	93.4	90.6	93.0	91.9	97.3	97.7	96.4	108.6
June	92.3	92.9	89.9	88.1	89.1	89.1	93.3	92.9	90.8	99.9
July	88.3	88.7	83.7	86.7	87.5	85.6	91.6	91.1	88.8	W
August	86.9	86.8	84.2	85.8	84.7	85.3	91.0	92.7	89.2	W
September	88.7	89.0	85.5	87.0	87.0	86.3	91.2	91.7	88.5	NA
October	92.3	92.8	88.9	90.0	89.5	88.2	94.6	93.1	88.0	106.7
November	94.1	94.6	91.3	92.0	90.7	88.6	95.4	94.7	92.0	W
December	93.8	94.6	91.9	90.9	89.9	88.5	94.6	94.0	94.2	111.8
1997	98.4	99.3	96.3	94.2	96.0	94.2	98.9	98.7	98.4	117.4
1998										
January	92.5	93.5	90.7	88.0	88.8	86.6	93.3	92.5	92.4	111.0
February	91.6	92.8	90.1	85.1	87.7	86.7	92.6	91.6	91.9	110.0
March	89.6	90.8	88.0	82.3	86.7	84.1	90.1	92.1	90.6	104.9
April	87.7	88.6	85.8	81.6	83.5	81.3	88.9	89.1	88.5	100.3
May	84.9	85.9	83.2	80.3	81.9	79.4	87.2	86.7	82.3	NA
June	81.2	82.1	78.1	78.6	78.5	75.6	84.4	84.3	79.8	89.8
July	77.7	78.4	74.4	76.0	76.2	70.5	83.3	81.4	74.1	84.0
August	75.5	76.1	71.4	74.3	74.0	68.5	78.6	80.9	74.5	85.6
September	77.0	77.6	72.4	74.4	74.2	70.8	78.8	80.5	73.0	84.6
October	78.6	79.1	75.5	74.1	75.3	71.1	81.7	82.4	76.4	W
November	79.9	80.6	77.0	73.3	74.7	72.3	80.4	82.0	82.4	W
December	78.9	79.6	77.1	70.9	74.3	71.4	79.9	81.7	80.9	W
1998	85.2	86.2	83.1	78.8	81.8	78.8	86.8	87.3	85.8	102.2

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	95.0	89.5	96.6	85.7	85.3	80.9	80.8	78.4	81.2	86.3
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	97.8	102.9	92.3	91.3	90.7	84.4	84.4	85.6	89.6
February	104.1	100.5	104.1	93.1	92.8	93.8	85.7	85.8	86.4	91.2
March	106.4	103.5	106.6	95.9	93.6	95.8	89.4	88.7	90.7	97.0
April	105.8	105.4	109.0	97.1	95.4	97.0	93.4	90.4	93.5	101.0
May	104.4	98.2	105.2	92.9	91.7	91.4	92.6	89.9	93.0	99.6
June	97.3	91.8	101.4	83.9	88.2	89.9	86.3	80.6	86.2	94.6
July	93.7	89.7	97.2	79.4	88.5	88.6	85.9	78.9	85.6	92.2
August	93.7	90.6	93.4	82.0	89.1	88.9	86.0	83.0	87.4	92.5
September	99.3	97.3	99.1	88.9	92.6	94.9	92.2	87.1	92.8	98.6
October	108.1	105.7	107.9	99.4	98.6	101.1	96.8	92.4	96.6	102.6
November	111.8	108.8	111.6	102.2	102.2	104.6	100.7	96.8	102.4	106.4
December	114.9	111.1	114.4	104.0	104.3	104.3	100.5	98.1	100.8	106.4
1996	106.3	102.4	106.3	95.3	95.2	96.0	91.3	89.3	91.2	97.7
1997										
January	117.1	111.6	114.3	104.2	105.5	103.8	99.7	99.2	100.9	105.6
February	115.0	108.7	111.6	102.1	102.7	101.2	97.7	93.2	97.0	104.4
March	108.1	104.9	111.2	97.7	100.4	98.1	93.2	90.2	94.7	NA
April	105.6	102.8	109.4	94.8	96.7	95.7	90.7	85.5	NA	91.7
May	101.9	100.1	107.7	92.4	89.9	92.9	90.4	81.9	88.7	90.7
June	98.0	97.2	103.6	87.6	87.8	90.6	87.0	81.4	84.2	88.2
July	96.1	90.3	99.4	82.0	85.9	87.4	83.3	79.9	79.9	84.9
August	93.8	90.1	92.9	80.7	85.3	85.0	84.2	81.3	83.2	87.4
September	94.7	91.2	94.5	82.8	88.9	87.6	84.4	77.4	80.4	88.3
October	97.8	95.4	100.6	87.2	90.2	88.1	87.1	82.6	84.5	88.9
November	100.3	97.8	101.7	89.5	91.8	92.2	88.3	81.5	85.0	93.6
December	100.9	98.2	101.8	89.9	92.5	93.6	85.8	82.1	81.8	88.9
1997	105.7	103.3	106.5	95.0	94.8	96.2	91.0	87.0	86.5	94.2
1998										
January	100.4	96.5	101.4	89.2	92.1	91.1	82.6	80.4	79.9	85.9
February	98.8	95.8	101.0	88.5	91.4	88.9	80.6	79.7	78.9	84.2
March	96.8	92.9	98.3	86.2	89.6	88.5	79.6	77.2	77.9	83.3
April	93.1	91.7	97.1	84.0	88.4	86.8	79.2	74.4	77.0	81.8
May	89.0	89.6	95.0	82.1	83.8	82.1	76.7	70.0	73.2	81.5
June	85.8	83.9	92.2	75.7	82.4	79.8	74.0	NA	72.1	79.3
July	81.2	79.0	89.0	70.1	81.4	73.3	72.8	70.7	69.7	76.5
August	79.4	77.1	83.7	69.9	79.0	72.6	70.8	NA	71.0	74.5
September	81.7	80.3	85.2	71.7	80.1	72.6	72.6	66.2	72.5	75.9
October	80.3	82.3	88.0	74.1	80.3	76.9	73.8	69.8	73.0	77.3
November	82.1	83.5	89.3	76.6	81.2	76.8	73.1	70.8	71.9	77.9
December	80.3	82.6	88.5	76.0	79.9	73.8	71.3	66.6	69.3	77.9
1998	90.2	89.2	94.8	81.4	85.6	81.8	76.5	73.5	74.8	80.4

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	80.6	81.2	81.1	71.4	78.6	78.9	90.9	86.5	88.7	95.0
1995	80.1	80.8	81.2	69.0	84.4	83.9	90.6	83.4	89.4	96.2
1996										
January	82.7	85.5	83.3	70.9	88.0	87.2	92.5	84.0	90.1	99.7
February	83.7	87.7	83.9	72.4	88.0	86.8	92.5	83.3	90.9	99.6
March	86.7	91.6	87.1	75.5	87.8	86.6	93.1	84.5	90.0	101.1
April	91.4	95.3	91.5	82.2	96.4	95.7	101.3	90.0	101.0	109.7
May	92.0	91.3	92.2	76.5	99.7	97.1	107.9	97.9	108.6	116.7
June	85.5	86.8	88.4	70.3	86.9	91.0	103.4	96.2	NA	112.8
July	84.3	86.5	88.6	68.2	86.9	92.3	96.2	92.7	96.4	103.8
August	86.2	82.2	87.8	75.7	88.8	98.4	94.3	92.3	94.3	99.8
September	91.8	92.8	91.1	84.0	98.8	101.3	105.5	95.7	109.1	115.8
October	97.8	98.2	95.6	87.1	97.9	97.8	106.8	96.7	108.6	116.4
November	102.4	100.8	98.7	NA	102.4	98.1	107.4	96.9	107.5	115.3
December	100.4	101.5	98.9	87.4	98.3	95.4	106.7	96.4	105.1	114.9
1996	90.9	92.1	89.9	77.5	94.2	93.3	99.9	90.9	98.9	108.0
1997										
January	99.4	100.7	98.3	85.5	96.8	94.9	108.5	97.2	105.7	117.6
February	97.0	98.4	96.8	79.7	97.3	94.5	109.1	97.7	106.7	118.8
March	91.4	92.3	96.8	75.1	97.5	100.6	109.3	98.9	107.5	116.6
April	89.4	92.3	92.9	74.7	95.9	98.3	107.7	97.6	106.0	114.9
May	89.0	90.4	93.4	70.9	94.5	98.4	103.9	96.5	104.6	109.1
June	87.2	86.8	90.8	70.3	NA	93.4	102.5	96.1	100.2	112.2
July	84.7	83.2	86.9	70.4	89.9	89.9	103.3	97.6	96.8	NA
August	84.7	81.7	86.5	72.3	88.6	91.2	101.6	96.5	99.2	108.8
September	83.6	84.2	88.0	72.1	91.1	92.5	103.6	96.8	101.2	110.9
October	86.2	88.2	89.5	73.9	91.8	93.0	104.3	97.8	101.6	111.6
November	86.4	89.2	89.8	72.9	93.7	94.4	105.7	98.2	102.3	112.8
December	84.4	85.8	88.6	68.5	92.4	93.4	102.4	96.4	98.4	109.0
1997	89.9	91.3	93.3	73.8	93.7	95.3	106.0	97.3	103.1	113.9
1998										
January	81.5	82.2	85.4	66.2	83.2	84.9	98.6	NA	93.6	104.6
February	78.1	80.9	83.6	64.7	79.4	80.8	94.7	87.4	89.3	100.8
March	77.2	79.5	83.0	62.3	76.9	78.6	92.7	86.5	85.8	98.9
April	77.8	79.5	81.6	63.0	79.1	79.6	92.7	86.8	86.2	98.8
May	72.6	78.8	80.5	61.2	76.9	78.1	90.9	86.2	85.2	97.3
June	68.8	75.1	78.8	W	75.1	74.9	86.3	85.8	82.2	89.9
July	69.4	72.7	77.8	56.2	73.0	NA	83.2	81.8	82.2	86.5
August	68.2	70.1	75.5	55.1	77.3	79.6	84.5	82.5	84.4	87.7
September	70.5	72.3	74.9	59.8	78.2	78.4	86.4	83.4	83.7	90.2
October	70.7	74.4	76.8	57.9	78.6	78.8	89.2	84.4	84.1	94.9
November	70.3	73.4	76.6	55.6	77.0	76.4	89.4	82.7	82.4	97.1
December	67.9	71.6	74.6	51.9	71.0	71.1	88.5	82.6	81.9	95.0
1998	73.8	76.7	80.1	59.1	77.6	78.4	91.4	85.2	86.1	97.8

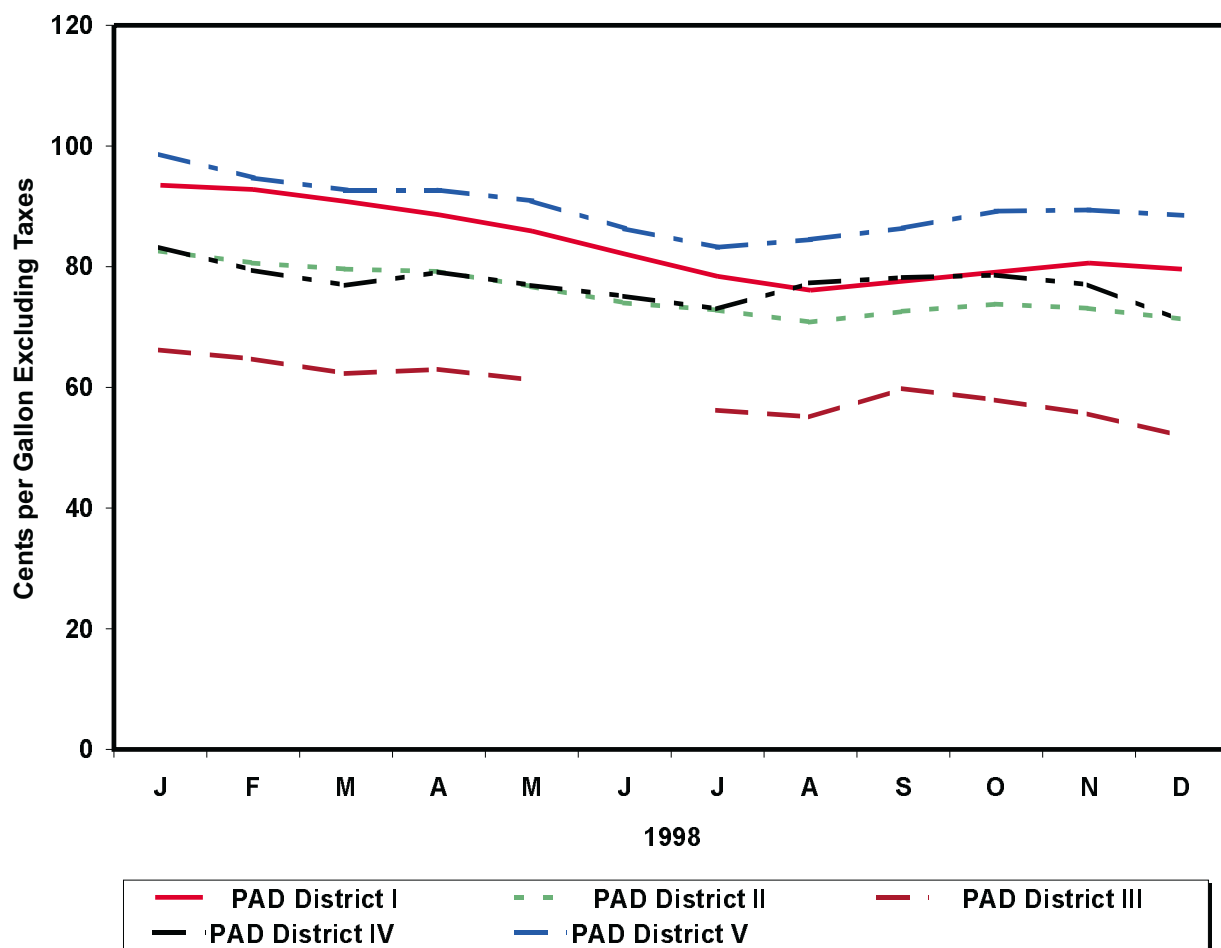
Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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



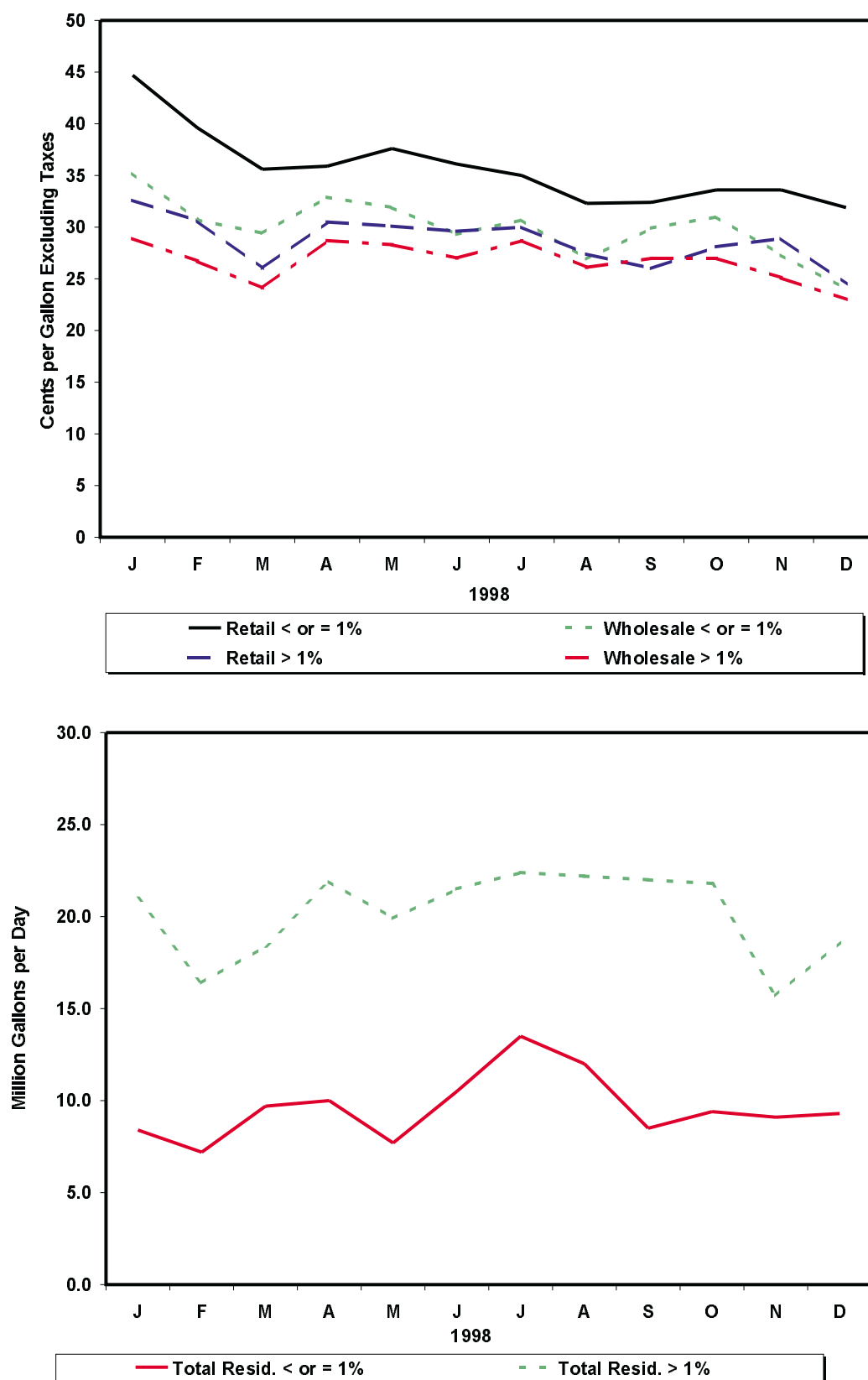
Source: Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report" and Form EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

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	40.1	34.5	33.0	28.7	35.2	31.7
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	42.6	41.7	36.8	44.9	40.1
March	51.9	47.1	42.1	36.0	44.7	42.0
April	51.1	48.3	43.0	39.9	45.1	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	37.4
July	48.6	41.4	38.7	37.3	41.0	38.9
August	49.8	41.9	39.5	37.2	42.0	39.0
September	51.2	42.6	43.2	40.3	44.9	41.2
October	54.7	47.8	47.1	43.1	48.5	45.0
November	57.0	49.2	48.0	44.5	49.7	46.3
December	58.6	51.4	47.5	43.0	49.9	46.0
1996	52.6	45.6	43.3	38.9	45.5	42.0
1997						
January	58.7	46.2	46.3	39.3	49.5	42.9
February	54.6	43.7	41.8	35.4	45.2	39.3
March	49.3	39.8	37.6	33.9	40.3	35.8
April	46.4	37.6	37.5	35.2	39.7	36.1
May	45.2	36.7	38.6	35.4	40.3	35.8
June	44.4	39.5	38.7	34.7	40.1	36.7
July	44.2	38.5	38.2	35.3	39.6	36.5
August	44.6	39.4	39.5	37.5	40.7	38.3
September	46.4	40.1	40.1	37.5	41.3	38.7
October	48.2	44.6	42.9	39.7	43.9	42.0
November	51.2	46.5	43.8	41.6	45.7	43.5
December	48.5	38.7	37.8	32.8	40.2	35.6
1997	48.8	41.5	40.3	36.6	42.3	38.7
1998						
January	44.7	35.2	32.6	28.9	35.4	31.1
February	39.6	30.7	30.6	26.7	32.7	28.3
March	35.6	29.4	26.0	24.1	28.6	26.4
April	35.9	32.9	30.5	28.7	31.8	30.3
May	37.6	31.9	30.1	28.3	31.9	29.5
June	36.1	29.3	29.6	27.0	31.3	27.9
July	35.1	30.7	30.0	28.7	31.5	29.6
August	32.3	26.9	27.4	26.1	28.7	26.5
September	32.4	29.9	26.0	27.0	27.6	27.9
October	33.6	31.0	28.1	27.0	29.7	28.2
November	33.6	27.3	28.9	25.1	30.5	26.0
December	31.9	24.0	24.5	23.0	26.8	23.3
1998	35.4	29.9	28.7	26.9	30.5	28.0

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	4.2	6.6	9.3	6.2	13.5	12.8
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	16.7
February	4.2	8.6	10.9	6.4	15.0	15.0
March	3.3	9.0	9.4	7.7	12.7	16.7
April	3.0	6.1	8.8	7.4	11.8	13.5
May	2.0	6.5	8.7	6.2	10.7	12.7
June	3.0	6.4	8.3	7.8	11.3	14.1
July	2.7	5.5	9.0	8.6	11.7	14.1
August	3.0	6.1	9.3	9.5	12.3	15.6
September	2.3	4.3	8.7	7.5	10.9	11.8
October	2.4	4.5	11.1	6.6	13.5	11.2
November	2.8	4.3	11.6	7.0	14.3	11.3
December	3.5	4.4	12.2	8.0	15.7	12.3
1996	3.1	6.3	9.8	7.4	12.9	13.8
1997						
January	3.6	7.3	10.2	6.8	13.8	14.1
February	3.8	6.5	10.4	7.3	14.1	13.9
March	3.2	3.0	10.4	6.4	13.6	9.4
April	2.8	3.7	8.7	6.8	11.5	10.5
May	2.7	2.7	8.0	5.5	10.7	8.2
June	3.0	4.3	9.3	6.0	12.3	10.4
July	3.2	4.1	10.2	6.8	13.5	10.9
August	2.9	5.1	9.2	7.0	12.1	12.1
September	2.6	5.0	10.1	6.6	12.6	11.6
October	2.9	5.7	12.2	6.7	15.1	12.4
November	3.6	4.6	10.8	7.2	14.4	11.8
December	3.9	6.0	13.6	6.8	17.5	12.9
1997	3.2	4.8	10.3	6.7	13.4	11.5
1998						
January	3.6	4.8	11.9	9.1	15.5	13.9
February	3.1	4.1	10.4	6.0	13.5	10.0
March	4.2	5.5	11.2	7.2	15.5	12.7
April	3.5	6.5	10.8	11.1	14.3	17.6
May	3.0	4.7	9.9	10.0	13.0	14.8
June	3.7	6.8	10.2	11.3	13.8	18.2
July	4.9	8.6	11.6	10.8	16.5	19.3
August	4.8	7.2	13.0	9.2	17.8	16.5
September	3.2	5.3	9.8	12.2	13.0	17.4
October	4.0	5.4	10.0	11.8	14.1	17.2
November	4.1	5.0	7.7	8.0	11.8	12.9
December	4.4	4.9	9.7	8.9	14.1	13.7
1998	3.9	5.7	10.5	9.6	14.4	15.4

Note: 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	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	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	15.43	16.44	17.83	17.72	17.63	17.02	17.05	17.49	17.26	17.03	16.78	17.19	15.91
February	15.54	16.43	17.70	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	19.77	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	17.94	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	17.77	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	19.17	20.44	20.49	20.57	18.99	20.32	20.71	20.47	20.42	20.12	20.39	19.72
September	19.93	21.03	22.48	22.53	22.63	21.17	22.19	22.64	22.39	22.38	22.01	21.98	21.99
October	21.09	22.20	23.20	23.71	23.85	22.18	23.22	23.71	23.46	23.48	23.03	23.15	22.78
November	20.20	21.11	23.12	22.38	W	20.92	21.95	22.92	23.17	22.15	22.47	21.93	21.38
December	21.34	22.41	23.16	23.60	23.76	22.05	23.33	23.81	23.55	23.56	23.06	23.28	22.79
1996	18.46	19.41	20.82	20.95	20.99	19.59	20.33	20.86	20.67	20.47	20.24	20.32	19.57
1997													
January	21.76	22.68	23.97	23.71	23.95	22.31	23.44	23.94	23.66	23.72	23.11	23.52	22.93
February	19.38	19.89	22.68	20.95	21.06	19.63	20.54	21.09	20.81	20.61	19.62	21.01	19.88
March	17.83	18.34	20.14	19.70	19.68	18.39	19.08	19.59	19.15	19.16	18.30	19.13	18.50
April	16.63	17.19	18.95	18.35	18.04	17.35	18.00	18.51	18.11	18.09	17.36	17.79	17.40
May	17.23	18.03	18.82	18.56	18.64	17.99	18.95	19.50	19.12	18.93	18.30	18.98	18.37
June	15.88	16.49	17.96	16.93	16.98	16.25	17.17	17.88	17.59	17.09	16.51	17.12	16.55
July	15.89	16.68	17.88	17.14	17.05	16.49	17.54	18.19	17.90	17.46	16.90	17.51	16.94
August	16.19	17.06	18.09	17.24	17.09	16.52	17.71	18.38	18.00	17.63	17.09	17.56	17.11
September	16.41	17.05	17.80	16.97	16.71	16.22	17.58	18.24	17.80	17.54	17.07	17.58	17.74
October	17.66	18.55	19.11	W	18.34	17.45	19.16	19.68	19.29	19.11	18.44	19.15	18.52
November	16.83	17.47	18.68	18.40	18.81	16.70	18.03	18.60	18.21	17.89	17.30	18.31	17.29
December	15.04	15.69	16.99	16.85	17.13	15.12	16.32	16.96	16.53	16.14	15.66	17.26	15.47
1997	17.23	17.92	19.25	18.49	18.79	17.56	18.60	19.11	18.73	18.63	17.97	18.75	18.10
1998													
January	13.45	13.92	15.41	15.59	15.84	14.06	14.67	15.29	15.01	14.60	14.01	14.80	13.84
February	12.17	13.01	14.65	14.70	15.24	13.22	14.00	14.53	14.19	13.90	13.31	14.08	13.15
March	11.15	11.86	13.85	W	14.21	12.42	12.93	13.60	13.29	12.85	12.41	13.08	12.09
April	11.28	12.09	13.97	W	14.63	12.94	13.26	13.73	13.45	13.18	12.65	13.44	12.47
May	11.13	11.83	13.68	13.99	14.19	12.44	12.67	13.28	12.98	12.58	12.06	12.72	11.86
June	10.00	10.57	12.65	W	13.15	11.29	11.27	11.84	11.65	11.18	10.84	11.46	10.36
July	10.44	11.02	12.78	W	13.37	11.49	11.70	12.19	11.86	11.56	11.17	11.96	10.77
August	10.20	10.66	12.20	W	12.66	10.96	11.20	11.69	11.45	10.96	10.54	11.19	10.22
September	11.29	11.95	13.36	W	14.04	12.21	12.73	13.10	12.74	12.50	12.04	12.72	11.79
October	11.32	11.72	13.14	W	13.67	11.93	12.21	12.61	12.33	12.03	11.40	12.18	11.24
November	9.64	10.33	12.12	W	12.61	10.89	10.81	11.12	10.79	10.54	9.94	10.65	9.70
December	8.03	8.77	10.49	W	10.97	9.00	9.29	9.79	9.61	8.98	8.26	8.99	8.63
1998	10.87	11.51	13.21	13.66	13.67	11.95	12.29	12.78	12.49	12.19	11.67	12.39	11.50

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	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	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	15.65	17.38	17.07	17.22
February	16.13	17.30	17.34	16.33	17.07	17.18	15.49	17.95	15.74	17.30	16.98	16.98
March	18.50	18.60	19.74	18.68	19.34	18.79	17.82	19.97	17.94	19.78	19.38	19.08
April	20.46	20.76	21.90	20.92	21.32	20.78	19.89	21.65	20.13	21.94	21.51	20.78
May	18.50	19.87	19.74	18.76	19.35	19.81	18.01	19.57	17.94	20.16	19.43	18.98
June	17.82	19.11	18.84	18.06	18.58	18.71	17.13	18.98	17.11	19.29	18.73	18.07
July	18.68	18.77	19.82	18.93	19.39	19.51	17.93	19.88	18.12	20.15	19.55	18.82
August	19.37	19.34	20.73	19.57	20.18	20.42	18.73	20.81	18.91	20.76	20.26	19.74
September	21.28	21.52	22.54	21.44	22.10	22.13	20.87	22.66	20.86	22.62	22.22	21.64
October	22.38	22.60	23.46	22.56	23.33	23.49	21.98	23.94	21.92	23.82	23.31	23.11
November	20.99	21.33	22.16	21.17	22.14	22.30	20.67	22.81	20.65	22.53	21.97	22.24
December	22.32	22.35	23.68	22.61	23.41	22.96	21.93	24.09	21.98	23.74	23.32	23.38
1996	19.46	19.96	20.60	19.56	20.29	20.24	18.67	20.88	18.95	20.79	20.31	20.03
1997												
January	22.29	22.59	23.82	22.78	23.58	23.05	22.36	24.30	22.03	23.96	23.48	23.56
February	19.49	19.92	20.94	19.72	20.71	20.70	19.36	21.40	19.15	21.02	20.49	20.90
March	18.15	18.64	19.43	18.31	19.01	18.83	18.02	19.52	17.51	19.45	18.95	18.96
April	17.18	17.51	18.37	17.30	17.83	17.53	17.04	18.40	16.43	18.40	17.88	17.52
May	18.13	18.18	19.35	18.17	18.85	18.76	17.93	19.35	17.37	19.26	18.97	18.45
June	16.30	16.49	17.59	16.48	17.24	17.19	16.19	17.66	15.53	17.60	17.24	17.14
July	16.60	16.61	18.03	16.65	17.56	17.31	16.52	17.98	15.88	17.89	17.58	17.44
August	16.79	16.71	18.23	W	17.85	17.56	16.70	18.27	16.05	18.13	17.86	17.76
September	16.71	16.33	18.06	W	17.78	17.63	16.62	18.27	15.92	18.01	17.74	17.77
October	18.30	17.81	19.68	W	19.25	19.05	18.11	19.88	17.51	19.51	19.25	19.09
November	17.16	16.89	18.53	W	18.28	18.17	17.05	18.75	16.32	18.51	18.19	18.40
December	15.34	15.36	16.78	15.87	16.43	16.42	15.24	17.00	14.64	16.57	16.32	16.56
1997	17.63	17.77	19.05	17.80	18.69	18.58	17.58	19.22	16.94	19.02	18.66	18.63
1998												
January	13.69	14.28	15.16	W	14.69	14.73	13.57	15.22	13.08	14.90	14.70	14.59
February	13.05	13.35	14.48	13.03	13.85	13.84	12.91	14.33	12.24	14.16	13.95	13.60
March	11.92	12.58	13.41	W	12.68	12.54	11.83	13.03	10.92	13.08	12.80	12.44
April	12.33	13.12	13.72	W	12.81	12.60	12.12	13.01	11.04	13.33	13.04	12.43
May	11.68	12.63	13.13	W	12.61	12.41	11.50	13.04	10.50	12.76	12.62	12.57
June	10.29	11.60	11.72	W	11.27	11.15	10.16	11.58	8.93	11.26	11.24	11.37
July	10.91	11.70	12.06	12.69	11.61	11.40	10.48	11.97	9.29	11.66	11.74	11.45
August	10.37	11.20	11.69	W	11.18	11.10	9.90	11.59	8.89	11.28	11.30	11.03
September	11.87	12.41	13.30	W	12.52	12.43	11.36	13.15	10.45	12.77	12.59	12.31
October	11.48	12.06	12.65	W	12.26	12.02	10.90	12.57	9.94	12.40	12.42	12.05
November	10.18	11.07	11.25	12.77	10.91	10.65	9.48	11.03	8.91	10.89	10.89	11.04
December	8.62	9.22	9.74	W	9.31	9.15	7.82	9.75	7.71	9.08	9.20	9.48
1998	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28	12.03

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	14.27	15.44	13.43	16.38	13.67	10.53	9.77	13.87	12.12	9.32
1995	15.90	16.67	14.93	17.71	15.50	12.08	11.12	15.28	14.00	10.81
1996										
January	16.73	17.26	15.73	18.37	16.38	12.93	12.13	15.67	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	18.62	15.18	14.23	17.40	17.11	13.58
April	20.86	21.72	20.13	22.79	20.29	16.93	16.08	19.69	18.71	15.13
May	19.12	19.60	17.92	20.69	18.85	15.73	15.82	17.58	15.96	13.17
June	18.38	18.84	17.20	19.81	18.15	14.49	14.24	17.19	15.23	12.40
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	21.69	22.35	20.63	22.70	21.48	16.59	16.30	20.07	17.31	14.58
October	22.82	23.40	21.87	23.74	22.63	17.79	17.45	21.19	18.50	16.25
November	21.39	22.28	20.51	21.94	21.19	17.42	17.27	19.99	17.93	15.47
December	22.66	23.70	21.88	23.06	22.42	18.33	17.82	21.67	19.36	17.09
1996	19.85	20.47	18.89	21.10	19.56	15.73	15.32	18.43	16.72	13.82
1997										
January	22.79	23.72	21.85	23.49	22.55	19.19	18.84	22.76	20.04	17.40
February	19.73	20.80	18.59	20.50	19.45	17.50	17.72	19.83	17.52	14.71
March	18.32	19.55	17.51	18.84	17.99	16.04	16.09	18.49	16.39	13.47
April	17.16	18.39	16.39	17.76	16.81	14.80	14.70	16.48	15.47	12.30
May	18.11	19.42	17.22	18.72	17.74	14.73	14.45	16.98	15.61	12.45
June	16.35	17.64	15.61	17.24	15.90	13.84	13.70	15.12	14.54	11.38
July	16.69	18.01	15.92	17.46	16.29	13.29	12.97	15.19	14.17	11.20
August	16.99	18.15	16.18	17.83	16.61	13.64	12.94	15.65	14.92	12.30
September	16.81	18.09	15.99	17.58	16.42	14.44	14.11	15.74	15.28	12.57
October	18.34	19.74	17.64	19.22	17.89	15.24	14.52	17.20	16.59	14.19
November	17.05	18.38	16.39	18.26	16.51	14.71	14.54	16.62	15.30	12.70
December	15.42	16.72	15.37	16.44	14.71	13.02	12.81	W	13.66	11.19
1997	17.80	19.03	17.00	18.57	17.41	15.06	14.84	17.43	15.78	12.97
1998										
January	13.73	15.10	13.72	14.84	12.96	11.46	11.67	W	11.53	9.11
February	13.09	14.35	13.10	14.17	12.34	9.46	9.15	W	10.27	7.53
March	11.92	13.35	12.08	12.93	11.09	8.66	8.48	W	9.25	6.52
April	12.31	13.52	12.40	13.47	11.54	8.63	8.14	11.40	9.56	6.84
May	11.93	12.99	11.82	13.08	11.19	8.68	8.38	11.27	9.39	6.53
June	10.36	11.59	10.40	11.49	9.63	8.01	7.74	10.87	8.64	6.03
July	10.92	12.05	11.01	12.05	10.20	8.63	8.25	11.83	9.42	6.75
August	10.25	11.20	10.20	11.60	9.58	8.70	8.39	11.51	9.39	6.74
September	11.82	12.91	11.74	12.96	11.19	9.36	8.69	12.90	10.41	7.84
October	11.49	12.42	11.27	12.73	10.93	9.95	9.89	12.46	10.36	8.02
November	10.06	10.74	9.94	11.04	9.64	7.77	7.16	10.48	8.87	6.76
December	8.56	9.65	8.48	9.25	8.10	6.17	5.46	W	7.46	5.01
1998	11.38	12.56	11.28	12.52	10.70	8.80	8.47	11.55	9.55	6.99

W = Withheld to avoid disclosure of individual company data.

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

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	9.77	11.79	11.65	12.47	15.71	14.54	15.65	14.16	11.87
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	18.26	16.67	17.68	16.15	15.13
February	12.76	14.33	14.48	15.05	18.06	16.60	17.62	16.09	14.94
March	14.23	16.57	16.75	17.27	20.05	18.95	19.99	18.57	17.30
April	16.08	17.97	18.12	18.80	21.69	20.85	22.21	20.63	19.05
May	15.82	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	20.76	19.78	20.94	19.44	18.20
September	16.30	15.85	16.23	17.22	22.66	21.67	22.85	21.46	20.08
October	17.45	17.15	17.50	19.19	23.85	22.81	23.97	22.48	21.19
November	17.27	16.72	17.03	17.95	22.83	21.36	22.65	21.19	19.63
December	17.82	18.19	18.49	19.41	24.11	22.71	24.07	22.35	20.83
1996	15.32	15.70	15.97	17.13	20.89	19.82	20.96	19.49	18.16
1997									
January	18.84	18.86	19.05	20.06	24.17	22.90	24.09	22.62	20.87
February	17.72	15.98	16.29	17.30	21.31	19.92	21.15	19.54	17.52
March	16.09	15.25	15.40	16.39	19.56	18.59	19.72	17.67	15.92
April	14.70	14.25	14.61	15.61	18.31	17.56	18.66	16.74	14.84
May	14.45	14.86	14.99	16.23	19.39	18.44	19.70	17.99	15.58
June	13.70	13.64	13.72	14.94	17.60	16.55	17.84	16.30	13.83
July	12.97	13.36	13.56	13.94	17.96	16.87	18.19	16.72	14.34
August	12.94	14.20	14.59	W	18.23	17.08	18.42	17.03	14.61
September	14.11	14.58	14.71	W	18.26	16.94	18.30	16.89	14.43
October	14.52	15.96	16.09	W	19.88	18.55	19.82	18.50	15.78
November	14.54	14.50	14.36	W	18.78	17.38	18.78	17.25	14.14
December	12.81	12.81	12.96	W	17.03	15.55	16.79	15.46	12.13
1997	14.84	14.88	15.02	16.44	19.22	17.96	19.27	17.77	15.39
1998									
January	11.67	10.52	10.64	W	15.21	13.88	15.28	13.88	10.34
February	9.15	8.97	9.11	W	14.36	13.22	14.68	13.04	9.50
March	8.48	7.79	8.06	W	12.99	12.11	13.49	11.84	8.44
April	8.14	8.18	8.42	W	12.92	12.52	13.81	12.04	8.88
May	8.38	8.16	8.37	W	12.97	11.88	13.32	11.85	8.45
June	7.74	7.50	7.62	W	11.56	10.49	11.83	10.65	7.07
July	8.25	8.23	8.51	W	11.93	11.12	12.30	11.06	7.73
August	8.39	8.23	8.46	W	11.53	10.70	11.81	10.73	7.23
September	8.69	9.19	9.41	W	13.00	12.18	13.25	12.02	8.99
October	9.89	9.44	9.69	W	12.76	11.57	12.95	11.83	8.88
November	7.16	7.95	8.14	W	10.98	10.54	11.39	10.24	7.79
December	5.46	7.39	6.74	W	9.83	9.05	9.69	8.60	6.42
1998	8.47	8.48	8.59	9.11	12.55	11.62	12.89	11.50	8.33

W = Withheld to avoid disclosure of individual company data.

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	11.83	12.83	9.79	14.72	14.79	15.62
1995	13.26	14.64	11.14	16.15	16.24	16.98
1996						
January	13.80	15.60	12.16	17.04	16.97	17.65
February	14.16	15.49	12.78	16.84	16.94	17.60
March	16.32	17.85	14.25	19.10	19.24	19.92
April	17.84	19.70	16.11	20.89	21.23	22.08
May	15.22	17.88	15.84	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	20.20
August	14.97	18.54	15.32	19.82	20.12	20.92
September	16.62	20.40	16.34	21.77	22.04	22.81
October	17.90	21.45	17.50	22.96	23.11	23.96
November	17.21	20.14	17.29	21.91	21.86	22.64
December	18.66	21.36	17.86	23.08	23.13	23.99
1996	16.01	18.61	15.35	19.97	20.23	20.91
1997						
January	19.26	21.50	18.87	23.25	23.40	24.07
February	16.63	18.34	17.74	20.36	20.62	21.19
March	15.75	16.90	16.11	18.64	19.23	19.65
April	14.50	15.70	14.72	17.42	18.10	18.62
May	15.41	16.33	14.48	18.35	18.81	19.64
June	14.16	14.71	13.74	16.87	17.13	17.81
July	13.85	15.15	13.00	17.23	17.39	18.14
August	14.86	15.50	12.97	17.54	17.68	18.36
September	15.07	15.36	14.14	17.50	17.58	18.22
October	16.47	16.79	14.56	18.97	19.11	19.73
November	15.08	15.21	14.57	18.02	17.98	18.71
December	13.50	13.60	12.84	16.17	16.29	16.80
1997	15.44	16.27	14.87	18.38	18.62	19.26
1998						
January	11.26	11.76	11.69	14.51	14.64	15.21
February	9.75	10.79	9.19	13.64	13.91	14.56
March	8.78	9.77	8.51	12.45	12.72	13.41
April	9.10	10.34	8.17	12.52	13.06	13.66
May	9.00	9.86	8.41	12.51	12.53	13.20
June	8.30	8.40	7.77	11.18	11.09	11.75
July	9.09	9.23	8.28	11.54	11.61	12.21
August	9.04	8.72	8.41	11.18	11.19	11.72
September	10.06	10.35	8.72	12.51	12.59	13.19
October	10.12	10.02	9.90	12.25	12.22	12.75
November	8.57	8.77	7.18	10.73	10.95	11.28
December	7.46	7.37	5.48	9.27	9.26	9.59
1998	9.22	9.62	8.50	12.03	12.17	12.80

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							Persian Gulf ^D	Total OPEC ^C	Non OPEC
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1978	13.32	—	13.24	14.05	12.70	13.82	12.38	12.77	13.31	13.23
1979	19.85	—	20.27	21.69	17.28	21.70	16.90	18.77	19.88	20.92
1980	33.45	W	31.06	35.93	28.17	34.36	24.81	28.92	32.21	32.85
1981	35.55	—	33.01	38.31	32.60	36.06	28.95	33.00	35.17	35.12
1982	31.86	—	28.08	35.13	33.73	33.42	23.74	33.55	33.48	30.58
1983	28.14	—	25.20	29.81	27.53	29.91	21.48	27.70	28.46	27.20
1984	27.46	—	26.39	29.51	27.67	28.87	24.23	27.48	27.79	27.45
1985	26.30	—	25.33	28.04	22.04	27.64	23.64	23.31	25.67	25.96
1986	13.30	12.34	11.84	14.35	11.36	13.84	10.92	11.35	12.21	12.87
1987	17.27	17.84	16.36	18.47	15.12	18.28	15.08	15.97	16.43	16.99
1988	13.70	13.61	12.18	15.16	12.16	14.80	12.96	12.38	13.43	13.05
1989	17.66	17.89	15.96	18.31	16.29	17.89	16.09	16.61	17.06	16.72
1990	20.23	20.75	19.26	22.46	20.36	23.43	19.55	18.54	20.40	20.32
1991	18.47	18.49	15.37	20.29	14.62	20.81	14.91	15.22	16.99	16.77
1992	18.41	18.02	15.26	19.98	15.85	19.61	14.39	16.35	16.87	16.66
1993	16.23	15.87	13.74	17.79	13.77	16.64	12.46	14.21	14.78	14.65
1994	15.40	14.99	13.68	16.32	14.12	15.66	12.21	13.97	14.00	14.34
1995	16.58	16.73	15.64	17.40	W	16.94	13.86	W	15.36	16.02
1996										
January	16.95	17.73	16.52	18.63	W	W	14.12	W	15.86	16.42
February	17.91	18.09	16.59	18.53	W	W	15.22	W	16.89	16.83
March	19.78	20.02	18.39	20.44	18.29	19.42	17.78	18.62	18.77	18.77
April	20.96	22.65	19.63	21.49	W	W	17.99	W	18.75	20.20
May	19.72	20.09	17.93	20.13	W	19.02	16.35	W	17.72	18.83
June	18.60	19.49	17.05	19.25	17.96	W	16.08	17.70	17.21	17.94
July	19.72	19.72	17.85	19.90	18.48	W	16.72	18.31	17.78	18.62
August	20.33	20.79	18.89	21.13	20.16	18.82	17.35	19.98	18.99	19.55
September	22.26	22.79	20.96	22.80	20.60	W	19.66	20.72	20.57	21.44
October	23.05	23.57	22.40	24.71	W	W	20.29	W	21.85	22.59
November	22.38	23.25	20.96	24.43	21.90	22.35	19.62	22.11	21.04	21.48
December	23.22	24.56	21.83	24.39	19.24	W	20.41	19.35	21.01	22.04
1996	20.71	21.33	19.14	21.27	19.28	19.43	17.73	19.22	18.94	19.65
1997										
January	23.20	24.14	20.98	23.45	17.37	W	19.29	17.37	20.20	21.88
February	21.35	21.12	18.57	21.53	W	W	16.68	W	17.94	19.71
March	18.66	19.41	17.00	19.02	W	—	15.50	W	16.49	17.68
April	17.05	17.87	15.94	17.97	15.82	W	14.81	15.95	15.92	16.44
May	18.25	17.95	16.84	18.99	15.64	19.03	15.30	15.70	16.28	17.33
June	17.84	16.87	15.70	18.22	15.26	18.09	14.66	15.11	15.61	16.36
July	17.72	17.73	15.99	19.12	15.14	17.40	15.02	15.19	16.02	16.65
August	17.96	18.42	16.29	18.98	16.89	18.17	15.33	16.47	16.37	16.96
September	18.15	18.52	16.02	19.35	15.33	18.44	15.25	16.15	16.51	16.99
October	19.33	19.52	17.51	20.03	W	W	15.81	W	16.32	18.15
November	18.54	18.24	16.04	19.11	W	W	14.39	W	14.99	17.02
December	16.58	17.18	13.79	17.39	W	W	12.51	W	13.31	14.97
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998										
January	14.52	15.36	12.08	15.21	W	W	11.26	W	12.26	13.14
February	13.13	14.27	11.47	13.77	W	W	10.24	W	11.35	12.10
March	12.53	13.10	9.77	13.56	W	W	9.70	W	10.93	11.22
April	12.93	13.48	11.01	13.86	W	W	10.32	7.80	10.58	11.63
May	13.85	13.08	11.25	14.13	7.62	W	9.78	7.86	10.58	11.97
June	11.82	11.85	9.96	11.57	8.25	W	9.16	8.50	9.73	10.44
July	11.14	12.24	10.44	11.77	9.06	W	8.99	8.95	9.76	10.83
August	11.37	12.12	9.87	12.23	9.77	11.13	8.54	9.68	9.69	10.60
September	12.59	13.20	11.13	13.92	W	W	10.52	W	11.35	11.95
October	11.67	13.37	11.05	12.58	10.19	W	9.43	10.19	10.22	11.66
November	10.82	11.29	9.71	10.64	9.07	10.85	6.62	8.76	8.03	10.32
December	9.33	9.58	7.82	10.29	7.69	W	6.51	7.57	7.52	8.69
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^a Free on Board. See Glossary.

^b Includes Bahrain, Iran, Iraq, Kuwait, Neutral Zone, Qatar, Saudi Arabia, and United Arab Emirates.

^c Includes Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela. In addition, it included Ecuador in 1978 through 1992 and Gabon in 1978 through 1995.

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.

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								Persian Gulf ^a	Total OPEC ^b	Non OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1978	14.07	14.41	—	13.56	14.88	13.94	14.53	12.84	14.01	14.34	14.38
1979	21.06	20.22	—	20.77	22.97	18.95	22.97	17.65	20.42	21.29	22.10
1980	34.76	30.11	W	31.77	37.15	29.80	35.68	25.92	30.59	33.56	33.99
1981	36.84	32.32	—	33.70	39.66	34.20	37.29	29.91	34.61	36.60	36.14
1982	33.08	27.15	—	28.63	36.16	34.99	34.25	24.93	34.94	34.81	31.47
1983	29.31	25.63	—	25.78	30.85	29.27	30.87	22.94	29.37	29.84	28.08
1984	28.49	26.56	—	26.85	30.36	29.20	29.45	25.19	29.07	29.06	28.14
1985	27.39	25.71	—	25.63	28.96	24.72	28.36	24.43	25.50	26.86	26.53
1986	14.09	13.43	12.85	12.17	15.29	12.84	14.63	11.52	12.92	13.46	13.52
1987	18.20	17.04	18.43	16.69	19.32	16.81	18.78	15.76	17.47	17.64	17.66
1988	14.48	13.50	14.47	12.58	15.88	13.37	15.82	13.66	13.51	14.18	13.96
1989	18.36	16.81	18.10	16.35	19.19	17.34	18.74	16.78	17.37	17.78	17.54
1990	21.51	20.48	22.34	19.64	23.33	21.82	22.65	20.31	20.55	21.23	20.98
1991	19.90	17.16	19.55	15.89	21.39	17.22	21.37	15.92	17.34	18.08	17.93
1992	19.36	17.04	18.46	15.60	20.78	17.48	20.63	15.13	17.58	17.81	17.67
1993	17.40	15.27	16.54	14.11	18.73	15.40	17.92	13.39	15.26	15.68	15.78
1994	16.36	14.83	15.80	14.09	17.21	15.11	16.64	13.12	15.00	15.08	15.29
1995	17.66	16.65	17.45	16.19	18.25	16.84	17.91	14.81	16.78	16.61	16.95
1996	21.86	19.94	22.02	19.64	21.95	20.49	20.88	18.59	20.45	20.14	20.47
1996 January	18.16	16.07	18.55	16.95	19.65	17.98	18.49	15.12	17.86	17.41	17.23
February	18.82	16.33	18.82	17.07	19.47	18.76	19.39	16.02	18.81	18.06	17.58
March	20.85	18.55	20.57	18.95	21.25	19.59	19.25	18.63	19.87	19.81	19.42
April	21.41	21.10	23.37	20.23	22.32	20.55	20.76	19.14	20.48	20.26	21.11
May	20.88	20.16	21.04	18.67	21.17	19.55	21.22	17.42	19.44	19.17	19.97
June	19.62	19.20	20.08	17.75	20.11	18.92	20.40	17.14	18.79	18.64	19.00
July	20.70	19.72	20.62	18.55	20.85	19.77	19.79	17.55	19.58	19.15	19.54
August	21.58	20.44	21.47	19.51	21.95	20.70	20.56	18.22	20.52	20.16	20.44
September	23.40	21.85	23.47	21.59	23.40	21.81	21.69	20.37	21.80	21.66	22.23
October	23.94	22.53	24.42	22.84	25.57	22.91	23.12	20.89	22.77	22.78	23.30
November	23.47	21.33	23.81	21.22	25.19	22.66	24.10	20.40	22.64	22.15	22.31
December	24.48	21.32	25.20	22.06	25.42	21.93	24.23	21.23	22.04	22.22	22.73
1996	21.86	19.94	22.02	19.64	21.95	20.49	20.88	18.59	20.45	20.14	20.47
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45
1997 January	24.45	21.79	24.98	21.52	24.67	20.90	24.18	20.42	20.88	21.49	22.87
February	22.54	19.75	21.72	19.11	23.26	18.33	24.33	17.58	18.34	19.19	20.59
March	20.32	18.44	20.39	17.43	20.58	18.04	23.59	16.57	18.13	18.05	18.83
April	18.66	17.25	18.76	16.60	19.27	17.56	18.80	16.05	17.39	17.46	17.57
May	19.58	17.47	18.76	17.59	19.87	17.10	20.04	16.42	17.08	17.58	18.15
June	19.33	16.31	17.74	16.24	19.57	16.93	19.54	15.70	16.85	17.01	17.24
July	18.59	16.61	18.57	16.50	20.02	17.02	18.59	15.99	16.82	17.12	17.40
August	19.14	17.16	18.98	16.84	20.01	18.33	19.33	16.23	18.05	17.80	17.76
September	19.50	16.97	19.36	16.69	20.35	18.02	19.56	16.14	17.86	17.86	17.84
October	20.83	18.33	20.45	18.11	21.14	17.10	18.85	16.76	17.35	17.79	19.19
November	19.64	16.78	19.28	16.84	20.55	15.43	19.93	15.41	15.75	16.63	17.99
December	18.24	15.13	18.12	14.45	19.03	14.79	18.61	13.42	15.06	15.01	16.30
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22
1998 January	16.15	13.25	16.39	12.67	16.98	13.41	W	12.26	13.48	13.89	14.30
February	14.57	12.18	15.37	12.11	15.30	13.05	15.63	11.17	13.01	12.93	13.24
March	14.06	11.58	13.84	10.37	14.71	12.31	14.82	10.66	12.40	12.45	12.36
April	14.16	11.58	14.07	11.37	14.67	11.45	15.19	11.23	11.63	12.04	12.58
May	15.16	11.47	13.53	11.48	14.91	10.83	14.52	10.64	10.85	11.75	12.73
June	12.98	10.73	12.45	10.52	13.31	10.66	12.58	9.93	10.64	11.07	11.41
July	12.44	11.28	12.73	10.95	12.88	11.02	W	9.78	10.94	11.06	11.74
August	12.65	11.16	12.84	10.34	13.20	11.29	12.89	9.33	11.22	11.06	11.61
September	13.59	12.75	13.79	11.60	14.60	11.71	13.43	11.12	11.76	12.07	12.83
October	12.87	12.53	13.81	11.58	13.97	10.64	13.14	10.32	11.19	11.34	12.63
November	11.88	10.97	11.81	10.22	12.03	9.81	12.96	7.83	10.04	9.73	11.20
December	10.48	9.90	10.05	8.31	11.21	8.94	10.89	7.63	9.00	8.87	9.77
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^a Includes Bahrain, Iran, Iraq, Kuwait, Neutral Zone, Qatar, Saudi Arabia, and United Arab Emirates.

^b Includes Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela. In addition, it included Ecuador in 1978 through 1992 and Gabon in 1978 through 1995.

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

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Table 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	11.43	12.19	14.45	14.93	15.91	15.70	16.11
1995	13.35	13.93	16.14	16.19	17.25	17.30	17.32
1996							
January	13.37	13.78	16.32	17.32	18.36	18.65	W
February	14.23	14.73	17.14	18.38	18.10	19.58	W
March	15.41	16.74	19.23	19.51	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	15.97	18.12	18.22	19.21	18.91	W
July	15.44	16.41	18.79	18.86	20.09	20.29	W
August	16.18	17.08	19.81	20.11	21.08	20.29	20.89
September	17.99	19.26	21.64	21.73	22.94	W	21.56
October	18.18	20.18	22.92	22.52	24.46	W	23.70
November	17.80	18.94	21.76	22.02	23.59	23.07	W
December	18.07	19.22	22.19	21.93	24.41	24.38	24.99
1996	16.01	17.26	19.90	20.04	21.20	21.00	21.59
1997							
January	16.99	18.37	22.62	21.89	24.21	22.07	22.08
February	13.75	16.25	20.15	19.27	21.61	21.61	W
March	13.39	14.96	17.91	17.53	19.58	21.01	19.69
April	13.11	14.50	16.31	16.90	18.08	W	20.51
May	13.17	15.29	17.01	17.33	19.10	18.71	W
June	13.10	14.24	15.91	16.44	18.03	18.86	18.12
July	13.50	14.77	16.82	17.06	18.45	—	18.71
August	13.26	15.04	16.77	17.55	18.82	19.00	18.93
September	13.39	14.84	17.31	17.68	18.79	19.09	19.07
October	13.13	15.52	17.28	18.14	19.94	20.67	W
November	11.72	14.16	16.45	17.01	19.05	18.14	W
December	9.63	11.99	15.18	15.29	17.14	17.17	W
1997	13.12	14.94	17.49	17.61	19.37	19.88	19.77
1998							
January	8.33	10.13	13.32	14.32	15.30	15.36	—
February	7.39	9.41	11.83	12.98	14.11	14.82	W
March	7.50	8.68	11.82	12.32	13.44	14.02	W
April	8.08	9.42	10.77	12.55	13.58	14.19	—
May	7.37	9.29	10.12	12.69	13.71	14.29	13.72
June	7.22	8.56	10.36	10.66	12.07	12.72	11.86
July	6.99	8.90	10.07	11.28	12.36	12.71	12.89
August	6.12	8.65	9.66	11.37	12.03	12.54	12.22
September	8.12	9.91	11.98	12.78	13.38	14.20	W
October	7.66	9.53	10.57	11.78	12.99	12.36	13.55
November	4.60	7.99	9.56	10.18	11.48	11.23	11.79
December	4.55	6.71	7.86	9.03	9.93	10.03	W
1998	7.00	8.95	10.77	11.73	12.91	13.12	12.92

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.

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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
1995	14.43	14.81	16.84	17.13	17.96	18.17	17.90
1996							
January	14.41	14.81	17.62	18.12	18.80	19.22	18.47
February	15.29	15.52	17.66	18.86	18.80	20.03	19.74
March	16.57	17.52	19.84	20.30	20.54	21.63	21.48
April	17.04	18.65	21.71	20.94	22.12	21.86	22.15
May	15.97	17.39	19.92	19.90	21.01	21.48	21.57
June	16.10	16.90	19.17	19.20	20.09	20.30	20.63
July	16.63	17.28	19.70	19.75	20.66	21.02	20.96
August	17.33	18.00	20.52	20.86	21.72	21.54	21.81
September	19.12	19.91	22.55	22.38	23.33	22.93	22.54
October	19.23	20.97	23.32	23.34	24.80	24.73	24.87
November	18.99	19.57	22.43	22.95	24.10	24.61	24.37
December	19.17	19.92	22.96	22.71	24.77	25.19	25.53
1996	17.18	18.11	20.53	20.87	21.74	21.71	22.28
1997							
January	18.57	19.34	23.73	22.13	24.80	23.89	23.89
February	14.79	17.00	21.18	19.69	22.81	22.74	24.44
March	14.56	16.06	18.91	18.55	20.83	22.05	21.22
April	14.58	15.28	17.72	17.89	19.25	21.09	21.01
May	14.64	16.08	17.91	18.07	19.96	20.17	20.63
June	14.37	15.00	17.20	17.32	19.16	20.27	19.03
July	14.65	15.42	17.64	17.60	19.05	19.96	19.40
August	14.49	15.72	17.81	18.50	19.58	20.23	20.13
September	14.64	15.55	18.10	18.56	19.80	20.01	20.09
October	14.35	16.51	18.64	18.89	20.67	21.59	21.42
November	13.32	14.96	17.93	17.62	19.89	20.11	21.34
December	10.74	13.03	16.48	16.32	18.28	18.42	19.17
1997	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998							
January	9.77	11.04	14.87	14.99	16.33	17.19	17.27
February	8.64	10.02	13.58	13.91	15.11	16.01	16.39
March	8.63	9.37	13.03	13.37	14.33	15.09	14.68
April	9.23	9.96	12.18	13.07	14.51	14.91	14.88
May	8.39	9.78	11.71	12.82	14.33	14.70	14.66
June	8.26	9.28	11.46	11.62	13.06	13.42	13.06
July	8.12	9.64	11.12	11.82	13.12	13.58	14.02
August	7.21	9.49	10.97	11.91	12.81	13.50	13.51
September	9.42	10.85	12.21	12.80	13.95	15.36	14.80
October	8.95	10.60	11.82	12.16	13.58	13.21	14.66
November	5.71	8.79	10.37	10.82	12.32	12.64	12.67
December	5.65	7.71	8.94	9.84	10.62	11.24	12.24
1998	8.19	9.73	11.81	12.31	13.73	14.40	14.38

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.

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

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

(Percent by Interval)

Year Month	20.0 or Less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or Greater
1978	1.26	3.57	7.93	38.79	31.66	13.48	3.31
1979	1.65	3.96	8.45	38.98	30.64	13.36	2.96
1980	1.70	6.18	9.25	38.43	27.02	13.56	3.85
1981	2.19	8.88	9.46	37.37	26.60	12.53	2.98
1982	3.39	14.90	11.72	35.58	23.76	8.44	2.20
1983	3.91	20.40	15.14	24.95	23.63	7.74	4.23
1984	6.48	20.52	11.59	21.05	25.75	8.12	6.48
1985	7.62	20.46	11.19	27.14	24.93	4.02	4.65
1986	5.54	19.36	14.12	27.49	25.74	3.65	4.11
1987	4.04	19.68	16.88	26.91	24.79	3.87	3.85
1988	3.52	18.27	15.99	30.72	24.45	4.04	3.02
1989	2.55	14.39	16.80	36.27	23.79	3.55	2.64
1990	3.64	14.96	18.13	34.44	23.21	2.94	2.67
1991	3.76	16.02	20.79	34.84	20.94	2.11	1.55
1992	4.05	17.64	22.41	31.38	20.49	3.00	1.04
1993	4.52	18.79	19.24	32.49	20.99	2.59	1.39
1994	3.80	18.98	18.46	30.77	23.37	2.75	1.87
1995	4.52	18.38	17.04	31.51	23.81	2.98	1.76
1996							
January	4.15	22.60	17.85	28.54	23.19	2.19	1.48
February	4.52	22.26	14.69	28.79	24.96	3.51	1.27
March	3.79	19.54	19.77	31.45	22.75	1.17	1.54
April	4.56	20.86	13.84	31.67	26.91	0.96	1.20
May	4.51	18.61	15.86	32.04	24.32	3.00	1.66
June	4.29	20.45	15.33	34.01	22.65	2.29	0.98
July	6.17	18.84	13.25	33.93	24.75	2.16	0.90
August	5.23	19.66	12.44	35.69	22.73	2.57	1.69
September	3.99	21.90	13.26	36.65	21.75	0.65	1.80
October	3.92	22.24	15.65	30.63	23.84	1.09	2.62
November	5.03	22.49	13.65	31.88	23.91	2.24	0.80
December	4.63	21.77	11.45	38.24	20.65	1.68	1.59
1996	4.58	20.88	14.69	32.92	23.51	1.95	1.47
1997							
January	4.81	21.56	12.96	34.96	21.61	2.76	1.34
February	4.66	22.18	15.45	29.96	24.56	2.33	0.86
March	5.24	21.60	12.11	36.02	21.09	2.14	1.80
April	6.80	20.41	14.34	32.48	22.99	1.79	1.20
May	6.62	21.61	13.24	33.72	21.18	2.58	1.05
June	5.61	21.19	14.03	34.45	21.17	2.02	1.54
July	7.08	22.27	14.68	32.31	21.71	0.86	1.09
August	6.24	23.33	11.33	36.18	20.93	0.81	1.19
September	6.20	23.75	11.30	35.13	20.15	1.58	1.89
October	6.93	19.41	14.15	36.46	20.45	1.20	1.40
November	6.35	21.54	13.00	36.42	20.16	1.69	0.85
December	5.69	23.46	14.04	34.22	20.02	1.64	0.92
1997	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998							
January	5.17	24.45	13.19	30.90	22.30	3.08	0.91
February	5.76	22.27	14.02	29.24	24.35	2.06	2.30
March	6.88	21.12	14.05	34.06	20.89	2.10	0.89
April	6.70	21.71	17.53	30.78	20.20	1.89	1.19
May	4.87	20.34	14.47	32.73	23.37	2.28	1.95
June	5.66	20.67	14.58	36.82	20.08	0.98	1.22
July	5.91	18.04	14.65	39.69	17.80	2.19	1.70
August	5.01	19.00	13.41	39.86	18.84	1.58	2.30
September	5.87	20.51	11.47	38.97	19.75	1.55	1.89
October	6.97	18.31	11.80	38.98	21.02	1.28	1.64
November	5.68	19.24	15.59	33.25	23.69	0.63	1.90
December	5.65	18.38	13.01	41.26	17.97	2.79	0.95
1998	5.84	20.29	13.99	35.62	20.81	1.88	1.57

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.

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

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

Year Quarter Month	Angolan Cabinda	Canadian Bow River	Canadian Lloydminster	Ecuadorian Oriente	Gabon Rabi-Kouanga
1978 Average	13.32	—	—	12.87	—
1979 Average	20.35	—	—	27.59	—
1980 Average	33.24	—	W	34.51	—
1981 Average	35.55	W	W	32.66	—
1982 Average	31.86	W	W	32.36	—
1983 Average	28.14	W	24.54	28.22	—
1984 Average	27.58	W	24.70	28.16	—
1985 Average	26.30	24.55	23.79	26.12	—
1986 Average	13.39	11.47	12.77	13.32	—
1987 Average	17.31	15.63	15.12	16.53	—
1988 Average	14.52	11.82	11.28	12.96	—
1989 Average	17.15	14.94	W	16.26	—
1990 Average	W	18.57	18.50	W	—
1991 Average	W	13.44	13.51	16.04	18.21
1992 Average	18.46	14.04	W	17.60	19.01
1993 Average	15.65	12.76	W	14.57	16.56
1994 Average	15.15	12.86	W	13.70	15.67
1995 Average	16.37	14.70	14.44	16.29	17.08
1996 Average	20.44	18.19	17.14	18.84	20.97
1997					
January	W	W	18.06	W	23.45
February	W	16.71	16.01	W	19.86
March	17.71	W	14.69	W	W
1st Quarter					
Average	19.51	17.27	16.39	W	21.59
April	W	15.29	14.14	W	17.19
May	17.79	15.20	14.51	W	W
June	W	14.42	13.41	W	W
2nd Quarter					
Average	17.10	14.96	14.06	W	17.57
July	17.35	14.37	13.79	W	18.06
August	17.54	14.97	14.47	W	W
September	17.65	14.70	14.21	—	W
3rd Quarter					
Average	17.51	14.71	14.17	W	18.09
October	18.90	15.68	15.17	W	W
November	18.08	W	13.51	W	19.06
December	16.24	W	11.31	—	16.33
4th Quarter					
Average	17.89	14.73	13.03	W	18.07
1997 Average	17.93	15.37	14.29	17.95	18.75
1998					
January	13.79	W	10.13	W	14.84
February	12.98	W	9.19	W	13.38
March	12.04	W	9.02	W	12.90
1st Quarter					
Average	12.76	W	9.49	W	13.63
April	12.56	W	8.67	W	12.85
May	13.33	W	8.33	W	13.89
June	11.11	W	7.80	W	10.85
2nd Quarter					
Average	12.26	W	8.31	W	12.71
July	10.91	W	9.21	W	11.63
August	10.87	W	8.85	W	11.56
September	W	W	10.65	—	13.51
3rd Quarter					
Average	11.29	W	9.57	W	12.28
October	11.35	W	10.70	W	11.74
November	10.13	W	9.31	—	10.26
December	9.12	W	7.62	—	9.65
4th Quarter					
Average	10.06	W	9.32	W	10.56
1998 Average	11.59	W	9.18	11.56	12.44

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	Mexican Mayan	Mexican Olmeca	Nigerian Forcados Blend	Venezuelan Furrial	Venezuelan Leona
1978 Average	—	—	—	—	—
1979 Average	21.50	—	—	—	—
1980 Average	28.73	—	—	—	—
1981 Average	30.82	—	38.19	—	32.94
1982 Average	25.29	—	34.78	—	W
1983 Average	23.99	—	29.55	—	W
1984 Average	25.35	—	29.04	—	—
1985 Average	24.23	—	27.78	—	W
1986 Average	10.93	—	14.32	—	11.14
1987 Average	15.72	—	18.97	—	16.27
1988 Average	11.26	13.63	14.63	—	13.95
1989 Average	14.71	18.69	17.87	W	16.01
1990 Average	17.29	23.64	21.47	22.48	20.44
1991 Average	13.02	20.08	20.09	16.84	15.80
1992 Average	13.42	19.55	19.90	16.09	15.65
1993 Average	12.03	16.98	17.81	13.78	12.97
1994 Average	12.39	16.03	16.52	14.08	12.00
1995 Average	14.37	17.32	17.43	15.98	13.58
1996 Average	17.43	21.56	21.45	20.42	17.13
1997					
January	18.47	24.61	24.58	22.97	W
February	15.97	22.26	22.74	19.29	15.89
March	14.89	19.87	W	17.31	W
1st Quarter					
Average	16.51	22.34	22.66	19.81	W
April	14.49	18.40	W	16.73	W
May	15.34	19.40	19.06	16.98	W
June	14.12	17.76	W	16.08	W
2nd Quarter					
Average	14.65	18.50	18.27	16.60	W
July	14.43	18.36	19.28	16.53	W
August	14.97	18.74	W	16.86	15.27
September	14.87	18.58	W	W	W
3rd Quarter					
Average	14.77	18.55	19.32	17.05	15.51
October	15.93	20.06	W	18.44	W
November	14.42	19.00	W	W	W
December	11.49	17.26	W	W	12.20
4th Quarter					
Average	14.02	18.80	18.67	17.07	13.01
1997 Average	14.97	19.67	19.68	17.73	14.76
1998					
January	9.70	15.51	W	W	10.90
February	9.06	14.46	W	W	9.69
March	7.79	13.41	W	W	9.83
1st Quarter					
Average	8.82	14.54	W	W	10.23
April	9.29	13.78	13.62	12.01	10.27
May	9.31	14.12	14.22	11.36	W
June	8.47	12.36	11.41	10.67	W
2nd Quarter					
Average	9.03	13.46	13.11	11.35	10.02
July	9.16	12.70	W	10.80	8.51
August	8.46	12.24	W	W	8.40
September	9.57	13.82	W	W	W
3rd Quarter					
Average	9.07	12.93	W	11.05	9.02
October	9.60	13.11	W	W	W
November	8.21	11.66	W	W	W
December	6.37	10.14	—	W	W
4th Quarter					
Average	7.91	11.59	W	W	W
1998 Average	8.75	13.14	13.39	11.54	8.96

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.

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	Angolan Cabinda	Canadian Bow River Heavy	Canadian Lloydminster	Ecuadorian Oriente	Gabon Rabi-Kouanga	Mexican Mayan	Mexican Olmeca
1978 Average	14.07	—	—	13.85	—	—	—
1979 Average	21.51	—	—	29.17	—	22.23	—
1980 Average	34.68	—	W	34.61	—	29.49	—
1981 Average	36.84	W	W	33.56	—	31.52	—
1982 Average	33.08	28.94	W	32.97	—	25.86	—
1983 Average	29.31	25.62	25.27	28.90	—	24.56	—
1984 Average	28.63	25.46	25.35	28.79	—	25.84	—
1985 Average	27.48	25.42	24.38	26.97	—	24.57	—
1986 Average	14.27	12.71	13.52	14.39	—	11.24	—
1987 Average	18.43	16.49	15.98	17.60	—	16.03	—
1988 Average	14.96	12.68	12.21	13.77	—	11.65	14.07
1989 Average	18.15	15.99	15.36	17.69	—	15.14	19.09
1990 Average	20.01	19.32	19.55	21.63	—	17.75	23.78
1991 Average	18.31	14.31	14.63	17.52	19.51	13.62	20.45
1992 Average	19.59	15.01	W	18.52	19.70	13.80	19.91
1993 Average	16.95	13.56	13.65	15.79	17.51	12.45	17.43
1994 Average	16.07	13.90	13.58	15.24	16.73	12.79	16.54
1995 Average	17.31	15.77	15.56	16.84	18.15	14.88	17.80
1996 Average	21.56	19.18	18.50	19.91	21.79	17.95	21.89
1997							
January	23.98	20.83	19.55	24.63	24.60	19.10	25.13
February	21.33	18.73	17.84	20.28	20.97	16.56	22.63
March	19.46	17.33	16.23	18.31	W	15.49	20.20
1st Quarter							
Average	21.80	18.80	17.96	20.67	22.45	17.04	22.65
April	17.72	16.04	15.43	17.71	18.41	15.14	18.98
May	19.00	16.21	15.66	17.41	W	15.97	19.88
June	W	15.45	14.78	17.30	W	14.78	18.29
2nd Quarter							
Average	18.35	15.93	15.31	17.45	18.85	15.30	19.06
July	18.26	15.50	15.14	15.97	19.49	15.00	18.83
August	18.65	16.05	15.61	16.75	W	15.53	19.18
September	18.96	16.01	15.39	16.05	W	15.36	19.05
3rd Quarter							
Average	18.61	15.87	15.38	16.28	19.42	15.31	19.02
October	20.20	16.66	16.26	18.52	20.48	16.56	20.50
November	19.30	15.48	15.06	18.25	20.59	15.18	19.42
December	17.90	13.77	12.72	15.77	17.83	12.17	17.71
4th Quarter							
Average	19.18	15.18	14.41	17.88	19.59	14.76	19.26
1997 Average	19.47	16.46	15.72	18.06	20.07	15.57	20.05
1998							
January	15.18	11.86	11.36	14.31	16.34	10.37	16.01
February	14.25	10.79	10.17	13.97	14.77	9.66	14.88
March	13.29	10.51	10.15	11.94	14.44	8.21	13.77
1st Quarter							
Average	14.04	11.14	10.59	13.35	15.12	9.40	14.94
April	13.81	10.25	9.65	12.14	14.28	9.63	14.18
May	14.17	10.34	9.42	10.54	15.11	9.61	14.38
June	12.46	9.54	9.02	10.74	12.27	8.84	12.79
2nd Quarter							
Average	13.39	9.98	9.41	11.03	13.99	9.39	13.81
July	12.18	10.00	10.00	10.63	12.67	9.53	13.03
August	12.09	10.39	9.74	10.93	12.70	8.87	12.61
September	12.77	11.11	11.29	11.71	14.43	9.93	14.01
3rd Quarter							
Average	12.36	10.49	10.33	10.99	13.24	9.47	13.25
October	12.78	11.15	11.57	12.99	12.75	10.02	13.58
November	11.54	10.36	10.24	10.38	11.31	8.53	12.18
December	10.08	9.01	8.55	W	10.67	6.73	10.44
4th Quarter							
Average	11.51	10.05	10.23	11.51	11.52	8.30	12.00
1998 Average	12.69	10.41	10.15	11.55	13.65	9.21	13.58

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 Bonny Light	Nigerian Forcados Blend	Saudi Arabian Light	Saudi Arabian Medium	United Kingdom Brent	Venezuelan Furrial	Venezuelan Leona
1978 Average	15.04	—	14.04	—	—	—	—
1979 Average	27.11	—	19.18	—	23.26	—	—
1980 Average	38.58	—	29.57	—	34.57	—	—
1981 Average	39.25	40.15	34.32	32.74	37.58	—	33.60
1982 Average	36.45	35.57	35.65	32.56	34.53	—	W
1983 Average	31.06	30.46	30.95	29.16	31.26	—	W
1984 Average	30.46	30.11	30.61	29.09	29.89	—	—
1985 Average	28.98	28.65	25.35	W	28.49	—	W
1986 Average	15.00	14.52	13.06	W	14.64	—	11.80
1987 Average	19.26	19.65	17.88	W	18.71	—	16.81
1988 Average	16.02	15.41	14.04	13.05	15.84	—	14.50
1989 Average	19.38	18.86	17.96	16.83	18.83	16.78	16.68
1990 Average	23.21	22.71	22.49	20.98	24.40	23.26	21.28
1991 Average	21.57	21.13	18.49	17.04	21.65	17.69	16.40
1992 Average	20.85	20.67	18.54	17.14	20.68	16.80	16.21
1993 Average	18.75	18.65	16.62	14.86	18.02	14.71	13.76
1994 Average	17.23	17.32	15.83	14.81	16.65	14.95	12.81
1995 Average	18.35	18.19	17.17	16.54	17.96	16.78	14.40
1996 Average	21.69	21.89	20.86	20.12	20.94	21.18	17.99
1997							
January	W	25.76	21.87	20.05	24.80	23.89	W
February	W	23.96	18.89	17.81	24.33	20.11	16.70
March	W	20.12	18.64	17.39	23.59	18.18	W
1st Quarter							
Average	W	23.79	19.84	18.65	24.39	20.72	W
April	W	19.10	17.82	17.10	19.40	17.59	W
May	19.74	19.98	17.69	16.57	20.01	17.98	W
June	W	19.14	17.42	16.64	19.63	17.15	W
2nd Quarter							
Average	19.79	19.40	17.66	16.76	19.67	17.58	W
July	—	19.95	17.27	16.67	18.73	17.26	W
August	W	20.06	18.70	18.09	19.44	17.56	16.12
September	21.06	20.30	18.30	17.80	19.40	18.36	W
3rd Quarter							
Average	20.88	20.13	18.05	17.54	19.18	17.70	16.38
October	W	20.67	18.13	16.84	W	19.21	W
November	W	20.37	16.68	14.90	W	17.95	W
December	—	19.14	15.73	14.18	W	W	13.18
4th Quarter							
Average	20.61	19.98	16.63	15.38	19.50	17.86	14.02
1997 Average	21.21	20.67	18.11	17.10	20.85	18.59	15.83
1998							
January	W	16.76	14.64	12.69	W	14.62	11.82
February	16.84	15.35	14.04	12.56	W	W	10.53
March	14.37	14.82	12.84	12.10	15.27	W	10.81
1st Quarter							
Average	15.62	15.53	13.77	12.46	15.71	13.83	11.15
April	15.13	14.55	13.33	11.05	15.20	12.80	11.16
May	15.07	15.18	12.58	10.68	14.18	11.97	W
June	13.42	13.16	11.22	10.57	W	11.29	W
2nd Quarter							
Average	14.77	14.31	12.44	10.75	14.37	12.02	10.80
July	W	12.49	12.09	10.85	W	11.54	9.29
August	13.47	12.95	11.46	11.44	13.17	W	9.16
September	14.57	14.48	12.84	11.20	13.52	W	W
3rd Quarter							
Average	13.75	13.13	12.15	11.17	13.33	11.75	9.80
October	W	14.20	12.63	9.72	13.42	W	W
November	11.90	11.68	11.59	9.37	13.37	W	W
December	11.03	W	9.68	8.83	W	W	W
4th Quarter							
Average	11.82	12.98	11.00	9.26	13.13	W	W
1998 Average	13.62	14.35	12.36	10.86	13.94	12.24	9.79

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

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

Prices of Petroleum Products

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
January	68.4	68.0	63.0	52.6	50.6	55.3	77.1	76.6	69.4	57.1	W	63.2
February	64.7	64.5	59.0	51.3	48.7	53.1	73.6	73.2	65.0	55.4	W	60.2
March	61.9	61.8	55.7	48.9	46.3	50.6	70.7	70.3	61.7	52.9	W	57.2
April	63.5	63.4	57.8	52.1	48.5	53.1	71.9	71.6	63.7	56.1	W	59.8
May	66.6	66.4	61.5	54.7	49.6	55.8	75.0	74.6	67.5	58.6	W	63.0
June	65.8	65.6	60.1	52.0	46.7	53.4	74.6	74.0	66.3	55.9	W	61.0
July	64.6	64.3	58.4	50.4	45.8	52.0	73.5	73.0	64.9	54.2	W	59.5
August	61.8	61.5	55.7	45.8	42.1	48.2	71.2	70.7	62.3	49.8	W	56.0
September	60.5	60.3	55.3	46.7	42.3	48.6	69.8	69.4	61.7	50.7	W	56.0
October	61.1	60.8	55.7	48.1	43.7	49.8	70.4	70.0	62.3	52.6	NA	57.3
November	58.3	58.0	52.8	42.3	39.4	45.1	68.1	67.6	60.0	46.7	W	53.2
December	53.8	53.4	49.0	36.7	34.3	40.0	63.8	63.3	56.5	41.1	W	48.6
1998 Average	62.5	62.3	57.0	48.4	45.1	50.4	71.6	71.1	63.4	52.6	NA	57.9
PAD District I												
January	67.1	66.8	61.9	53.0	51.2	55.8	76.6	76.0	68.4	56.9	—	62.6
February	62.9	62.6	58.1	51.0	49.0	53.1	72.3	71.9	64.4	54.9	—	59.6
March	59.8	59.5	54.8	48.5	46.5	50.6	69.3	68.9	61.2	52.4	—	56.7
April	60.5	60.3	56.1	51.1	48.8	52.6	69.8	69.5	62.4	55.1	—	58.7
May	62.1	62.0	57.8	52.8	49.3	54.2	71.3	70.9	64.0	56.9	—	60.4
June	62.1	61.8	56.8	50.2	45.7	51.8	71.4	70.8	63.3	54.4	—	58.7
July	60.9	60.5	55.5	47.7	44.6	50.0	70.4	69.7	62.3	52.0	—	57.0
August	58.6	58.2	53.2	43.7	41.8	46.8	68.5	68.0	60.1	47.9	—	53.8
September	57.1	56.8	52.6	45.1	42.6	47.5	66.9	66.5	59.4	49.0	—	54.1
October	58.6	58.3	53.7	47.5	44.3	49.4	68.2	67.9	60.5	51.8	—	56.1
November	57.0	56.6	50.7	41.6	39.7	44.6	66.7	66.1	58.2	45.7	—	52.0
December	52.6	52.1	46.7	35.8	33.3	39.4	62.6	62.0	54.2	40.0	—	47.0
1998 Average	59.9	59.6	54.7	47.3	44.6	49.6	69.4	68.9	61.5	51.4	—	56.4
Subdistrict IA												
January	74.4	73.7	66.3	57.9	53.3	60.7	84.4	83.2	74.2	61.6	—	68.6
February	69.8	69.2	62.4	56.0	50.9	57.1	80.0	79.1	70.2	59.9	—	65.6
March	64.8	64.2	58.0	53.6	47.7	54.9	75.2	74.4	65.5	57.3	—	61.9
April	64.3	63.9	58.2	55.1	49.5	55.8	74.4	73.7	65.3	58.8	—	62.6
May	65.7	65.3	60.7	56.0	48.8	57.1	75.2	74.4	67.3	59.8	—	64.2
June	66.0	65.5	59.3	54.1	46.7	55.2	75.9	75.0	66.4	58.2	—	63.0
July	65.0	64.4	58.5	49.1	44.1	51.4	74.8	73.7	66.0	53.1	—	60.2
August	62.6	62.1	55.7	46.3	43.7	49.8	73.0	72.0	63.4	50.3	—	57.5
September	60.9	60.5	55.2	47.6	44.6	50.9	71.4	70.6	62.4	51.4	—	57.6
October	62.6	62.2	56.9	49.2	44.9	51.8	72.6	71.8	63.9	53.1	—	59.3
November	61.7	61.1	54.7	45.9	42.6	49.0	71.8	71.1	62.6	49.3	—	57.1
December	59.1	58.3	49.9	39.4	NA	43.7	69.5	68.7	58.8	43.3	—	52.2
1998 Average	64.6	64.1	57.9	50.7	46.3	53.0	74.7	73.8	65.4	54.6	—	60.8
Connecticut												
January	72.7	72.3	65.1	58.6	53.3	61.0	82.5	80.5	73.2	62.6	—	68.9
February	68.6	68.3	61.3	56.7	W	56.7	78.1	76.8	69.2	61.6	—	66.0
March	64.0	63.7	57.4	54.8	47.5	54.7	74.3	72.7	65.2	59.2	—	62.7
April	63.6	63.4	57.8	55.0	48.7	55.6	73.4	72.2	65.3	59.7	—	63.0
May	64.2	64.0	62.2	55.7	W	57.5	73.8	72.5	67.6	60.6	—	64.8
June	65.0	64.6	58.4	53.9	48.0	55.2	75.8	74.1	65.3	59.0	—	62.7
July	64.0	63.7	59.9	48.7	44.6	52.5	72.7	70.7	65.9	52.7	—	60.2
August	59.8	59.5	57.1	45.9	W	51.2	70.5	69.0	62.8	50.2	—	57.6
September	57.9	57.7	56.0	47.3	NA	51.8	69.3	67.6	61.8	51.6	—	57.4
October	61.0	60.7	57.2	49.1	W	52.7	71.6	69.9	63.3	53.2	—	59.0
November	61.3	61.0	54.6	45.6	W	49.9	71.5	69.6	61.4	50.1	—	57.1
December	58.7	58.3	50.8	39.3	35.5	44.6	69.9	67.5	58.0	44.6	—	52.5
1998 Average	63.3	63.0	58.0	50.7	47.4	53.6	73.5	71.8	64.8	55.2	—	60.8

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
January	85.3	84.5	76.4	61.7	54.7	67.3	72.1	71.7	66.6	54.4	50.9	58.0
February	81.8	81.0	71.8	60.2	51.0	64.6	68.5	68.2	62.4	53.1	48.9	55.6
March	78.8	78.1	68.3	57.8	48.9	61.5	65.7	65.4	59.1	50.7	46.6	53.0
April	80.2	79.5	70.2	61.1	52.9	64.1	67.2	66.9	61.1	53.9	48.9	55.5
May	82.9	82.1	73.6	63.8	55.2	67.1	70.2	69.9	64.7	56.5	50.1	58.3
June	82.4	81.5	72.5	61.2	52.4	65.2	69.6	69.1	63.5	53.8	47.2	56.0
July	81.4	80.6	70.9	59.6	51.7	63.7	68.4	68.0	61.9	52.2	46.2	54.7
August	78.6	77.7	68.6	55.3	48.8	60.2	65.8	65.3	59.3	47.8	42.8	51.0
September	77.5	76.7	67.9	55.9	47.4	60.1	64.5	64.1	58.8	48.6	42.8	51.3
October	78.5	77.6	68.6	57.8	48.9	61.6	65.2	64.8	59.3	50.1	44.2	52.6
November	75.9	75.0	66.1	51.5	43.3	56.7	62.5	62.1	56.6	44.3	39.8	47.9
December	71.4	70.4	62.5	45.7	37.0	51.7	58.1	57.6	52.9	38.7	34.6	42.9
1998 Average	79.4	78.6	69.7	57.4	49.1	61.8	66.4	66.0	60.5	50.3	45.5	53.0
PAD District I												
January	85.1	84.1	75.5	62.0	53.9	67.7	71.8	71.3	66.1	55.1	51.5	59.0
February	80.9	79.9	71.2	59.8	50.3	64.3	67.6	67.3	62.2	53.0	49.2	56.1
March	77.8	77.0	67.7	57.4	48.6	61.4	64.6	64.3	58.9	50.7	47.0	53.6
April	78.7	77.8	68.8	60.2	52.2	63.7	65.3	65.0	60.1	53.2	49.3	55.6
May	79.9	78.9	70.3	62.4	54.2	65.4	66.9	66.6	61.7	55.1	50.1	57.2
June	79.9	79.0	69.5	59.9	51.8	63.6	66.8	66.5	60.9	52.5	46.6	55.0
July	78.7	77.8	68.4	57.6	50.5	62.2	65.8	65.3	59.7	50.1	45.2	53.3
August	76.7	75.8	66.5	53.7	47.6	59.3	63.6	63.2	57.5	46.2	42.4	50.2
September	75.4	74.6	65.5	54.6	48.6	59.3	62.2	61.9	56.8	47.4	43.4	50.7
October	76.7	75.8	66.4	57.1	49.5	61.0	63.6	63.2	57.8	49.8	45.1	52.6
November	75.1	74.1	63.9	50.7	43.4	56.4	62.1	61.6	55.1	43.9	40.2	47.9
December	70.8	69.5	60.2	44.8	35.5	51.5	57.9	57.3	51.1	38.1	33.5	42.9
1998 Average	77.8	76.8	67.7	56.5	49.2	61.2	64.8	64.4	58.9	49.5	45.3	52.8
Subdistrict IA												
January	92.7	90.5	78.5	65.9	55.2	70.5	78.4	77.5	69.5	59.5	53.7	63.1
February	88.4	86.3	74.1	63.5	W	67.8	73.8	73.1	65.5	57.5	50.9	59.4
March	83.6	81.9	70.1	61.4	W	65.6	68.8	68.2	61.1	55.2	47.8	57.3
April	82.9	81.5	70.2	62.7	W	66.0	68.3	67.8	61.3	56.7	49.6	58.2
May	83.9	82.5	72.3	64.3	W	67.8	69.6	69.1	63.6	57.8	49.5	59.6
June	84.4	82.8	71.3	62.3	W	66.3	70.1	69.4	62.4	55.9	47.1	57.7
July	83.5	81.8	70.5	58.0	52.1	63.4	69.2	68.5	61.7	51.2	44.6	54.1
August	81.5	79.8	68.3	55.2	48.9	60.7	67.0	66.3	59.0	48.3	44.4	52.5
September	79.7	78.3	67.9	56.4	W	61.6	65.3	64.7	58.4	49.5	45.2	53.5
October	81.2	78.7	69.0	57.8	W	62.8	66.8	66.1	60.0	51.1	45.4	54.3
November	80.4	78.7	67.1	54.2	W	60.1	65.9	65.2	58.0	47.7	42.9	51.6
December	77.7	75.8	62.8	47.6	36.3	53.9	63.4	62.5	53.3	41.2	34.8	46.3
1998 Average	83.1	81.3	70.0	58.8	50.3	63.7	68.7	68.1	61.0	52.5	46.6	55.6
Connecticut												
January	92.8	91.6	79.2	68.6	W	70.6	77.2	76.6	68.6	60.8	53.7	63.6
February	88.1	87.1	75.1	65.8	W	68.8	73.1	72.6	64.8	58.8	50.8	59.4
March	83.9	83.1	71.2	63.5	W	66.5	68.7	68.2	60.9	56.8	47.7	57.4
April	83.3	82.3	71.3	63.9	W	66.1	68.2	67.8	61.2	57.0	49.1	58.3
May	83.9	83.1	73.6	65.1	W	67.5	68.8	68.4	64.9	57.8	50.8	60.1
June	84.7	83.7	72.1	63.4	W	65.5	69.8	69.2	61.7	56.1	49.4	57.8
July	83.5	82.3	72.2	58.5	W	63.2	68.6	68.0	62.8	51.0	45.6	55.2
August	79.7	78.7	68.9	55.6	W	60.8	64.8	64.4	59.9	48.2	45.1	53.7
September	78.1	77.3	69.3	57.1	W	61.6	63.0	62.6	59.0	49.6	W	54.4
October	80.6	79.5	69.7	58.9	W	62.2	65.9	65.4	60.3	51.4	W	55.4
November	81.3	80.1	68.2	55.2	—	61.9	66.3	65.7	57.8	47.9	W	52.8
December	79.1	78.0	64.9	48.7	W	53.7	64.0	63.2	54.2	41.6	34.9	47.2
1998 Average	82.9	81.9	71.2	59.9	W	63.8	68.1	67.5	61.2	52.8	48.0	56.2

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Maine												
January	77.7	77.4	64.7	57.3	W	58.6	88.3	87.0	70.6	60.4	—	63.7
February	72.9	72.5	61.3	55.6	W	55.9	83.8	82.9	67.2	58.4	—	61.0
March	67.7	67.4	58.3	54.1	W	54.0	78.8	77.9	64.4	56.5	—	59.0
April	68.1	67.9	59.8	55.2	W	56.2	78.9	78.0	65.7	58.0	—	60.4
May	70.6	70.4	61.4	56.3	W	55.5	81.0	79.8	67.0	59.6	—	61.9
June	71.4	71.1	59.7	54.2	W	54.0	81.8	80.4	67.1	56.5	—	60.7
July	70.0	69.7	59.1	49.4	W	51.1	80.7	79.3	67.0	53.0	—	58.0
August	67.6	67.4	55.8	46.6	W	47.5	78.6	77.3	63.3	50.5	—	55.2
September	66.3	66.1	55.9	48.1	—	50.4	76.8	76.4	62.9	51.9	—	56.2
October	67.2	67.0	58.0	50.0	W	51.1	77.8	77.2	64.2	53.9	—	57.9
November	65.0	64.8	55.0	46.1	W	47.3	76.1	75.4	62.2	49.4	—	54.4
December	61.5	61.2	48.3	39.9	—	42.2	72.1	71.4	56.0	42.5	—	47.3
1998 Average	68.8	68.5	58.0	50.9	45.6	51.8	79.5	78.5	64.8	54.2	—	57.9
Massachusetts												
January	74.9	73.5	67.2	58.2	53.3	61.2	85.2	83.9	75.6	61.9	—	70.0
February	70.3	69.1	63.3	56.3	W	57.9	80.9	79.9	71.6	60.2	—	67.1
March	64.8	63.7	58.3	53.6	W	55.4	75.5	74.9	66.2	57.1	—	62.6
April	63.4	62.6	57.8	55.9	W	56.2	73.8	73.2	65.5	59.5	—	63.3
May	64.0	63.3	59.4	56.7	49.8	57.3	74.0	73.3	67.2	60.2	—	64.6
June	63.8	63.0	59.5	55.3	46.5	55.6	73.8	73.2	67.0	59.9	—	64.5
July	63.0	62.0	57.1	49.1	43.2	50.1	73.4	72.6	66.1	53.3	—	61.2
August	61.2	60.3	54.5	46.4	NA	50.2	72.1	71.0	64.1	50.4	—	58.6
September	59.6	58.8	54.3	47.4	43.7	50.5	70.3	69.8	63.0	51.0	—	58.3
October	61.2	60.5	56.1	48.7	45.0	51.0	71.3	70.8	64.5	52.5	—	60.0
November	60.6	59.4	54.3	45.6	43.5	48.6	70.8	70.7	63.6	49.0	—	58.0
December	58.5	57.0	49.5	39.4	NA	43.4	68.8	68.7	60.1	43.2	—	53.7
1998 Average	63.6	62.6	57.5	51.0	45.9	53.0	74.0	73.3	66.2	54.9	—	61.9
New Hampshire												
January	74.3	74.0	67.9	59.6	W	64.1	84.1	83.9	74.6	62.6	—	71.4
February	69.0	68.8	63.6	57.6	W	56.7	79.3	79.4	70.4	62.4	—	68.2
March	64.0	63.9	59.0	56.2	—	58.0	74.7	74.5	65.2	58.0	—	63.7
April	64.9	64.6	59.7	56.3	—	58.5	75.4	75.3	65.6	58.3	—	63.9
May	67.3	67.2	62.0	57.9	—	60.5	77.4	77.3	68.1	60.4	—	66.6
June	67.3	67.0	60.1	55.0	W	56.1	77.3	77.2	66.3	57.5	—	64.2
July	66.0	65.9	59.1	48.9	—	55.3	76.2	76.0	64.9	51.6	—	62.0
August	63.7	63.6	56.2	46.4	W	NA	74.1	73.9	62.1	48.5	—	58.8
September	62.8	62.7	56.3	47.4	W	51.1	73.2	73.1	62.3	50.6	—	58.5
October	63.9	63.9	58.2	48.9	W	52.5	74.1	74.1	64.1	52.4	—	60.5
November	62.7	62.6	56.2	45.4	—	51.6	73.1	72.7	62.6	48.3	—	58.4
December	60.2	60.0	50.7	38.8	—	45.6	70.4	70.1	58.0	41.4	—	53.1
1998 Average	65.4	65.3	58.9	50.7	W	54.4	75.7	75.6	65.3	53.6	—	62.2
Rhode Island												
January	68.9	68.7	65.9	56.6	W	58.8	79.0	78.8	72.9	60.3	—	66.2
February	64.8	64.7	60.6	53.9	W	55.4	74.5	74.4	67.5	57.1	—	62.1
March	60.3	60.2	55.4	50.7	—	52.1	69.7	69.7	61.8	54.1	—	57.7
April	59.3	59.2	55.3	52.3	W	52.3	68.8	68.9	61.7	55.8	—	58.5
May	61.2	61.1	58.2	53.9	—	55.2	70.3	70.4	64.3	57.4	—	60.6
June	61.4	61.3	58.6	50.8	—	53.0	70.8	70.7	65.0	54.5	—	59.0
July	60.6	60.5	57.4	49.6	W	51.0	70.2	70.0	63.8	53.5	—	57.6
August	58.4	58.2	54.4	46.0	—	48.5	67.9	67.6	61.0	49.9	—	54.6
September	56.0	55.9	51.8	47.8	—	49.0	65.8	65.6	58.1	51.7	—	54.7
October	57.3	57.2	54.0	50.0	—	51.3	66.8	66.7	60.5	53.3	—	56.8
November	56.7	56.6	54.5	47.0	W	48.6	66.3	66.0	61.3	48.2	—	54.5
December	54.0	53.8	50.3	38.6	NA	42.0	64.3	64.0	56.9	42.0	—	49.4
1998 Average	59.8	59.7	56.2	49.7	47.6	51.4	69.4	69.2	62.8	53.1	—	57.6

See footnotes at end of table.

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

Geographic Area Month	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
Maine												
January	96.6	95.6	75.9	65.0	W	65.5	81.2	80.7	66.8	58.5	W	59.9
February	92.7	91.4	72.0	62.6	—	65.0	76.4	76.0	63.3	56.8	W	57.4
March	87.7	86.7	68.7	61.5	—	63.4	71.2	70.8	60.2	55.2	W	55.4
April	87.9	87.1	71.3	62.8	—	65.2	71.5	71.2	61.8	56.4	W	57.6
May	90.1	89.2	72.8	65.1	—	67.1	73.9	73.6	63.4	57.7	W	57.2
June	91.1	89.9	72.4	62.4	—	65.5	75.0	74.5	62.2	55.5	W	55.8
July	90.2	88.7	71.3	58.2	W	60.6	73.9	73.5	61.9	51.0	W	53.0
August	87.9	86.7	68.9	55.7	W	58.2	71.7	71.3	58.6	48.3	W	49.5
September	86.8	85.7	69.1	56.9	—	60.7	70.2	69.9	58.6	49.6	—	52.3
October	87.5	86.7	69.8	58.5	—	61.9	71.0	70.7	60.3	51.4	W	53.0
November	85.0	84.2	67.2	53.9	—	57.8	68.8	68.5	57.5	47.4	W	49.0
December	81.2	80.4	59.9	46.9	—	50.6	65.2	64.8	50.6	41.0	—	43.7
1998 Average	88.6	87.6	69.9	58.9	W	61.6	72.4	72.1	60.3	52.3	46.0	53.5
Massachusetts												
January	92.5	88.5	78.2	64.9	W	71.4	79.0	77.4	70.5	59.7	53.8	63.8
February	88.4	84.7	73.8	63.1	W	67.6	74.6	73.2	66.5	57.8	W	60.3
March	83.2	80.2	69.4	60.9	—	65.8	69.1	67.9	61.6	55.2	W	58.0
April	81.7	79.5	69.2	62.5	W	66.1	67.7	66.8	61.1	57.5	50.3	58.7
May	82.0	79.9	71.2	64.1	—	68.0	68.3	67.4	62.8	58.5	49.8	60.0
June	82.2	79.8	70.4	62.2	—	66.8	68.2	67.2	62.7	57.1	46.5	58.4
July	81.2	78.8	69.1	57.3	W	63.8	67.5	66.3	60.8	51.2	43.2	53.1
August	80.1	77.3	67.6	54.6	50.5	60.9	65.9	64.8	58.4	48.5	NA	53.2
September	78.1	76.0	66.9	55.6	W	61.4	64.2	63.3	57.9	49.4	43.9	53.4
October	79.4	74.9	68.1	56.7	—	62.9	65.6	64.3	59.5	50.6	45.0	53.8
November	78.8	75.9	66.1	53.8	W	59.3	65.0	63.7	57.8	47.7	43.8	51.4
December	76.6	73.3	61.8	47.5	W	54.5	63.0	61.4	53.2	41.4	NA	46.4
1998 Average	81.7	78.9	69.2	58.3	50.0	63.9	68.0	66.8	61.0	52.8	46.1	55.8
New Hampshire												
January	93.0	92.8	80.4	66.3	—	76.1	77.9	77.7	70.6	60.7	W	66.5
February	88.2	88.1	76.0	63.3	—	71.5	72.7	72.6	66.4	58.7	W	59.0
March	83.7	83.3	71.7	61.5	—	68.4	67.7	67.6	61.8	57.1	—	60.2
April	84.2	84.2	71.8	62.6	—	68.8	68.6	68.3	62.3	57.4	—	60.6
May	86.5	86.3	74.2	64.7	—	71.3	71.0	70.8	64.8	59.1	—	62.9
June	86.1	85.8	72.4	62.1	—	69.1	71.1	70.8	63.0	56.3	W	58.6
July	84.9	84.6	71.1	55.9	—	66.2	69.9	69.7	62.0	50.2	—	57.9
August	82.7	82.7	68.4	54.5	—	63.8	67.7	67.6	59.2	47.8	W	52.1
September	82.2	82.1	68.5	55.4	—	63.4	66.8	66.7	59.2	48.9	W	53.4
October	83.5	83.5	70.6	56.6	—	65.6	67.8	67.8	61.0	50.3	W	54.8
November	81.9	81.8	68.3	52.7	—	62.4	66.6	66.5	58.9	46.7	—	54.0
December	78.5	78.5	62.7	46.0	—	56.3	64.0	63.8	53.4	40.0	—	48.0
1998 Average	84.4	84.3	71.1	57.6	—	66.5	69.2	69.1	61.7	51.9	W	56.8
Rhode Island												
January	86.4	85.9	78.8	64.9	—	69.8	72.8	72.7	69.5	58.3	W	61.4
February	82.3	82.0	73.6	62.0	—	66.1	68.7	68.6	64.2	55.6	W	57.7
March	78.1	77.5	68.3	59.2	—	62.3	64.2	64.1	58.9	52.5	—	54.6
April	77.1	76.7	68.3	60.9	—	63.5	63.3	63.2	58.8	54.2	W	54.6
May	78.3	78.0	71.3	62.8	W	65.3	65.0	65.0	61.7	55.8	W	57.7
June	78.6	78.2	71.6	60.3	—	64.0	65.3	65.2	62.1	52.9	—	55.7
July	78.2	77.7	70.5	59.1	—	62.7	64.7	64.6	61.1	51.9	W	53.8
August	76.6	76.2	67.5	55.8	—	59.6	62.6	62.4	58.1	48.3	—	51.4
September	74.5	74.2	64.8	57.2	—	59.8	60.2	60.2	55.3	49.9	—	51.7
October	75.4	75.1	67.1	58.8	—	61.8	61.4	61.3	57.6	51.9	—	53.9
November	74.8	74.5	67.7	53.9	—	58.6	60.8	60.6	58.2	48.5	W	51.1
December	72.2	71.7	63.4	47.1	—	52.9	58.2	58.0	53.9	40.5	NA	44.8
1998 Average	77.5	77.2	69.2	58.3	W	62.0	63.8	63.7	59.8	51.6	47.7	53.9

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	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
Vermont												
January	72.7	72.4	66.8	55.3	—	63.1	82.2	81.6	74.5	59.9	—	69.7
February	67.4	67.2	62.4	51.6	—	59.3	77.6	76.7	70.2	55.7	—	66.0
March	63.7	63.7	59.1	48.0	—	56.1	73.4	73.0	67.7	52.1	—	63.6
April	64.9	64.9	60.5	51.2	—	58.0	74.4	73.5	68.0	56.0	—	65.1
May	67.0	66.9	62.1	52.8	—	59.5	76.0	75.5	69.5	57.3	—	66.3
June	67.2	67.3	61.0	51.0	—	58.1	76.4	75.6	69.2	55.1	—	65.0
July	66.0	66.0	59.4	49.5	—	56.3	75.3	74.1	68.2	53.7	—	63.5
August	64.1	63.9	57.7	46.4	—	54.0	73.1	72.6	65.9	50.6	—	61.3
September	62.4	62.7	57.9	47.6	—	54.7	71.6	71.1	66.1	51.8	—	61.9
October	64.2	64.4	59.3	50.3	—	56.5	73.2	72.7	67.4	53.9	—	63.6
November	62.7	62.9	56.6	45.2	—	52.9	71.5	71.2	65.1	50.1	—	60.9
December	59.6	59.7	50.5	38.5	—	46.8	68.6	67.8	60.4	42.5	—	55.4
1998 Average	65.1	65.1	59.4	48.8	—	56.2	74.4	73.8	67.6	53.2	—	63.5
Subdistrict IB												
January	69.1	68.7	63.7	54.7	51.0	57.2	77.7	77.1	70.2	59.1	—	66.1
February	63.7	63.6	59.4	52.2	48.3	53.9	72.4	72.0	66.0	56.5	—	62.4
March	59.8	59.8	55.5	49.6	46.3	51.3	68.5	68.3	62.4	54.1	—	59.2
April	60.6	60.6	57.0	51.6	48.7	53.0	69.4	69.2	63.4	56.1	—	60.7
May	62.5	62.5	58.9	53.3	49.4	54.4	71.2	71.0	65.3	57.7	—	62.4
June	62.8	62.7	58.6	51.2	45.5	52.2	71.7	71.1	65.0	55.9	—	61.4
July	61.6	61.3	57.4	48.0	44.9	50.7	70.6	69.9	63.8	52.7	—	59.2
August	59.7	59.4	55.5	44.8	41.4	47.7	69.2	68.6	62.2	49.3	—	57.0
September	58.2	58.1	54.2	46.0	42.5	48.1	67.6	67.2	61.0	50.3	—	56.8
October	59.3	59.2	55.3	48.0	44.1	49.9	68.5	68.2	61.6	52.8	—	58.3
November	57.9	57.7	53.4	43.7	39.1	45.8	66.5	66.0	60.0	48.5	—	55.7
December	53.0	52.7	49.2	37.2	32.9	40.6	62.1	61.5	56.4	42.2	—	51.1
1998 Average	60.6	60.5	56.5	48.3	44.3	50.3	69.5	69.1	63.1	52.9	—	59.2
Delaware												
January	70.7	70.3	61.7	55.0	—	57.6	81.3	80.7	67.6	58.5	—	63.1
February	65.4	65.0	57.4	52.9	—	54.8	77.2	76.5	63.3	56.5	—	60.2
March	61.1	60.9	53.6	49.0	—	51.0	73.0	72.4	59.6	53.3	—	56.8
April	60.5	60.5	54.6	50.1	—	51.9	72.3	71.7	61.8	54.2	—	58.1
May	61.1	61.2	56.3	50.7	—	52.8	73.0	72.3	63.3	55.3	—	59.1
June	61.5	61.3	56.3	49.3	—	51.9	72.9	72.3	63.2	53.6	—	57.9
July	60.4	60.2	54.7	47.2	—	50.1	71.8	70.9	61.6	51.4	—	56.0
August	58.5	58.0	52.5	44.2	—	47.4	70.6	69.9	59.6	48.4	—	53.5
September	57.1	56.8	51.4	45.1	—	47.6	69.2	68.3	58.3	48.7	—	53.1
October	58.4	58.2	54.4	47.8	—	50.5	69.6	68.9	61.2	51.4	—	56.1
November	58.1	57.5	53.4	44.9	—	48.8	69.1	68.2	60.4	48.4	—	54.7
December	53.7	53.0	49.3	38.5	—	43.4	64.5	63.6	56.5	42.1	—	49.5
1998 Average	60.4	60.1	54.6	48.0	—	50.7	71.9	71.1	61.4	51.8	—	56.5
District of Columbia												
January	W	65.7	69.2	—	—	69.2	W	76.7	73.8	—	—	73.8
February	W	62.8	64.9	—	—	64.9	W	73.6	NA	—	—	NA
March	W	60.6	61.2	—	—	61.2	W	69.2	NA	—	—	NA
April	W	61.4	61.9	—	—	61.9	W	70.7	NA	—	—	NA
May	W	62.7	63.6	—	—	63.6	W	71.6	NA	—	—	NA
June	W	61.5	63.4	—	—	63.4	W	70.5	NA	—	—	NA
July	W	59.2	62.9	—	—	62.9	W	69.6	NA	—	—	NA
August	W	57.7	61.9	—	—	61.9	W	68.9	NA	—	—	NA
September	W	56.2	60.1	—	—	60.1	W	67.8	NA	—	—	NA
October	W	56.9	60.3	—	—	60.3	W	68.4	NA	—	—	NA
November	W	53.6	58.3	—	—	58.3	W	64.7	NA	—	—	NA
December	W	49.3	55.5	—	—	55.5	W	59.9	NA	—	—	NA
1998 Average	W	59.0	62.0	—	—	62.0	W	69.3	66.7	—	—	66.7

See footnotes at end of table.

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

Geographic Area Month	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
Vermont												
January	90.4	89.6	78.5	64.9	—	74.5	76.3	76.0	69.4	57.1	—	65.4
February	85.9	85.0	73.8	60.6	—	70.3	71.2	70.9	64.9	53.3	—	61.7
March	81.5	81.2	71.9	57.4	—	68.2	67.1	67.1	61.9	49.7	—	58.6
April	82.8	82.5	73.1	60.7	—	70.3	68.2	68.0	63.0	52.8	—	60.3
May	84.6	84.0	74.6	62.6	—	71.5	70.3	70.1	64.7	54.6	—	61.9
June	84.6	83.9	73.7	60.3	—	70.0	70.5	70.4	63.7	52.8	—	60.5
July	83.7	83.1	72.0	59.2	—	68.3	69.5	69.2	62.3	51.3	—	58.9
August	81.5	81.1	70.0	55.5	—	65.8	67.5	67.3	60.6	48.2	—	56.6
September	79.9	79.7	70.4	56.7	—	66.5	65.9	66.0	60.6	49.3	—	57.2
October	81.5	81.1	72.1	59.4	—	68.5	67.6	67.6	62.0	51.9	—	58.9
November	79.6	79.3	69.0	53.7	—	64.6	66.0	66.0	59.3	46.8	—	55.4
December	74.6	74.5	62.9	47.1	—	58.5	63.1	63.0	53.4	40.1	—	49.4
1998 Average	82.3	82.0	71.7	58.0	—	67.9	68.5	68.4	62.1	50.5	—	58.7
Subdistrict IB												
January	86.7	85.8	78.1	63.6	53.9	70.7	73.5	73.0	68.5	56.7	51.3	60.8
February	81.7	81.0	73.8	60.6	50.4	66.4	68.2	67.9	64.3	54.1	48.6	57.3
March	77.8	77.1	69.8	58.1	48.6	62.5	64.3	64.1	60.4	51.6	46.9	54.7
April	78.5	77.8	70.8	60.3	52.2	64.9	65.0	64.9	61.6	53.6	49.3	56.3
May	79.8	79.3	72.8	62.4	54.0	66.5	66.9	66.7	63.5	55.4	50.2	57.7
June	80.1	79.4	72.4	60.6	51.5	65.1	67.2	66.9	63.3	53.4	46.5	55.8
July	79.0	78.2	71.3	57.6	49.7	64.3	66.1	65.7	62.2	50.3	45.4	54.5
August	77.5	76.7	69.7	54.4	47.3	61.9	64.4	64.0	60.4	47.1	42.1	51.6
September	76.3	75.6	68.3	55.4	48.5	61.5	63.0	62.7	59.1	48.2	43.3	51.8
October	76.9	76.3	69.2	57.4	49.3	62.6	63.9	63.7	60.0	50.2	45.0	53.5
November	75.5	74.6	67.5	52.4	42.9	59.2	62.5	62.1	58.3	45.8	39.6	49.5
December	71.2	70.3	64.0	45.6	35.6	54.9	57.8	57.4	54.4	39.3	33.2	44.7
1998 Average	78.2	77.5	70.5	57.2	49.1	63.3	65.2	64.9	61.3	50.4	45.0	54.0
Delaware												
January	90.1	88.8	75.0	63.9	—	68.4	75.3	74.6	65.0	56.9	—	60.2
February	85.0	83.8	70.7	61.3	—	65.6	70.1	69.5	60.6	54.7	—	57.3
March	80.8	79.7	66.9	58.3	—	62.3	65.9	65.4	56.7	51.0	—	53.7
April	80.1	79.4	68.9	59.5	—	63.6	65.3	65.0	58.2	52.1	—	54.7
May	81.4	80.5	70.7	60.8	—	64.9	66.1	65.9	59.8	52.8	—	55.5
June	81.6	80.6	70.6	59.4	—	63.9	66.3	65.9	59.9	51.4	—	54.7
July	80.2	79.3	69.0	56.9	—	61.7	65.6	65.1	58.4	49.4	—	52.9
August	78.8	77.8	66.9	54.0	—	59.0	63.7	63.1	56.1	46.5	—	50.2
September	77.9	77.1	65.6	54.5	—	59.1	62.4	61.8	55.0	47.2	—	50.4
October	78.3	77.5	68.3	56.9	—	61.8	63.3	62.9	57.9	49.8	—	53.2
November	77.6	76.4	67.6	53.7	—	60.2	62.9	62.2	57.0	46.9	—	51.6
December	73.6	72.3	63.5	46.8	—	54.4	58.6	57.7	52.9	40.5	—	46.2
1998 Average	80.1	79.1	68.5	57.2	—	62.0	65.3	64.8	58.1	50.0	—	53.4
District of Columbia												
January	W	80.9	77.4	—	—	77.4	W	71.2	73.8	—	—	73.8
February	W	76.3	NA	—	—	NA	W	68.0	69.8	—	—	69.8
March	W	74.1	NA	—	—	NA	W	65.3	66.1	—	—	66.1
April	W	75.5	NA	—	—	NA	W	66.7	66.8	—	—	66.8
May	W	76.6	NA	—	—	NA	W	67.9	68.5	—	—	68.5
June	W	75.6	NA	—	—	NA	W	66.9	68.4	—	—	68.4
July	W	73.7	NA	—	—	NA	W	64.9	67.8	—	—	67.8
August	W	73.6	NA	W	—	NA	W	63.7	NA	W	—	NA
September	W	72.5	NA	—	—	NA	W	62.2	65.0	—	—	65.0
October	W	72.2	NA	—	—	NA	W	62.7	NA	—	—	NA
November	W	68.2	NA	—	—	NA	W	59.5	NA	—	—	NA
December	W	64.5	NA	—	—	NA	W	55.3	60.9	—	—	60.9
1998 Average	W	73.5	70.7	W	—	70.7	W	64.5	66.9	W	—	66.9

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	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
Maryland												
January	71.4	70.1	65.5	53.6	W	61.0	79.8	77.5	71.1	57.2	—	67.4
February	68.1	66.7	61.5	51.5	W	57.7	76.3	74.1	67.0	55.0	—	63.7
March	64.4	63.2	58.2	49.7	W	54.7	73.2	71.4	63.7	54.1	—	60.7
April	64.4	63.5	58.9	52.9	W	56.5	72.9	71.7	64.5	57.4	—	62.3
May	66.1	65.1	60.0	54.5	W	57.6	74.6	73.0	65.9	58.9	—	63.7
June	66.2	65.0	60.2	51.6	W	56.4	74.9	72.8	65.9	56.4	—	62.9
July	65.0	63.8	59.4	49.8	—	55.4	73.7	71.6	65.2	54.7	—	61.8
August	61.8	60.7	57.4	45.0	W	52.0	71.4	69.0	63.5	49.5	—	58.9
September	59.9	58.8	55.7	45.6	—	51.5	69.5	67.9	61.8	49.7	—	58.1
October	60.2	59.4	56.1	48.7	—	53.1	70.0	68.6	62.0	53.6	—	59.5
November	57.4	56.5	54.3	43.0	W	49.5	67.4	65.9	60.6	47.7	—	56.9
December	52.4	51.3	50.7	37.6	34.1	45.3	62.7	60.9	57.4	42.5	—	53.2
1998 Average	63.0	61.9	58.1	48.5	45.2	54.2	72.0	70.3	64.0	53.1	—	60.7
New Jersey												
January	71.5	71.7	66.9	58.3	51.2	56.9	82.6	82.6	73.1	63.8	—	70.1
February	66.5	66.8	62.1	55.0	48.9	53.8	76.9	77.3	68.6	60.2	—	65.6
March	62.4	62.7	57.7	51.9	46.6	51.5	72.4	72.7	64.1	56.9	—	61.5
April	62.5	63.0	59.0	52.7	49.0	52.6	73.3	73.7	65.0	58.2	—	62.6
May	63.6	64.0	61.0	54.4	49.4	53.5	74.3	74.5	66.9	60.0	—	64.5
June	64.3	64.5	60.5	52.8	45.4	50.2	75.0	75.2	66.2	58.3	—	63.3
July	63.6	63.7	59.3	48.3	45.3	49.8	74.5	74.5	64.9	54.1	—	60.4
August	62.5	62.5	58.0	46.0	41.5	46.4	73.8	73.6	63.6	51.7	—	58.8
September	61.4	61.5	57.0	47.4	42.4	47.1	72.5	72.6	62.7	52.7	—	58.8
October	62.1	62.4	58.0	48.9	44.0	48.9	73.0	73.3	63.5	54.1	—	60.1
November	62.2	62.1	56.8	45.3	39.2	44.3	72.8	72.7	62.7	50.0	—	58.0
December	59.8	59.4	53.8	39.3	32.8	40.1	71.0	70.4	60.1	44.3	—	54.4
1998 Average	63.5	63.7	59.1	49.9	44.4	49.4	74.3	74.4	65.1	55.1	—	61.4
New York												
January	72.3	71.4	66.6	55.5	52.1	59.6	81.4	79.6	74.7	59.9	—	70.0
February	67.2	66.6	62.3	52.8	48.1	55.8	77.1	75.4	70.5	57.0	—	66.2
March	62.2	61.8	57.6	49.5	46.8	52.5	72.2	70.9	66.0	53.7	—	62.0
April	62.4	62.1	58.9	51.3	48.6	54.1	72.2	71.0	66.7	55.2	—	63.1
May	63.4	63.2	59.5	53.2	49.3	55.1	72.6	71.7	67.9	57.1	—	64.0
June	63.5	63.1	58.5	51.2	47.0	53.7	73.1	71.6	66.6	55.5	—	62.8
July	62.5	61.8	57.6	48.4	43.3	51.6	71.9	70.4	65.7	52.4	—	60.7
August	60.9	60.0	55.4	44.9	42.0	49.0	70.5	68.5	64.0	48.9	—	58.8
September	59.7	59.1	54.4	46.3	44.0	49.4	69.6	67.9	63.0	50.0	—	58.6
October	60.9	60.5	56.0	48.3	45.5	51.2	70.5	69.0	64.2	53.1	—	60.6
November	60.4	59.7	54.5	44.4	39.6	48.0	69.8	67.9	62.7	49.6	—	58.8
December	56.8	56.0	50.0	37.5	NA	42.5	66.8	64.7	59.5	43.6	—	54.8
1998 Average	62.6	62.0	57.4	48.6	45.3	51.8	72.2	70.6	65.9	53.0	—	61.6
Pennsylvania												
January	65.7	65.5	57.6	52.8	48.8	54.1	74.4	74.3	63.2	57.5	—	60.4
February	59.7	59.8	53.7	50.4	45.7	51.1	68.5	68.5	59.2	55.1	—	57.1
March	56.7	56.8	50.7	48.6	44.6	49.1	65.3	65.4	57.1	52.9	—	55.1
April	58.3	58.4	53.2	51.1	46.9	51.5	66.7	66.7	58.7	55.1	—	57.0
May	61.0	61.2	56.3	52.8	49.4	53.7	69.4	69.4	61.3	56.6	—	59.1
June	61.6	61.6	56.2	50.6	45.0	52.0	70.0	69.6	61.3	55.0	—	58.1
July	59.9	59.8	54.3	47.2	43.6	49.2	68.6	68.2	59.5	51.3	—	55.4
August	57.8	57.8	52.3	44.1	40.6	46.5	67.2	67.1	58.1	48.0	—	53.1
September	56.1	56.3	50.7	45.3	42.4	46.8	65.4	65.3	57.0	49.3	—	53.2
October	57.3	57.4	51.7	47.2	43.7	48.5	66.5	66.5	57.0	51.8	—	54.5
November	55.0	55.1	48.5	42.6	37.8	44.1	63.4	63.5	54.2	47.4	—	50.9
December	48.7	48.8	42.9	35.8	32.7	37.7	58.0	58.0	49.1	40.6	—	44.9
1998 Average	58.1	58.2	52.4	47.3	43.2	48.7	66.8	66.8	58.0	51.8	—	55.0

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
Maryland												
January	85.9	84.1	75.1	62.4	—	71.4	75.4	73.9	68.9	55.8	W	64.4
February	82.6	80.7	71.2	60.1	—	68.1	72.1	70.5	64.9	53.6	W	61.1
March	79.7	77.4	67.7	58.9	—	65.0	68.5	67.1	61.6	52.1	W	58.0
April	79.0	77.1	68.5	62.6	—	66.7	68.4	67.5	62.3	55.5	W	59.8
May	81.2	79.6	70.0	64.4	W	67.8	70.2	69.2	63.5	57.1	W	61.0
June	81.4	79.2	70.1	61.6	W	67.1	70.4	69.1	63.7	54.2	W	59.9
July	80.3	78.2	69.4	59.9	—	66.2	69.3	68.0	63.0	52.6	—	59.0
August	77.7	75.6	67.7	55.1	—	63.5	66.4	65.1	61.1	47.7	W	55.8
September	75.8	73.9	66.0	55.0	W	62.1	64.6	63.4	59.4	48.0	W	55.1
October	76.2	74.5	66.8	58.8	—	64.3	64.9	63.9	59.8	51.3	—	56.7
November	73.4	71.8	64.9	52.6	—	61.1	62.2	61.0	58.1	45.5	W	53.4
December	68.6	66.8	61.7	47.2	W	56.8	57.3	55.9	54.7	40.2	34.9	49.3
1998 Average	78.2	76.3	68.2	58.1	48.0	64.9	67.3	66.1	61.7	51.1	45.9	57.7
New Jersey												
January	90.4	90.3	80.6	65.9	55.2	71.9	77.5	77.6	71.8	60.7	51.6	60.6
February	85.3	85.4	76.0	62.2	51.2	67.2	72.5	72.7	67.1	57.2	49.1	57.2
March	81.4	81.4	71.5	59.4	48.4	62.9	68.4	68.6	62.6	54.1	46.9	54.8
April	81.7	81.8	72.6	60.9	52.1	65.8	68.7	69.0	63.9	55.1	49.3	55.8
May	82.9	83.0	74.5	63.2	53.4	66.0	69.8	70.1	65.9	57.0	49.9	56.9
June	83.2	83.1	73.9	61.5	50.9	63.4	70.4	70.5	65.4	55.4	46.1	53.7
July	82.7	82.5	72.9	57.8	49.6	64.6	69.9	69.9	64.3	51.2	45.6	53.6
August	81.7	81.5	71.7	55.7	47.1	61.9	69.0	68.8	63.0	49.0	42.0	50.2
September	80.9	80.8	70.6	56.6	48.8	61.8	67.9	67.9	62.0	50.1	43.0	50.8
October	81.4	81.4	71.4	57.3	49.6	62.9	68.5	68.7	62.9	51.4	44.6	52.7
November	80.9	80.7	70.4	52.3	41.9	58.6	68.4	68.3	61.8	47.5	39.5	47.9
December	78.9	78.4	67.8	45.8	36.4	56.1	66.3	65.7	59.0	41.3	33.1	44.3
1998 Average	82.5	82.4	72.8	58.0	48.9	63.5	69.7	69.8	64.1	52.3	44.9	53.1
New York												
January	88.2	86.8	81.9	64.5	56.6	74.8	76.4	75.2	72.6	57.3	53.3	64.3
February	84.3	83.0	77.8	61.3	51.8	69.7	71.6	70.7	68.5	54.5	49.3	60.2
March	79.2	77.9	73.2	57.9	49.3	63.9	66.6	65.9	63.9	51.3	48.4	56.6
April	79.5	78.2	74.0	59.7	54.1	67.0	66.8	66.1	64.8	53.0	51.3	58.3
May	79.6	78.6	75.4	62.0	54.4	68.6	67.6	67.1	65.7	55.1	50.8	59.3
June	79.8	78.7	74.3	60.3	53.2	67.7	67.7	67.0	64.7	53.2	49.0	58.1
July	78.9	77.6	73.4	57.3	50.4	66.4	66.9	65.9	63.8	50.4	44.8	56.2
August	77.3	76.1	71.7	53.8	48.2	64.2	65.3	64.2	61.7	47.0	43.4	53.8
September	77.1	75.8	70.5	55.2	49.6	63.9	64.3	63.4	60.6	48.3	45.6	53.9
October	77.6	76.5	71.6	57.6	49.9	64.3	65.3	64.6	62.0	50.3	47.8	55.5
November	76.6	75.3	69.9	53.1	47.1	62.9	64.7	63.7	60.6	46.3	41.4	52.7
December	73.7	72.1	66.4	47.3	40.7	59.0	61.3	60.2	56.6	39.7	NA	47.7
1998 Average	79.2	77.9	73.2	57.3	51.0	65.9	66.9	66.1	63.6	50.5	47.3	56.3
Pennsylvania												
January	83.3	82.6	69.7	61.4	50.6	63.4	69.8	69.5	60.6	54.6	49.2	56.4
February	76.9	76.5	65.5	58.9	47.6	60.1	63.8	63.8	56.7	52.2	46.1	53.3
March	74.1	73.8	62.8	57.0	46.7	58.4	60.8	60.8	53.8	50.4	45.1	51.4
April	75.8	75.4	64.6	59.7	50.5	60.2	62.2	62.3	56.1	52.9	48.0	53.6
May	78.1	77.8	68.0	61.5	55.5	63.5	65.0	65.0	59.2	54.5	50.7	55.9
June	78.5	78.1	68.2	60.0	52.4	62.5	65.5	65.4	59.3	52.5	46.7	54.5
July	76.6	76.2	66.4	56.9	49.4	59.9	64.0	63.8	57.5	49.2	44.9	51.8
August	75.3	74.9	64.3	53.8	47.6	57.5	62.2	62.1	55.5	46.0	42.0	49.2
September	73.3	73.0	62.4	54.8	47.2	57.2	60.4	60.5	53.9	47.2	43.3	49.3
October	74.0	73.7	63.3	56.9	47.7	58.6	61.5	61.5	54.8	49.2	44.8	51.0
November	72.1	71.6	60.4	51.6	42.6	53.6	59.3	59.3	51.7	44.5	39.3	46.7
December	66.0	65.7	55.2	43.6	32.3	47.0	53.2	53.2	46.4	37.6	32.7	40.1
1998 Average	75.1	74.7	64.2	56.1	47.6	58.4	62.2	62.2	55.5	49.2	44.2	51.1

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Subdistrict IC												
January	64.6	64.3	58.0	50.9	49.7	53.0	74.9	74.4	64.9	55.3	—	59.1
February	61.1	60.8	54.8	49.1	47.6	50.8	71.1	70.8	61.3	53.5	—	56.7
March	58.8	58.5	52.7	46.8	46.0	48.6	68.8	68.4	58.9	51.1	—	54.2
April	59.6	59.4	54.5	49.9	NA	51.4	69.4	69.1	60.7	54.2	—	56.8
May	61.2	61.0	55.5	51.7	50.0	53.0	70.7	70.4	61.9	56.1	—	58.4
June	60.8	60.5	54.0	48.7	45.4	50.3	70.5	70.0	60.9	53.2	—	56.4
July	59.6	59.2	52.3	47.0	44.8	48.7	69.6	69.1	59.8	51.5	—	54.9
August	57.0	56.7	49.9	42.4	40.7	44.9	67.5	67.0	57.2	46.9	—	51.1
September	55.7	55.4	50.1	43.9	NA	45.9	66.0	65.6	57.0	48.1	—	51.7
October	57.3	57.0	50.9	46.7	NA	48.1	67.4	67.1	58.4	51.2	—	54.1
November	55.5	55.0	46.7	39.4	40.1	41.9	65.9	65.4	55.4	44.1	—	48.7
December	51.0	50.5	43.1	34.2	NA	37.2	61.7	61.2	51.1	38.7	—	43.7
1998 Average	58.5	58.2	51.7	45.9	43.7	47.7	68.5	68.1	58.9	50.3	—	53.8
Florida												
January	66.2	65.5	59.1	50.9	49.8	53.1	76.9	76.3	66.6	54.9	—	59.8
February	62.9	62.3	54.0	48.9	48.5	50.4	73.2	72.5	60.7	53.1	—	56.4
March	60.4	59.9	51.4	46.6	W	48.0	70.9	70.2	58.0	50.7	—	53.7
April	61.5	60.9	51.5	49.4	W	50.1	71.7	71.0	59.6	53.4	—	56.0
May	63.6	63.0	54.1	51.4	NA	52.2	72.9	72.1	60.9	55.5	—	57.7
June	63.2	62.5	53.8	48.4	NA	50.1	73.0	71.9	61.0	52.6	—	56.1
July	62.1	61.4	53.0	46.7	NA	48.6	72.5	71.4	60.5	51.0	—	54.9
August	59.4	58.7	50.5	41.9	41.2	44.4	70.5	69.5	58.1	46.1	—	51.2
September	57.8	57.2	48.8	43.7	W	45.1	68.9	68.0	56.6	47.5	—	51.3
October	58.9	58.3	51.3	46.7	NA	48.1	70.1	69.3	58.8	50.7	—	54.1
November	57.3	56.7	49.6	39.6	41.0	42.4	68.9	67.7	57.6	43.8	—	49.7
December	53.3	52.6	46.0	34.1	NA	37.3	65.2	64.2	54.2	38.4	—	44.9
1998 Average	60.5	59.9	52.0	45.7	43.7	47.5	71.2	70.3	59.4	49.9	—	53.9
Georgia												
January	60.7	61.1	55.0	50.4	W	51.7	69.9	70.1	59.7	55.6	—	57.4
February	57.1	57.4	53.1	48.4	—	49.8	66.7	67.4	57.8	53.7	—	55.5
March	55.5	55.7	52.4	46.3	—	48.2	65.1	65.4	56.7	51.1	—	53.6
April	55.8	56.1	53.6	49.4	—	50.7	65.0	65.6	58.2	54.2	—	56.1
May	56.6	57.1	54.3	51.2	W	52.2	66.1	66.6	58.9	56.3	—	57.5
June	57.6	57.9	51.9	48.5	—	49.6	67.3	67.4	57.2	53.4	—	55.3
July	55.9	56.1	49.2	47.0	W	47.5	65.7	66.0	55.0	51.7	—	53.3
August	53.3	53.3	46.5	42.3	—	43.6	63.2	63.5	52.3	47.1	—	49.6
September	52.6	52.7	49.7	43.7	W	45.6	62.6	63.1	54.4	48.2	—	51.2
October	55.5	55.5	49.4	46.2	—	47.2	64.5	64.7	54.6	51.2	—	52.8
November	53.5	53.4	NA	38.7	W	41.1	63.6	63.5	NA	43.8	—	47.4
December	49.3	48.9	40.4	33.6	34.3	35.7	59.8	59.1	46.3	38.5	—	41.9
1998 Average	55.3	55.4	50.0	45.5	42.1	46.9	64.9	65.1	55.2	50.4	—	52.6
North Carolina												
January	64.8	64.3	57.9	50.9	50.9	52.6	75.4	74.7	65.9	55.5	—	58.5
February	60.7	60.4	55.4	49.1	W	50.7	71.2	70.6	63.3	53.6	—	56.5
March	57.4	57.1	52.8	46.8	W	48.3	67.6	67.0	60.7	51.2	—	54.0
April	57.9	57.7	55.4	49.9	—	51.8	68.0	67.6	62.6	54.5	—	57.0
May	59.6	59.3	55.2	51.6	W	52.8	69.7	69.2	64.0	56.2	—	58.6
June	58.6	58.2	53.0	48.4	44.6	49.7	68.8	68.3	62.8	53.1	—	56.2
July	57.9	57.3	50.9	46.8	W	48.1	68.1	67.5	61.9	51.5	—	54.8
August	55.9	55.3	48.1	42.2	W	44.2	66.4	65.9	58.4	47.0	—	50.6
September	54.5	53.9	47.7	43.8	W	45.1	64.5	64.1	58.0	48.3	—	51.2
October	56.2	55.5	47.4	46.6	—	46.9	66.3	66.0	59.8	51.2	—	53.7
November	53.9	53.0	41.7	39.3	W	40.1	64.3	64.0	54.7	44.0	—	47.1
December	48.7	47.9	39.6	33.9	33.4	35.9	58.8	58.6	49.6	38.4	—	41.8
1998 Average	57.1	56.6	49.9	45.7	45.4	47.1	67.3	66.8	60.2	50.3	—	53.3

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Subdistrict IC												
January	83.3	82.4	71.3	60.5	52.1	64.4	69.8	69.4	62.2	53.3	50.1	56.2
February	79.6	78.6	67.1	58.7	49.5	61.7	66.3	65.9	58.7	51.5	48.1	53.9
March	77.1	76.3	64.4	56.4	W	59.4	64.0	63.6	56.5	49.3	46.3	51.7
April	78.2	77.3	66.1	59.7	53.3	62.2	64.8	64.5	58.2	52.4	49.1	54.4
May	79.3	78.3	67.0	62.0	53.9	63.9	66.3	66.1	59.2	54.3	50.6	56.0
June	79.2	78.3	65.8	59.0	W	61.6	66.0	65.7	57.9	51.4	46.4	53.6
July	77.9	77.1	64.4	57.5	52.3	60.1	64.9	64.5	56.4	49.8	46.0	52.0
August	75.6	74.7	62.3	53.0	W	56.6	62.5	62.1	54.0	45.1	41.0	48.3
September	74.3	73.5	61.7	53.9	49.9	56.9	61.2	60.9	53.9	46.5	43.1	49.1
October	76.0	75.1	62.6	56.9	49.7	59.1	62.7	62.4	54.8	49.4	NA	51.3
November	74.2	73.2	59.1	49.3	W	53.2	61.1	60.6	50.9	42.1	40.6	45.3
December	69.6	68.4	55.5	43.9	33.9	48.3	56.8	56.2	47.3	36.8	NA	40.5
1998 Average	76.8	75.9	63.7	55.7	49.3	58.8	63.8	63.5	55.7	48.4	44.6	50.9
Florida												
January	84.5	83.2	73.3	60.6	W	65.7	71.5	70.9	64.8	53.3	50.0	57.0
February	80.8	79.5	67.5	58.8	W	62.3	68.1	67.5	59.3	51.5	48.5	54.2
March	78.4	77.3	64.4	56.2	—	59.9	65.7	65.2	56.6	49.1	W	51.7
April	79.2	78.1	66.1	59.1	W	62.2	66.8	66.2	57.4	51.9	W	53.9
May	80.4	79.2	67.4	61.6	W	64.2	68.7	68.0	59.5	54.1	W	56.1
June	80.9	79.5	67.5	58.8	W	62.4	68.4	67.7	59.4	51.2	W	54.1
July	79.4	78.1	66.5	57.3	W	61.3	67.4	66.6	58.6	49.6	W	52.8
August	77.2	76.0	64.5	52.4	—	57.8	64.9	64.2	56.3	44.7	41.2	48.7
September	75.8	74.6	62.9	53.8	W	57.7	63.5	62.8	54.7	46.3	43.3	49.2
October	77.2	76.0	65.0	56.8	W	60.2	64.6	64.0	56.9	49.3	W	51.9
November	75.6	74.4	63.7	49.4	W	55.6	63.2	62.5	55.5	42.3	41.4	46.7
December	71.7	70.3	60.2	44.0	NA	50.8	59.3	58.5	52.0	36.8	NA	41.7
1998 Average	78.3	77.1	65.7	55.6	49.6	60.0	66.0	65.3	57.6	48.3	45.1	51.5
Georgia												
January	79.0	79.0	66.9	59.9	—	62.3	65.4	65.8	58.2	52.7	W	54.5
February	75.4	74.9	64.5	58.2	—	60.4	61.9	62.5	56.4	50.8	—	52.6
March	73.4	73.5	63.5	55.6	—	58.4	60.4	60.8	55.6	48.6	—	51.0
April	74.1	74.3	65.0	59.2	—	61.2	60.6	61.2	56.8	51.8	—	53.5
May	75.1	74.5	65.7	61.6	—	63.1	61.6	62.2	57.6	53.8	W	55.1
June	76.1	76.0	63.4	58.9	W	60.6	62.7	63.1	55.4	51.1	W	52.6
July	74.3	74.8	60.9	57.6	—	58.8	61.0	61.5	52.8	49.6	W	50.6
August	71.7	71.6	58.4	53.0	—	55.0	58.4	58.8	50.2	44.9	—	46.7
September	71.3	71.6	60.7	53.7	—	56.3	57.9	58.4	53.1	46.2	W	48.6
October	73.4	73.5	61.1	56.3	—	58.1	60.4	60.7	52.8	48.8	—	50.2
November	72.3	71.9	NA	48.4	—	51.9	58.9	59.0	NA	41.3	W	44.1
December	68.0	66.4	52.8	43.0	—	46.6	54.8	54.5	44.3	36.1	34.3	38.8
1998 Average	73.5	73.4	61.5	55.3	W	57.5	60.3	60.7	53.4	47.9	42.5	49.8
North Carolina												
January	84.7	83.9	71.0	60.8	—	63.3	70.6	69.9	61.7	53.5	50.9	55.5
February	80.4	79.7	68.6	58.9	W	61.1	66.5	66.0	59.1	51.7	W	53.6
March	77.0	76.3	65.2	56.6	—	58.8	63.1	62.6	56.5	49.4	W	51.2
April	78.2	77.0	65.5	60.1	—	62.0	63.8	63.3	58.3	52.6	—	54.5
May	79.5	78.5	65.2	62.2	W	63.3	65.4	64.9	58.2	54.4	48.9	55.7
June	78.5	77.3	62.7	59.0	—	60.3	64.4	63.8	56.2	51.2	44.6	52.6
July	77.8	76.4	61.7	57.5	W	58.8	63.8	63.0	54.6	49.7	46.0	51.3
August	75.3	74.0	58.6	53.1	—	55.0	61.8	61.0	51.5	45.1	W	47.3
September	73.9	72.7	57.9	54.1	—	55.4	60.5	59.7	51.0	46.6	W	48.1
October	75.9	74.5	57.3	56.9	—	57.0	62.1	61.4	50.8	49.4	—	49.9
November	73.6	72.1	51.7	49.4	W	50.2	60.1	59.1	45.2	42.1	W	43.1
December	68.3	67.0	49.9	43.7	W	45.7	55.3	54.4	42.9	36.7	33.4	38.8
1998 Average	76.6	75.4	60.4	55.8	48.8	57.3	63.0	62.3	53.3	48.5	45.6	50.0

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
South Carolina												
January	61.1	61.1	54.3	50.8	—	51.6	71.5	71.3	59.5	55.6	—	56.7
February	58.1	58.1	52.7	49.1	W	49.9	67.9	67.8	57.8	53.7	—	54.9
March	56.6	56.6	49.0	46.8	—	47.3	66.7	66.5	54.0	51.4	—	52.2
April	57.6	57.9	51.9	49.9	—	50.4	67.9	67.7	57.2	54.6	—	55.4
May	58.6	59.3	53.4	51.7	—	52.1	68.7	68.6	58.8	56.4	—	57.2
June	57.2	57.9	50.7	48.3	—	48.9	67.6	67.4	55.4	53.1	—	53.8
July	55.6	55.8	49.1	46.8	—	47.3	65.8	65.6	54.5	51.5	—	52.4
August	53.8	54.4	45.6	42.3	W	43.1	64.2	64.0	50.4	47.1	—	48.1
September	52.7	53.2	46.5	44.0	—	44.6	63.2	62.9	51.7	48.6	—	49.6
October	54.6	54.8	48.3	46.7	—	47.2	64.6	64.4	54.3	51.5	—	52.3
November	52.3	52.2	41.7	39.0	—	39.7	62.2	62.0	47.8	44.0	—	45.2
December	47.8	47.5	37.8	34.0	W	35.0	58.4	58.1	43.5	38.6	—	40.2
1998 Average	55.5	55.8	48.1	45.7	NA	46.3	65.7	65.5	53.5	50.5	—	51.5
Virginia												
January	67.5	67.1	59.7	51.8	W	55.0	77.4	76.5	68.1	55.1	—	61.4
February	63.8	63.4	55.9	49.9	46.8	52.2	73.7	73.3	64.3	53.2	—	58.6
March	61.6	61.4	54.2	47.8	44.5	50.2	71.5	71.1	62.1	51.5	—	56.5
April	62.6	62.5	56.9	51.1	NA	53.0	72.4	72.1	63.8	54.6	—	58.7
May	64.0	63.8	57.6	52.7	NA	54.4	73.4	73.1	64.4	56.3	—	59.9
June	63.5	63.2	57.2	49.6	NA	52.2	73.0	72.5	64.6	53.6	—	58.5
July	62.6	62.4	55.7	47.7	NA	50.5	72.2	71.8	63.4	51.5	—	56.9
August	60.2	60.0	54.6	43.0	W	47.6	70.5	70.0	62.2	47.3	—	53.8
September	58.4	58.4	53.8	44.2	W	47.9	68.4	68.0	60.5	47.7	—	53.5
October	59.2	59.1	55.3	47.3	NA	50.5	69.4	69.1	61.7	51.7	—	56.3
November	57.5	57.3	50.9	40.2	NA	44.8	67.3	66.8	59.0	44.7	—	51.5
December	53.0	52.7	47.4	35.4	NA	40.5	63.1	62.8	55.3	39.7	—	47.0
1998 Average	61.1	60.9	54.7	46.7	NA	49.7	70.9	70.5	62.4	50.5	—	56.0
West Virginia												
January	67.4	67.1	60.8	50.9	—	56.1	76.7	76.3	65.8	56.5	—	62.1
February	64.8	64.5	59.4	50.5	—	55.5	74.2	73.9	63.9	55.2	—	60.7
March	62.8	62.6	57.8	47.9	—	53.4	71.8	71.5	62.9	52.7	—	58.7
April	64.2	64.1	60.3	51.8	—	56.5	73.2	73.0	64.8	56.7	—	61.8
May	67.3	67.2	62.8	55.7	—	60.0	76.8	76.5	68.5	60.5	—	65.5
June	66.9	66.7	60.5	53.3	—	57.7	76.1	75.7	65.6	59.0	—	63.3
July	64.3	64.1	59.1	51.4	—	56.0	73.4	73.0	64.7	56.6	—	61.8
August	59.2	59.2	54.8	46.8	—	51.5	68.2	68.0	60.7	52.2	—	57.5
September	57.0	57.0	55.3	47.7	—	52.4	65.9	65.7	61.2	52.9	—	58.2
October	57.8	57.8	56.1	50.1	—	53.9	66.7	66.5	61.2	54.7	—	58.7
November	56.9	56.8	51.8	43.6	—	48.6	65.9	65.7	56.2	49.2	—	53.7
December	52.2	52.0	46.2	37.7	—	43.0	61.1	60.9	50.9	43.1	—	48.1
1998 Average	61.7	61.5	57.1	49.2	—	53.9	70.7	70.5	62.2	54.2	—	59.2
PAD District II												
January	64.5	64.5	56.9	50.5	47.9	51.8	71.4	71.4	62.8	55.7	—	58.8
February	63.5	63.5	57.1	51.4	47.9	52.5	71.2	71.0	62.9	55.8	—	58.8
March	62.8	62.7	56.1	49.2	47.3	50.8	70.4	70.3	62.0	53.6	—	57.1
April	64.8	64.8	58.7	52.6	49.1	53.8	72.5	72.4	64.4	57.1	—	60.1
May	68.2	68.0	61.7	55.7	50.6	56.9	76.2	76.0	67.7	60.2	—	63.4
June	66.8	66.7	60.1	53.3	49.1	54.6	74.9	74.7	66.4	57.5	—	61.3
July	65.8	65.7	58.4	51.8	47.7	53.2	73.9	73.6	65.5	56.2	—	60.1
August	61.8	61.7	53.9	46.0	43.3	47.8	70.0	69.8	61.0	50.5	—	55.0
September	60.5	60.5	53.8	47.0	42.7	48.3	68.6	68.5	60.0	51.5	—	55.0
October	61.0	60.9	53.9	47.6	43.5	48.9	69.0	68.8	60.1	52.3	—	55.5
November	56.5	56.4	48.8	41.1	37.9	42.7	64.8	64.6	55.9	45.7	—	49.9
December	50.5	50.5	43.4	35.6	34.6	37.3	59.1	58.9	50.9	40.4	—	44.8
1998 Average	62.2	62.2	55.3	48.5	45.0	49.9	70.1	69.9	61.7	53.0	—	56.6

See footnotes at end of table.

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

Geographic Area Month	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
South Carolina												
January	80.4	80.0	65.1	60.9	—	61.9	66.1	66.0	57.0	53.2	—	54.1
February	76.9	76.5	62.9	58.9	W	59.4	63.0	62.9	55.2	51.5	48.9	52.3
March	75.2	74.8	59.9	56.7	—	57.4	61.6	61.5	51.8	49.2	—	49.8
April	77.2	76.7	62.3	60.1	—	60.7	62.7	62.8	54.5	52.4	—	52.9
May	77.8	77.4	64.1	62.3	—	62.7	63.8	64.1	56.2	54.3	—	54.8
June	76.6	76.2	61.9	58.8	—	59.6	62.4	62.7	53.5	50.9	—	51.6
July	75.1	74.6	60.1	57.5	W	58.0	60.9	60.8	52.0	49.5	W	50.1
August	73.0	72.4	57.2	53.1	—	54.1	59.1	59.3	48.4	45.1	W	45.9
September	71.9	71.4	57.8	54.2	—	55.1	58.0	58.2	49.5	46.5	—	47.3
October	73.5	73.1	59.2	56.8	—	57.4	59.7	59.7	51.2	49.3	—	49.8
November	71.1	70.4	52.5	49.1	W	50.0	57.6	57.3	44.7	41.6	W	42.5
December	66.9	66.0	48.0	43.6	W	44.3	53.3	52.9	40.6	36.5	W	37.6
1998 Average	74.5	74.0	58.8	55.8	NA	56.4	60.7	60.7	50.9	48.3	NA	48.9
Virginia												
January	85.0	83.8	72.6	60.7	W	66.3	72.4	71.8	64.0	53.9	50.0	58.3
February	81.7	80.6	67.9	58.8	W	63.1	68.8	68.4	59.9	52.1	47.1	55.3
March	79.4	78.2	65.2	57.0	W	60.7	66.7	66.3	58.0	50.1	45.3	53.3
April	80.4	79.4	68.0	60.3	W	63.6	67.7	67.5	60.6	53.4	NA	56.0
May	81.3	80.7	69.1	62.2	W	65.1	68.9	68.7	61.4	55.0	NA	57.4
June	80.8	80.1	68.6	59.4	—	63.6	68.4	68.1	61.2	52.1	NA	55.4
July	80.0	79.5	66.9	57.5	W	61.6	67.6	67.4	59.7	50.2	45.8	53.8
August	78.5	77.9	66.1	53.2	W	59.2	65.8	65.5	58.5	45.7	NA	50.9
September	76.5	76.1	64.5	53.5	W	58.6	63.9	63.8	57.4	46.5	NA	50.9
October	77.7	76.8	65.5	57.5	W	61.3	64.7	64.5	58.7	50.0	NA	53.7
November	75.4	74.8	61.6	50.0	NA	55.7	62.8	62.6	54.6	42.8	NA	48.1
December	70.4	69.9	57.7	44.9	W	51.2	58.5	58.1	51.0	38.0	NA	43.7
1998 Average	78.7	78.0	65.9	56.1	50.6	60.6	66.3	66.0	58.5	49.1	NA	52.9
West Virginia												
January	84.8	84.2	72.8	59.8	—	67.6	71.2	70.9	63.4	52.7	—	58.6
February	81.8	81.2	71.0	59.9	—	66.4	68.6	68.3	61.8	52.5	—	57.9
March	79.9	79.3	70.1	57.2	—	64.6	66.6	66.3	60.4	49.8	—	55.8
April	81.9	81.2	72.1	61.8	—	67.7	67.9	67.7	62.7	53.8	—	58.8
May	84.6	84.1	73.8	66.0	—	71.0	71.1	70.9	65.4	57.8	—	62.4
June	84.1	83.4	72.5	64.0	—	69.5	70.7	70.3	63.1	55.5	—	60.2
July	81.5	80.9	70.3	62.2	—	67.4	68.1	67.8	61.7	53.6	—	58.6
August	77.0	76.7	66.6	57.4	—	63.0	63.1	63.0	57.6	49.2	—	54.2
September	74.9	74.5	67.0	58.1	—	63.7	60.8	60.8	58.0	50.0	—	55.0
October	75.6	75.3	68.1	60.3	—	65.2	61.7	61.6	58.8	52.5	—	56.5
November	74.5	74.1	63.7	54.1	—	60.1	60.9	60.8	54.4	45.9	—	51.2
December	69.0	68.5	58.1	48.0	—	54.3	56.1	55.9	48.9	40.1	—	45.5
1998 Average	78.9	78.4	68.7	59.0	—	65.0	65.5	65.3	59.7	51.3	—	56.3
PAD District II												
January	78.6	78.2	69.1	59.1	52.9	62.0	67.2	67.1	59.6	52.1	48.2	53.8
February	78.3	77.8	69.0	59.7	48.9	62.5	66.2	66.1	59.7	52.8	47.9	54.3
March	77.5	77.0	67.7	57.4	48.3	60.5	65.5	65.3	58.6	50.6	47.3	52.6
April	79.9	79.4	70.4	61.3	52.8	64.1	67.5	67.4	61.2	54.1	49.3	55.6
May	83.4	82.8	73.8	64.8	55.9	67.6	70.9	70.7	64.3	57.2	50.8	58.8
June	82.1	81.6	72.4	62.3	54.2	65.5	69.6	69.4	62.8	54.8	49.2	56.6
July	81.2	80.6	70.8	60.7	52.7	63.8	68.6	68.4	61.2	53.4	48.0	55.2
August	77.2	76.7	66.3	55.3	50.5	58.7	64.6	64.5	56.8	47.6	43.6	49.9
September	76.2	75.6	65.8	56.0	47.2	59.0	63.4	63.3	56.5	48.6	42.9	50.3
October	76.7	76.2	66.4	56.9	47.5	59.8	64.0	63.8	56.7	49.2	43.7	51.0
November	72.2	71.7	61.5	50.1	40.0	53.5	59.5	59.3	51.8	42.7	38.0	44.8
December	66.4	65.9	55.9	44.4	36.0	47.8	53.7	53.5	46.4	37.2	34.7	39.4
1998 Average	77.3	76.8	67.4	57.2	48.4	60.3	65.0	64.9	58.0	50.0	45.1	51.9

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	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
Illinois												
January	66.5	66.5	61.3	50.3	48.1	52.6	71.0	70.9	66.5	54.9	—	62.6
February	64.8	64.9	60.3	51.5	47.2	52.7	71.6	71.6	65.0	55.4	—	61.5
March	63.5	63.6	59.9	48.8	46.2	51.3	70.4	70.4	64.2	52.8	—	59.8
April	66.4	66.5	63.6	53.7	48.5	55.6	73.5	73.5	67.9	57.8	—	64.0
May	71.0	71.0	NA	57.4	52.4	59.3	78.1	78.0	NA	62.3	—	68.3
June	69.5	69.6	66.3	54.9	50.1	56.8	76.9	76.7	70.8	59.7	—	66.8
July	69.7	69.6	63.6	53.2	48.5	55.0	77.8	77.4	69.4	57.4	—	64.8
August	66.2	66.1	60.0	46.2	43.5	48.8	73.8	73.3	64.8	50.8	—	59.1
September	64.6	64.5	59.4	47.7	41.7	49.5	72.2	71.8	64.1	52.0	—	59.3
October	64.6	64.5	59.2	47.8	44.8	50.3	71.0	70.8	64.2	51.1	—	58.7
November	60.6	60.6	54.8	41.9	39.8	44.8	67.4	67.2	60.7	46.2	—	54.6
December	54.6	54.6	50.4	36.2	34.6	39.7	62.0	61.8	56.0	40.5	—	50.4
1998 Average	65.2	65.2	60.6	49.1	45.5	51.4	71.9	71.8	65.4	53.2	—	60.7
Indiana												
January	63.7	63.7	57.1	50.0	48.5	52.0	70.2	70.2	62.1	53.5	—	57.3
February	62.6	62.6	56.7	50.5	46.2	51.9	70.2	70.1	61.5	54.4	—	57.7
March	61.7	61.7	55.0	48.3	47.2	50.0	69.5	69.4	59.8	52.0	—	55.4
April	64.7	64.7	58.1	52.1	49.4	53.4	72.7	72.3	63.0	55.8	—	58.9
May	68.4	68.2	61.3	55.2	50.7	56.3	76.5	76.0	66.0	59.1	—	62.2
June	66.2	66.0	59.3	51.7	48.8	53.6	74.8	74.2	64.2	56.1	—	59.5
July	64.5	64.3	57.6	50.4	46.7	52.2	72.8	72.1	62.6	54.6	—	57.9
August	60.4	60.3	53.2	44.6	43.4	46.8	69.3	68.9	58.8	48.8	—	53.0
September	60.0	60.1	53.5	46.2	41.1	47.8	69.1	68.8	58.2	50.4	—	53.6
October	59.8	59.9	53.0	46.9	42.1	48.3	67.9	67.8	58.3	50.9	—	53.9
November	56.6	56.5	49.1	40.5	NA	42.7	65.0	64.7	54.6	44.3	—	48.5
December	52.0	52.0	43.8	35.6	33.7	37.4	60.7	60.5	49.3	39.8	—	43.7
1998 Average	61.7	61.7	54.9	47.6	44.7	49.3	69.8	69.5	59.9	51.5	—	55.1
Iowa												
January	65.6	65.8	55.6	51.3	—	51.8	70.1	70.5	59.9	59.2	—	59.4
February	63.1	63.4	55.9	52.9	W	53.0	69.1	69.2	61.1	58.6	—	59.2
March	63.4	63.6	55.8	51.5	—	52.0	69.0	69.2	60.1	NA	—	57.7
April	63.4	63.8	57.5	53.6	—	54.0	69.0	69.2	61.3	59.8	—	60.2
May	65.7	66.0	59.3	56.0	—	56.4	71.1	71.3	63.5	63.3	—	63.4
June	63.9	64.4	57.3	53.7	—	54.1	70.3	70.4	61.6	59.3	—	59.9
July	64.3	64.7	56.2	52.6	—	53.0	69.2	69.4	60.9	59.1	—	59.5
August	61.1	61.5	51.2	47.1	—	47.5	66.4	66.6	55.5	52.9	—	53.6
September	59.1	59.6	51.5	47.7	—	48.1	65.2	65.2	56.2	53.7	—	54.3
October	58.5	59.0	51.7	47.9	—	48.3	65.5	65.4	56.3	55.9	—	56.0
November	54.3	54.8	46.6	40.9	—	41.5	61.2	61.4	51.2	47.7	—	48.6
December	49.4	49.8	41.2	36.0	—	36.6	55.4	55.7	45.4	NA	—	44.0
1998 Average	61.0	61.4	53.4	49.4	W	49.8	66.8	66.9	57.8	56.0	—	56.4
Kansas												
January	62.7	62.5	55.9	49.8	47.9	50.4	68.4	68.4	57.4	53.2	—	55.1
February	62.4	62.4	56.7	51.4	48.6	52.0	68.7	68.7	58.1	55.3	—	56.8
March	62.2	62.0	56.5	50.0	47.8	50.6	68.1	68.1	57.6	54.6	—	56.0
April	62.5	62.4	56.7	52.1	49.1	52.3	68.9	68.9	NA	56.8	—	58.1
May	63.8	63.9	58.0	54.7	50.8	54.6	70.6	70.6	NA	59.4	—	60.5
June	63.2	62.8	56.2	52.6	W	52.5	69.6	69.6	NA	57.2	—	58.8
July	63.8	63.5	55.2	51.6	47.3	51.5	70.5	70.4	NA	56.2	—	57.9
August	61.0	60.7	51.1	46.2	41.7	46.1	67.1	67.0	NA	51.2	—	52.9
September	59.2	58.9	51.8	46.6	W	46.9	64.6	64.6	NA	51.4	—	52.7
October	58.5	58.2	52.7	46.9	W	47.2	63.6	63.5	NA	51.5	—	53.0
November	54.5	54.2	46.2	39.6	36.3	39.9	60.2	60.1	NA	43.8	—	46.4
December	47.9	47.7	43.5	34.5	33.0	35.7	53.4	53.3	NA	39.9	—	41.3
1998 Average	60.1	59.9	53.3	48.1	44.2	48.2	65.9	65.9	56.3	52.0	—	53.9

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
Illinois												
January	80.0	79.7	72.3	60.1	49.4	65.0	69.1	69.1	64.6	51.9	48.1	55.3
February	80.2	79.7	71.1	61.5	W	64.8	67.9	67.9	63.3	53.0	47.2	55.2
March	79.2	78.7	70.2	58.8	W	63.7	66.5	66.6	62.8	50.4	46.1	53.9
April	82.8	82.4	73.6	64.2	W	68.5	69.5	69.6	66.4	55.2	48.7	58.3
May	87.2	86.8	77.6	69.4	—	73.5	74.0	74.0	NA	59.2	52.4	62.1
June	85.7	85.3	77.5	66.3	55.2	71.3	72.7	72.7	69.4	56.7	50.3	59.7
July	87.0	86.3	76.8	64.3	W	69.3	73.0	72.9	67.4	55.0	48.9	58.1
August	83.7	83.0	72.5	57.5	W	64.4	69.6	69.4	63.5	48.1	43.7	52.0
September	82.3	81.4	70.7	58.6	W	64.4	68.0	67.9	62.7	49.5	41.8	52.6
October	81.6	80.9	71.0	58.2	W	63.4	67.9	67.8	62.6	49.5	44.9	53.2
November	78.4	77.8	68.1	52.2	W	59.6	64.1	64.0	58.8	43.7	39.9	48.0
December	73.2	72.5	63.2	46.4	W	54.5	58.3	58.2	54.3	37.9	34.6	43.0
1998 Average	81.8	81.2	72.0	59.5	49.2	65.1	68.4	68.4	63.9	50.7	45.6	54.2
Indiana												
January	76.9	76.6	68.7	59.0	W	61.9	66.7	66.7	59.7	51.7	51.5	54.2
February	76.6	76.4	68.3	59.8	—	62.9	65.7	65.7	59.2	52.2	46.2	54.0
March	75.9	75.7	66.7	57.4	W	60.5	64.9	64.9	57.6	50.0	47.2	52.1
April	79.7	79.2	70.0	61.5	—	64.5	67.9	67.8	60.7	53.8	49.4	55.4
May	84.0	83.2	73.3	65.1	—	68.0	71.6	71.4	63.9	56.9	50.7	58.4
June	82.1	81.4	71.4	62.2	W	65.2	69.6	69.3	61.8	53.6	48.9	55.7
July	80.6	79.8	69.4	60.6	W	63.3	67.9	67.7	60.2	52.3	46.9	54.4
August	76.8	76.3	65.7	55.0	W	58.4	64.0	63.9	56.0	46.5	43.8	49.1
September	76.9	76.2	65.1	56.2	W	58.9	63.8	63.7	56.0	48.1	41.3	50.0
October	75.7	75.3	65.3	56.8	—	59.7	63.4	63.4	55.8	48.8	42.1	50.5
November	72.7	72.4	61.3	50.2	—	53.9	60.3	60.2	52.0	42.3	NA	45.0
December	68.8	68.5	56.1	45.1	35.0	47.7	55.9	55.9	46.7	37.5	33.8	39.7
1998 Average	77.1	76.6	66.7	57.1	49.1	60.1	65.1	65.0	57.5	49.4	44.9	51.5
Iowa												
January	74.4	74.5	62.8	59.2	—	59.8	66.6	66.8	57.6	53.1	—	53.7
February	73.1	73.2	63.6	60.5	—	61.0	64.4	64.6	58.1	54.2	W	54.6
March	71.9	72.0	63.9	59.2	—	60.0	64.6	64.8	57.7	52.9	—	53.6
April	72.3	72.5	65.3	61.5	—	62.2	64.6	65.0	59.2	54.9	—	55.5
May	75.0	75.1	66.3	64.0	—	64.5	66.9	67.1	61.1	57.5	—	58.0
June	73.4	73.6	65.4	61.8	—	62.5	65.2	65.7	59.3	55.0	—	55.5
July	74.2	74.3	64.4	60.9	—	61.5	65.4	65.8	58.1	54.0	—	54.5
August	71.0	70.9	59.2	56.0	—	56.6	62.3	62.6	53.1	48.4	—	49.0
September	69.2	69.2	59.4	56.7	—	57.2	60.4	60.8	53.5	49.0	—	49.6
October	68.6	68.7	59.9	57.1	—	57.7	59.9	60.4	53.7	49.5	—	50.0
November	64.0	64.1	53.7	49.6	—	50.3	55.7	56.2	48.5	42.3	—	43.1
December	58.6	58.8	49.1	44.7	—	45.4	50.7	51.1	43.0	37.6	—	38.3
1998 Average	70.5	70.6	61.4	57.8	—	58.4	62.2	62.6	55.4	50.8	W	51.4
Kansas												
January	76.0	75.7	63.5	57.0	48.9	57.6	64.2	63.9	56.8	50.5	48.0	51.1
February	75.5	75.3	63.5	58.5	W	59.4	63.9	63.7	57.3	52.0	48.7	52.6
March	74.0	73.7	62.9	57.2	W	58.2	63.5	63.2	57.2	50.8	47.8	51.4
April	75.3	75.0	64.7	59.2	W	60.3	63.9	63.7	57.7	52.8	49.1	53.0
May	76.7	76.4	66.1	61.9	W	62.0	65.3	65.2	59.1	55.4	51.1	55.3
June	75.7	75.3	64.8	59.9	W	60.4	64.6	64.1	57.4	53.4	W	53.3
July	76.1	75.8	63.8	59.0	W	59.4	65.3	64.8	56.4	52.4	47.4	52.4
August	73.3	73.0	60.7	53.8	W	53.9	62.4	62.1	52.6	47.0	42.7	47.1
September	71.4	71.2	58.9	53.9	W	53.8	60.6	60.2	52.7	47.4	W	47.7
October	70.9	70.6	61.9	54.2	W	55.8	60.0	59.5	53.9	47.7	W	48.2
November	66.5	66.2	54.2	46.5	W	47.3	56.0	55.6	47.5	40.3	36.7	40.7
December	58.9	58.8	47.4	42.0	W	42.8	49.3	49.0	43.8	35.4	33.2	36.5
1998 Average	72.2	71.9	61.0	55.0	47.9	55.5	61.5	61.2	54.3	48.8	44.4	49.0

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
Kentucky												
January	65.6	65.1	60.4	51.1	—	53.7	74.7	73.9	67.0	55.6	—	60.0
February	62.9	62.5	58.2	50.8	—	52.9	72.3	71.8	65.1	55.2	—	59.1
March	61.9	61.5	56.4	48.2	—	50.5	70.9	70.4	62.7	52.2	—	56.4
April	65.4	65.0	59.1	52.4	W	54.3	74.8	74.3	64.7	57.0	—	60.1
May	68.5	68.1	60.9	55.8	W	57.2	78.5	77.9	66.3	60.7	—	62.8
June	67.5	66.9	58.2	52.1	—	53.9	77.2	76.6	63.8	56.8	—	59.4
July	64.5	63.9	55.5	50.1	—	51.9	74.7	74.0	60.8	55.1	—	57.3
August	59.8	59.3	52.4	44.6	W	46.9	69.3	68.9	58.0	49.2	—	52.5
September	58.2	57.7	52.1	46.0	W	47.7	67.7	67.1	57.4	50.2	—	52.8
October	60.0	59.5	53.5	48.3	W	49.6	70.0	69.6	58.6	52.5	—	54.5
November	56.9	56.3	46.8	41.8	—	43.3	67.3	66.7	52.7	45.9	—	48.2
December	50.9	50.4	42.5	35.8	—	37.8	60.9	60.4	48.2	39.7	—	42.7
1998 Average	61.8	61.4	54.7	48.1	W	50.0	71.4	70.9	60.6	52.4	—	55.5
Michigan												
January	60.7	60.7	51.9	49.2	—	50.1	67.5	67.5	56.1	51.6	—	54.8
February	61.4	61.3	53.5	50.6	—	51.6	69.4	69.4	58.4	53.3	—	56.9
March	61.6	61.5	53.0	48.0	—	49.8	70.2	70.1	58.3	50.5	—	55.9
April	62.9	62.8	55.2	52.4	NA	53.4	72.4	72.3	60.4	55.4	—	58.9
May	67.3	67.1	58.7	56.2	W	57.0	77.5	77.5	65.6	59.7	—	63.9
June	65.3	65.2	57.3	53.9	NA	55.2	74.9	74.8	64.7	57.6	—	62.5
July	64.5	64.4	56.4	52.1	NA	53.7	74.7	74.6	67.6	55.7	—	63.9
August	59.6	59.5	51.5	45.8	—	48.2	71.2	71.1	62.0	49.4	—	58.1
September	58.7	58.6	50.6	47.3	—	48.7	68.8	68.8	58.3	50.5	—	55.9
October	58.9	58.8	50.7	46.8	—	48.5	68.3	68.4	57.3	50.2	—	55.2
November	55.0	54.8	45.9	41.2	—	43.0	65.3	65.0	52.8	44.2	—	50.3
December	48.5	48.4	39.5	34.7	—	36.6	59.1	59.2	48.5	38.0	—	45.4
1998 Average	60.4	60.3	52.1	48.5	W	49.9	69.9	69.8	59.4	51.5	—	57.0
Minnesota												
January	74.5	74.6	62.9	55.5	W	56.9	79.3	79.2	63.8	57.9	—	59.6
February	72.3	72.2	62.5	56.6	W	57.7	76.8	76.7	64.6	58.8	—	60.3
March	72.1	72.0	64.2	54.8	W	56.5	76.7	76.7	67.5	56.7	—	59.3
April	73.0	73.0	65.6	56.4	49.8	58.1	77.6	77.6	67.8	58.3	—	60.5
May	76.3	76.0	66.4	59.3	W	60.9	80.7	80.6	69.0	61.1	—	63.3
June	76.3	75.9	65.5	58.0	W	59.7	80.6	80.4	NA	60.1	—	62.1
July	73.6	73.3	63.4	57.0	W	58.4	78.5	78.3	NA	59.5	—	61.2
August	70.1	70.1	59.9	51.9	W	53.7	75.2	74.9	NA	54.5	—	56.7
September	69.1	69.1	59.8	52.5	W	54.3	74.4	74.0	NA	55.0	—	57.0
October	69.4	69.2	59.8	52.3	W	53.9	74.0	73.7	NA	54.7	—	56.3
November	63.1	63.0	53.4	45.0	37.8	46.5	67.2	66.9	NA	47.5	—	49.9
December	58.5	58.7	48.5	39.6	W	41.1	62.4	62.3	NA	42.1	—	44.4
1998 Average	70.7	70.6	61.2	53.2	45.6	54.8	75.2	75.0	63.2	55.3	—	57.4
Missouri												
January	59.7	60.0	55.8	49.9	W	52.0	67.5	67.7	60.6	54.4	—	58.0
February	59.9	60.3	57.9	50.8	W	52.9	68.1	68.2	60.9	55.2	—	58.5
March	58.1	58.6	55.3	48.8	—	51.1	66.2	66.4	59.6	52.9	—	56.7
April	61.3	61.7	58.6	51.6	—	53.9	69.3	69.4	NA	56.2	—	59.5
May	63.8	64.1	62.5	54.7	W	57.5	72.2	72.2	65.3	60.3	—	63.3
June	62.8	63.1	60.9	52.5	W	54.9	71.4	71.3	64.6	58.0	—	61.9
July	63.4	63.9	59.6	51.5	—	54.2	72.0	72.4	64.2	57.3	—	61.4
August	57.7	58.3	54.1	45.7	—	48.3	66.0	66.6	58.6	51.0	—	55.4
September	56.7	57.3	54.5	46.2	—	48.8	65.3	65.9	NA	51.3	—	55.2
October	56.8	57.4	54.5	46.5	—	48.9	65.0	65.5	57.2	51.1	—	54.5
November	52.4	52.7	48.3	39.7	—	42.4	60.5	60.4	52.9	45.0	—	49.5
December	44.7	44.8	42.5	34.5	W	36.5	53.1	52.8	45.8	39.0	—	42.7
1998 Average	58.0	58.4	55.9	47.7	42.1	50.3	66.3	66.4	59.2	52.3	—	56.3

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
Kentucky												
January	82.5	81.3	72.6	60.4	—	63.9	69.5	68.8	63.4	53.1	—	56.2
February	80.4	79.3	70.6	60.1	—	63.2	67.0	66.5	61.3	52.8	—	55.4
March	79.7	78.8	68.2	57.4	—	60.4	66.0	65.5	59.3	50.2	—	52.9
April	83.7	82.5	71.0	62.0	—	64.5	69.5	68.9	61.9	54.5	W	56.7
May	87.1	85.9	73.0	66.0	—	68.2	72.8	72.2	63.6	58.0	W	59.6
June	85.8	84.3	69.9	62.1	—	64.6	71.7	71.0	60.9	54.3	—	56.3
July	83.3	81.8	67.8	60.3	—	62.7	68.9	68.2	58.3	52.6	—	54.5
August	78.7	77.6	64.4	54.8	—	57.9	64.2	63.6	55.3	46.9	W	49.4
September	77.3	76.1	63.8	55.8	—	58.3	62.7	62.1	54.9	48.2	W	50.2
October	79.0	77.9	64.6	58.2	—	60.1	64.5	63.9	56.1	50.5	W	52.0
November	76.3	75.1	58.4	51.6	—	53.8	61.7	60.9	49.8	44.0	—	45.8
December	69.8	68.8	53.9	45.8	—	48.3	55.7	55.1	45.5	38.2	—	40.4
1998 Average	80.1	78.9	66.2	57.7	—	60.3	66.1	65.5	57.5	50.2	W	52.4
Michigan												
January	73.5	73.2	63.5	57.9	—	60.1	63.0	62.9	54.1	50.5	—	51.9
February	76.1	75.6	65.8	59.3	—	61.7	63.7	63.6	55.7	51.9	—	53.4
March	76.3	75.6	65.3	56.8	—	59.9	63.9	63.7	55.3	49.4	—	51.6
April	77.7	77.1	67.6	61.2	W	63.7	65.3	65.1	57.5	53.5	W	55.0
May	82.8	82.0	71.5	65.3	W	67.7	69.9	69.7	61.2	57.5	51.2	58.9
June	80.7	80.1	70.0	64.5	—	66.8	67.7	67.6	59.9	55.5	NA	57.3
July	80.0	79.3	69.2	62.5	—	65.3	67.2	67.0	59.7	53.7	NA	56.2
August	75.6	74.9	64.1	56.5	—	59.8	62.4	62.3	54.6	47.5	—	50.7
September	74.7	74.0	63.1	57.3	—	59.9	61.4	61.2	53.3	48.9	—	50.8
October	74.7	73.9	63.2	57.3	—	60.0	61.5	61.3	53.2	48.4	—	50.5
November	70.3	69.3	58.5	51.2	—	54.3	57.6	57.3	48.5	42.7	—	45.1
December	63.3	62.6	52.1	44.7	—	47.8	51.3	51.1	42.5	36.3	—	38.9
1998 Average	75.3	74.6	64.5	57.9	W	60.6	62.9	62.7	54.7	49.9	48.8	51.9
Minnesota												
January	87.0	86.6	70.1	61.1	W	63.2	76.2	76.1	63.8	56.4	W	57.9
February	84.4	84.3	70.2	62.5	W	64.2	73.7	73.6	63.5	57.5	W	58.6
March	85.1	84.9	72.2	60.9	W	63.3	73.6	73.5	65.4	55.6	W	57.5
April	84.0	84.0	73.5	62.7	W	65.3	74.4	74.3	66.7	57.2	50.5	59.1
May	86.7	86.4	74.9	65.1	W	67.8	77.7	77.4	67.7	60.1	W	61.9
June	86.5	86.2	73.8	63.5	W	66.3	77.7	77.3	66.7	58.8	W	60.6
July	84.3	83.9	72.5	62.8	53.5	65.5	75.2	74.8	64.9	57.8	W	59.5
August	81.0	81.0	68.2	58.0	W	61.3	71.7	71.6	61.4	52.9	W	54.9
September	80.2	80.2	68.7	58.6	W	61.7	70.7	70.6	61.2	53.4	W	55.4
October	80.8	80.6	NA	58.7	W	61.8	71.0	70.7	61.1	53.2	W	54.9
November	74.3	74.1	63.3	51.3	W	54.5	64.6	64.4	55.1	45.9	38.5	47.8
December	69.8	69.9	NA	45.9	W	48.9	60.1	60.2	50.0	40.6	W	42.3
1998 Average	81.7	81.6	69.4	59.3	W	62.0	72.2	72.1	62.4	54.1	W	55.9
Missouri												
January	76.4	76.4	69.3	57.8	—	62.9	62.1	62.3	58.0	51.0	W	53.6
February	76.9	76.8	69.3	58.8	—	63.7	62.3	62.5	60.3	51.8	W	54.6
March	74.9	74.8	67.0	56.8	—	61.1	60.5	60.9	57.3	49.9	—	52.7
April	78.1	78.0	68.8	59.8	W	63.4	63.7	64.0	60.5	52.7	W	55.4
May	80.3	80.2	74.2	63.2	—	67.9	66.2	66.4	64.3	55.9	W	59.1
June	79.6	79.5	72.6	60.9	—	65.5	65.3	65.4	63.1	53.6	W	56.6
July	79.8	79.8	71.7	60.0	—	64.8	65.9	66.2	61.8	52.7	—	55.9
August	74.0	74.0	65.2	54.6	—	58.4	60.2	60.7	56.1	47.0	—	49.9
September	73.4	73.4	66.1	54.8	—	59.2	59.3	59.7	56.7	47.4	—	50.5
October	73.6	73.6	67.1	54.9	—	59.5	59.5	59.9	56.8	47.7	—	50.6
November	68.9	68.8	59.8	48.0	—	52.2	55.0	55.1	50.3	41.0	—	44.1
December	62.3	62.2	52.0	42.8	—	45.5	47.4	47.4	44.4	35.8	W	38.1
1998 Average	74.4	74.4	67.5	55.7	W	60.3	60.5	60.8	58.0	48.8	42.2	51.9

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	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												
January	64.2	64.5	55.5	51.6	—	52.1	69.9	69.5	61.2	58.9	—	59.5
February	62.9	63.4	56.0	52.6	—	53.1	68.3	68.0	62.2	59.0	—	60.0
March	64.4	64.8	55.6	51.2	—	51.9	69.2	68.7	61.3	NA	—	58.3
April	64.3	64.9	56.6	53.4	—	53.9	70.0	69.5	61.9	59.3	—	59.9
May	65.7	66.2	58.7	55.5	—	56.0	71.7	71.3	63.8	61.3	—	61.7
June	64.6	65.1	56.6	53.3	—	53.8	70.0	69.4	62.2	59.0	—	59.6
July	64.5	64.9	55.9	52.4	—	53.0	70.1	69.4	61.9	59.0	—	59.6
August	62.5	62.6	51.1	46.8	—	47.5	68.8	68.1	57.9	53.9	—	54.8
September	61.4	61.7	51.0	47.2	—	47.8	68.1	67.6	56.4	54.1	—	54.6
October	60.6	61.2	50.7	47.7	—	48.2	65.8	65.2	59.7	52.8	—	54.5
November	56.4	56.9	46.8	40.8	—	41.7	61.5	60.6	58.0	47.4	—	50.3
December	51.1	51.6	43.9	35.5	—	36.7	57.1	55.7	55.8	NA	—	NA
1998 Average	61.9	62.4	53.2	49.0	—	49.6	67.4	66.7	60.3	55.8	—	56.8
North Dakota												
January	75.3	75.0	57.2	51.3	—	52.4	82.4	82.4	61.4	59.7	—	60.2
February	70.8	70.8	56.0	51.8	—	52.6	79.1	77.9	61.3	60.2	—	60.6
March	71.4	71.2	55.1	51.1	—	51.8	77.9	77.9	63.0	59.3	—	60.4
April	75.3	74.4	58.7	54.0	—	54.8	80.4	76.7	NA	61.3	—	62.2
May	73.8	73.7	61.4	56.4	—	57.3	80.3	80.2	NA	63.7	—	64.7
June	73.8	73.5	59.6	54.4	—	55.3	80.9	79.9	NA	61.6	—	62.9
July	73.8	73.4	59.1	53.8	—	54.6	80.9	79.8	NA	60.6	—	61.7
August	72.6	71.9	55.3	49.2	—	50.2	79.1	78.4	NA	56.1	—	57.2
September	70.3	70.0	54.2	48.5	—	49.5	77.0	77.2	NA	56.1	—	56.8
October	69.9	69.9	54.6	49.3	—	50.2	76.5	76.1	NA	56.5	—	57.4
November	66.2	65.7	48.8	42.8	—	43.9	74.6	74.4	NA	50.1	—	51.4
December	59.5	59.2	42.8	37.1	—	38.1	66.6	66.4	NA	44.7	—	45.8
1998 Average	71.1	70.8	55.3	50.1	—	51.0	77.9	77.2	NA	57.3	—	58.3
Ohio												
January	65.2	64.9	57.4	49.2	47.2	52.1	72.3	72.1	64.1	52.5	—	58.7
February	65.1	64.8	57.5	50.6	46.3	52.9	73.1	72.8	64.3	53.8	—	59.4
March	63.9	63.6	55.9	47.8	46.5	50.8	72.5	72.1	62.8	50.7	—	57.1
April	66.1	65.7	58.8	52.0	W	54.3	74.2	73.8	65.7	55.2	—	61.0
May	70.5	69.9	63.0	55.6	W	58.3	79.5	79.0	69.6	58.8	—	64.6
June	68.9	68.5	61.1	52.8	W	56.0	78.1	77.6	68.6	55.9	—	62.6
July	66.3	66.0	58.7	51.3	W	54.2	75.5	75.1	65.4	54.5	—	60.2
August	61.9	61.6	54.0	45.2	42.6	48.3	71.2	70.7	61.0	48.6	—	55.2
September	60.6	60.3	54.1	46.4	43.0	49.2	70.1	69.6	60.6	49.4	—	55.3
October	62.5	62.0	55.0	47.1	44.3	49.9	71.6	71.1	61.8	50.4	—	56.3
November	57.2	56.9	50.5	41.9	W	45.1	66.4	66.0	58.0	45.0	—	52.0
December	51.2	50.9	44.0	35.6	W	38.9	60.6	60.3	51.4	38.8	—	45.3
1998 Average	63.4	63.0	55.8	47.9	45.2	50.8	72.1	71.7	62.8	51.1	—	57.3
Oklahoma												
January	60.2	60.2	52.9	49.2	47.9	49.1	65.9	66.2	57.9	50.8	—	55.8
February	57.9	58.0	52.7	50.3	48.9	50.1	63.7	63.7	60.0	52.1	—	57.2
March	59.3	59.2	53.0	49.5	47.8	49.1	65.4	65.5	58.9	50.7	—	56.4
April	59.9	59.9	53.6	50.8	49.4	50.5	65.9	66.0	59.2	53.4	—	57.1
May	62.5	62.4	56.1	53.2	49.5	52.2	68.5	68.5	61.9	55.1	—	59.1
June	62.0	61.9	54.4	51.4	48.5	50.5	67.7	67.6	59.5	53.1	—	57.4
July	61.8	61.6	52.5	50.4	47.4	49.3	67.9	67.8	57.8	52.4	—	56.0
August	58.9	58.7	48.2	45.7	43.7	45.1	64.7	64.6	54.5	47.4	—	52.0
September	57.1	57.0	48.8	45.9	43.2	44.7	63.0	62.9	55.2	47.7	—	52.6
October	58.2	58.1	48.8	46.4	43.0	45.3	64.5	64.4	55.2	48.8	—	53.5
November	52.3	52.2	42.1	38.9	36.9	38.4	58.5	58.4	48.7	40.2	—	46.0
December	44.9	44.9	36.8	33.8	34.7	34.7	50.7	50.8	42.6	35.6	—	40.2
1998 Average	57.8	57.8	50.1	47.0	44.9	46.4	63.8	63.8	55.9	49.1	—	53.6

See footnotes at end of table.

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

Geographic Area Month	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												
January	76.6	76.1	65.1	59.7	—	60.8	65.8	65.8	57.4	52.9	—	53.7
February	75.9	75.5	66.6	60.4	—	61.6	64.4	64.6	58.0	53.6	—	54.4
March	76.9	76.5	66.5	59.1	—	60.7	65.9	66.0	57.6	52.4	—	53.3
April	77.0	76.7	67.6	61.3	—	62.5	65.9	66.1	58.4	54.6	—	55.2
May	78.3	78.2	69.7	63.7	—	64.8	67.5	67.6	60.5	56.9	—	57.5
June	77.8	77.7	67.7	61.2	—	62.4	66.3	66.5	58.4	54.7	—	55.3
July	78.1	77.7	67.2	60.8	—	62.0	66.3	66.3	57.8	53.8	—	54.5
August	76.1	75.8	61.9	55.4	—	56.7	64.4	64.2	53.1	48.2	—	49.1
September	74.6	74.4	61.7	56.4	—	57.4	63.3	63.3	52.8	48.6	—	49.3
October	73.1	72.7	61.3	55.8	—	56.9	62.3	62.4	53.1	48.8	—	49.5
November	68.2	68.1	NA	48.9	—	50.6	58.0	58.1	49.6	41.9	—	43.2
December	63.1	62.9	53.7	43.5	—	45.5	53.0	53.0	46.8	36.8	—	38.4
1998 Average	74.5	74.2	63.9	57.2	—	58.5	63.6	63.7	55.3	50.3	—	51.1
North Dakota												
January	83.7	82.8	66.0	60.0	—	62.0	76.8	76.5	58.6	52.3	—	53.5
February	78.4	77.6	65.2	60.4	—	61.7	72.2	72.0	57.2	52.6	—	53.5
March	77.8	77.1	66.4	60.0	—	61.9	72.5	72.4	56.8	51.9	—	52.9
April	81.8	80.9	69.1	63.0	—	64.7	76.1	75.3	60.1	54.7	—	55.7
May	77.6	77.3	71.8	65.7	—	67.6	74.7	74.6	62.8	57.2	—	58.3
June	79.5	79.2	69.9	63.6	—	65.2	74.7	74.4	61.0	55.2	—	56.3
July	79.8	79.5	69.1	63.0	—	64.5	74.7	74.3	60.4	54.6	—	55.6
August	78.1	77.7	65.1	58.7	—	60.4	73.5	72.8	56.5	50.0	—	51.2
September	76.1	75.5	63.9	57.6	—	59.3	71.2	71.0	55.4	49.4	—	50.5
October	75.9	75.1	64.3	58.1	—	59.8	70.7	70.7	55.8	50.1	—	51.1
November	72.7	72.0	58.1	51.2	—	53.0	67.4	67.0	50.1	43.7	—	44.9
December	66.1	65.1	52.8	45.8	—	47.6	60.6	60.4	44.2	38.0	—	39.2
1998 Average	77.3	76.7	65.2	58.8	—	60.6	72.1	71.9	56.7	50.9	—	52.0
Ohio												
January	80.5	80.0	70.7	58.7	—	64.1	68.3	67.9	60.5	50.8	47.2	54.5
February	80.5	79.9	71.1	60.0	—	65.0	68.3	67.9	60.5	52.1	46.3	55.2
March	79.9	79.2	69.1	57.1	W	62.5	67.2	66.9	59.0	49.3	46.7	53.1
April	82.5	81.8	72.6	61.9	W	65.6	69.3	68.9	61.9	53.5	48.3	56.6
May	87.0	86.2	76.6	65.9	W	70.7	73.8	73.2	66.0	57.3	W	60.7
June	85.6	84.9	74.7	62.8	—	68.4	72.3	71.8	64.3	54.4	W	58.4
July	83.4	82.7	72.1	61.3	—	66.4	69.8	69.4	61.8	53.0	W	56.6
August	79.1	78.3	67.1	55.4	—	60.8	65.4	65.0	57.1	47.0	42.6	50.8
September	78.1	77.3	67.3	56.5	—	61.5	64.3	63.9	57.1	48.1	43.0	51.5
October	79.5	78.7	68.2	57.1	—	62.2	66.1	65.6	58.0	48.8	44.3	52.3
November	74.5	73.7	63.8	51.8	—	57.4	60.9	60.5	53.7	43.5	W	47.6
December	68.6	67.9	57.6	45.2	—	50.9	55.1	54.7	47.3	37.3	W	41.4
1998 Average	79.8	79.1	69.1	57.6	51.7	62.8	66.8	66.4	58.9	49.5	45.5	53.2
Oklahoma												
January	71.7	71.2	60.4	55.6	48.5	56.0	62.4	62.4	54.0	50.3	47.9	49.8
February	70.5	70.2	61.1	57.4	NA	57.5	60.3	60.3	54.1	51.4	48.9	50.9
March	71.4	70.8	60.0	56.4	49.6	55.9	61.7	61.5	54.1	50.6	47.8	49.8
April	72.2	71.7	60.9	58.3	W	58.6	62.4	62.3	54.7	52.0	49.5	51.2
May	74.7	74.3	63.2	60.3	54.5	60.3	64.9	64.8	57.1	54.4	49.6	53.1
June	74.3	73.8	61.3	58.7	W	58.9	64.3	64.1	55.4	52.6	48.6	51.3
July	74.5	74.1	59.5	57.5	51.7	56.8	64.3	64.0	53.6	51.6	47.6	50.1
August	71.3	70.8	55.7	53.0	50.1	53.2	61.5	61.2	49.4	46.9	43.9	46.0
September	69.4	68.9	56.2	53.1	47.3	52.5	59.7	59.4	50.0	47.1	43.3	45.5
October	70.7	70.2	56.7	53.8	47.5	53.1	60.8	60.5	50.2	47.6	43.3	46.3
November	63.8	63.5	49.5	46.3	NA	45.1	54.8	54.6	43.4	40.2	36.9	39.2
December	56.9	56.5	44.2	40.8	35.1	40.2	47.5	47.4	37.9	35.0	34.8	35.3
1998 Average	69.8	69.4	57.6	53.9	46.4	53.5	60.3	60.1	51.3	48.2	44.9	47.2

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
South Dakota												
January	72.8	72.7	60.3	53.1	—	54.8	75.1	75.5	63.2	58.3	—	59.2
February	71.5	71.6	59.1	53.0	—	54.4	72.3	72.0	60.8	58.5	—	58.8
March	70.2	70.5	57.8	51.7	—	53.2	71.3	71.3	60.8	56.6	—	57.3
April	71.1	71.3	60.3	54.5	—	56.0	71.7	71.7	NA	NA	—	NA
May	72.7	72.9	62.2	56.7	—	58.0	73.8	74.0	65.3	NA	—	NA
June	72.3	72.5	60.4	54.8	—	56.2	73.2	73.1	63.4	NA	—	NA
July	71.6	71.6	60.3	54.3	—	55.9	74.0	74.2	62.4	NA	—	59.3
August	70.1	70.5	54.9	49.5	—	50.9	74.7	74.9	58.7	NA	—	NA
September	69.3	69.5	54.9	48.8	—	50.4	71.5	72.0	56.8	NA	—	54.4
October	69.2	69.5	54.4	49.0	—	50.3	70.3	71.1	54.7	NA	—	54.1
November	65.0	65.2	49.8	42.4	—	44.3	65.1	65.7	48.3	NA	—	NA
December	60.0	60.4	41.3	36.7	—	37.9	62.2	62.7	44.4	NA	—	43.1
1998 Average	69.7	69.9	56.3	50.4	—	51.9	71.3	71.6	58.0	NA	—	55.9
Tennessee												
January	62.9	62.6	59.6	50.5	—	51.8	73.3	73.2	68.6	55.3	—	58.4
February	61.1	60.8	58.6	49.2	W	50.6	71.0	70.8	66.4	53.9	—	56.8
March	59.2	58.9	56.5	47.0	—	48.4	68.8	68.6	64.6	51.5	—	54.4
April	60.1	59.8	58.0	50.2	—	51.4	69.6	69.5	65.9	54.8	—	57.4
May	60.9	60.7	59.2	52.2	—	53.3	70.5	70.4	67.8	57.0	—	59.4
June	59.9	59.7	58.5	49.7	—	51.0	69.6	69.5	66.8	53.9	—	57.0
July	58.8	58.6	55.7	47.6	—	48.9	68.7	68.5	64.5	52.2	—	55.0
August	55.1	54.9	51.9	42.7	—	44.1	65.1	65.0	60.7	47.5	—	50.3
September	53.7	53.4	51.7	44.1	—	45.2	63.4	63.3	60.5	48.7	—	51.3
October	56.4	56.2	52.3	46.7	—	47.5	65.5	65.4	61.0	51.4	—	53.4
November	51.8	51.6	47.2	39.1	—	40.3	61.8	61.7	57.1	43.8	—	46.6
December	46.9	46.6	42.7	34.0	—	35.2	56.9	56.8	53.6	38.6	—	42.5
1998 Average	57.2	56.9	54.3	46.1	W	47.3	66.9	66.8	63.0	50.6	—	53.4
Wisconsin												
January	65.9	65.7	57.4	50.1	—	51.3	72.7	72.8	63.8	55.4	—	57.9
February	65.1	65.0	57.1	51.8	—	52.7	72.8	72.7	63.3	56.3	—	58.3
March	63.5	63.3	55.6	49.6	W	50.6	71.2	71.1	61.9	54.8	—	56.9
April	66.5	66.4	59.9	53.6	—	54.6	74.1	74.1	66.0	59.0	—	61.2
May	70.2	70.0	63.0	57.1	W	58.1	77.6	77.6	68.6	62.9	—	64.7
June	68.9	68.7	61.4	54.9	W	55.9	76.4	76.3	NA	60.7	—	62.8
July	67.5	67.3	60.4	52.9	W	54.2	75.0	75.0	NA	57.8	—	60.4
August	63.1	63.0	54.2	46.4	W	47.7	71.1	71.1	NA	52.1	—	54.9
September	61.7	61.7	54.5	47.6	W	48.8	69.7	69.8	NA	53.0	—	55.3
October	61.9	61.6	54.2	47.5	W	48.6	69.7	69.7	60.5	52.8	—	55.2
November	57.1	57.0	49.0	41.4	—	42.7	64.9	65.1	NA	47.0	—	50.2
December	51.2	51.0	43.5	36.2	—	37.4	59.1	59.0	NA	41.7	—	44.7
1998 Average	63.5	63.4	55.9	49.1	45.8	50.3	71.1	71.1	62.1	54.7	—	57.0
PAD District III												
January	66.5	66.1	59.6	51.5	49.5	51.7	76.7	76.1	66.0	55.4	—	58.6
February	63.6	63.3	56.9	49.9	47.1	49.7	73.7	73.2	62.8	53.8	—	56.5
March	60.7	60.5	54.6	47.5	44.8	47.4	70.8	70.3	60.7	51.4	—	54.2
April	60.9	60.7	55.6	49.7	46.5	48.8	70.5	70.1	61.3	53.7	—	56.1
May	61.9	61.7	56.8	51.7	47.8	50.6	71.4	71.0	62.4	55.6	—	57.8
June	61.3	61.2	55.4	49.0	45.4	48.3	71.6	71.2	61.1	53.0	W	55.6
July	59.9	59.7	53.8	47.5	44.1	47.1	70.6	70.2	59.7	51.0	—	53.9
August	57.4	57.1	50.8	42.3	39.4	42.5	68.7	68.1	57.1	46.3	—	49.7
September	56.0	55.9	50.8	43.3	39.2	43.0	67.0	66.5	56.5	47.3	—	50.2
October	57.5	57.2	52.0	46.2	41.7	45.5	68.0	67.5	57.9	50.5	—	52.7
November	54.9	54.5	48.4	39.4	36.6	39.8	66.1	65.6	54.4	43.6	—	46.8
December	50.7	50.4	43.5	34.1	31.7	34.6	62.0	61.4	50.2	38.5	—	41.8
1998 Average	59.2	59.0	53.2	45.9	43.6	46.0	69.7	69.2	59.2	50.0	W	52.8

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
South Dakota												
January	82.6	82.5	66.0	61.6	—	62.8	73.7	73.7	60.9	54.1	—	55.7
February	81.2	81.2	63.8	60.4	—	61.4	72.0	72.1	59.6	53.9	—	55.2
March	80.9	80.9	63.5	59.8	—	61.1	70.9	71.1	58.6	52.7	—	54.2
April	83.2	83.2	66.7	62.9	—	63.9	71.7	71.8	60.9	55.4	—	56.7
May	86.6	86.5	68.6	65.3	—	66.2	73.5	73.7	63.0	57.6	—	58.9
June	85.8	85.8	68.0	63.8	—	65.0	73.0	73.2	61.2	55.7	—	57.1
July	86.6	86.6	68.0	64.1	—	65.3	72.8	72.8	61.1	55.3	—	56.9
August	85.7	85.7	64.3	60.0	—	61.5	71.9	72.1	56.2	50.6	—	52.1
September	83.4	83.4	62.0	57.5	—	58.8	70.4	70.6	55.6	49.8	—	51.3
October	83.6	83.4	61.2	58.1	—	58.9	70.0	70.4	54.8	50.0	—	51.2
November	80.5	80.3	56.4	51.6	—	52.9	65.7	66.0	50.1	43.4	—	45.2
December	75.0	74.9	50.1	45.9	—	47.1	61.2	61.5	42.3	37.9	—	39.0
1998 Average	83.1	83.1	63.4	59.3	—	60.5	70.6	70.8	57.0	51.4	—	52.8
Tennessee												
January	81.5	81.1	74.9	60.1	—	62.3	68.2	67.9	64.3	53.1	—	54.9
February	79.5	79.0	72.5	58.8	—	60.8	66.3	66.0	62.8	51.8	W	53.5
March	77.5	77.1	70.3	56.4	—	58.4	64.3	64.0	60.6	49.5	—	51.3
April	78.8	78.4	71.8	60.3	—	62.0	65.2	64.9	62.1	52.9	—	54.3
May	80.0	79.5	73.4	62.8	—	64.3	66.1	65.8	63.4	55.1	—	56.4
June	79.0	78.5	72.5	59.6	—	61.5	65.1	64.8	62.6	52.2	—	53.9
July	77.9	77.4	69.6	57.9	—	59.5	64.1	63.7	59.7	50.3	—	51.8
August	74.0	73.5	65.5	53.1	—	54.9	60.4	60.1	56.0	45.5	—	47.1
September	72.8	72.3	64.9	54.2	—	55.7	59.1	58.8	55.9	46.9	—	48.3
October	75.7	75.1	66.8	56.7	—	58.2	61.7	61.4	56.8	49.5	—	50.6
November	70.7	70.2	60.1	48.9	—	50.6	57.3	57.1	51.6	41.9	—	43.4
December	65.4	65.0	55.0	43.6	—	45.2	52.5	52.2	47.6	36.8	—	38.5
1998 Average	75.8	75.3	67.8	55.8	—	57.6	62.4	62.1	58.5	48.7	W	50.3
Wisconsin												
January	77.5	77.1	67.2	58.8	—	60.4	67.8	67.6	59.3	51.4	—	52.9
February	77.3	77.0	66.6	60.6	—	61.8	67.0	66.8	58.9	53.0	—	54.0
March	75.5	75.1	65.9	58.5	—	60.0	65.3	65.1	57.4	50.7	W	51.9
April	79.4	79.0	69.7	63.0	—	64.4	68.4	68.2	61.6	54.8	—	56.0
May	83.3	82.8	74.0	67.6	—	68.9	72.1	71.9	64.8	58.5	W	59.6
June	82.0	81.5	72.0	65.2	—	66.6	70.8	70.6	63.3	56.2	W	57.5
July	80.5	80.0	69.6	63.0	—	64.3	69.5	69.3	62.1	54.3	W	55.7
August	76.5	76.1	65.1	57.1	W	58.7	65.3	65.1	56.3	47.9	W	49.4
September	76.0	75.6	64.8	57.9	—	59.3	63.9	63.8	56.4	49.0	W	50.3
October	75.2	74.6	64.6	57.5	—	59.1	63.9	63.6	56.1	48.8	W	50.1
November	70.0	69.6	59.6	51.1	—	52.9	59.1	59.0	51.1	42.7	—	44.2
December	64.3	63.8	54.4	45.9	—	47.6	53.3	53.1	45.7	37.5	—	39.0
1998 Average	76.4	76.0	66.0	58.8	W	60.2	65.5	65.3	57.7	50.4	47.2	51.8
PAD District III												
January	84.2	83.3	71.2	60.7	52.5	61.6	70.7	70.1	62.6	53.4	49.7	53.5
February	81.4	80.8	68.7	59.2	49.8	60.5	67.9	67.4	59.9	51.8	47.2	51.5
March	78.6	78.1	66.6	56.9	46.9	57.7	65.0	64.7	57.7	49.5	44.9	49.3
April	78.2	77.6	67.2	59.4	50.1	58.8	65.1	64.8	58.5	51.7	46.7	50.6
May	79.2	78.8	68.5	61.4	53.0	61.0	66.2	65.8	59.8	53.7	48.2	52.5
June	78.6	78.2	67.3	58.8	51.0	59.4	65.7	65.4	58.4	51.0	45.7	50.2
July	77.7	77.3	65.8	57.0	49.9	58.0	64.4	64.0	57.0	49.5	44.5	49.1
August	74.7	73.9	63.5	52.3	45.9	53.3	62.0	61.5	54.1	44.4	40.1	44.7
September	73.5	72.8	62.6	53.0	44.2	53.0	60.6	60.3	53.8	45.4	39.7	45.1
October	75.6	75.1	64.3	56.1	45.7	56.2	62.0	61.5	55.1	48.3	42.1	47.7
November	73.0	72.4	60.8	48.9	41.0	49.3	59.6	59.0	51.5	41.5	37.2	42.0
December	68.7	68.1	56.0	43.8	33.4	43.9	55.5	55.0	46.8	36.3	31.9	36.7
1998 Average	76.7	76.1	65.1	55.3	46.3	55.7	63.6	63.2	56.3	47.9	43.8	47.8

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Alabama												
January	70.0	69.6	58.5	50.4	—	52.8	78.9	78.0	65.8	55.1	—	59.2
February	67.2	66.8	57.9	49.0	—	51.7	75.1	74.3	62.6	53.7	—	57.1
March	64.2	63.8	54.7	46.7	—	49.1	72.5	71.7	60.4	51.2	—	54.9
April	62.5	62.2	55.4	49.5	—	51.4	70.9	70.3	60.6	54.1	—	56.6
May	63.0	62.7	56.2	51.6	—	53.1	71.6	71.0	61.3	56.2	—	58.3
June	63.7	63.3	54.8	48.7	W	50.6	72.2	71.7	60.1	53.6	—	56.4
July	61.6	61.3	53.5	47.0	—	49.1	70.6	70.0	58.8	51.6	—	54.9
August	60.2	59.8	51.1	42.5	—	45.2	69.3	68.3	57.0	47.0	—	51.6
September	58.5	58.1	51.5	43.5	—	46.0	67.1	66.4	56.9	48.2	—	52.1
October	59.3	59.0	52.2	46.6	—	48.3	68.1	67.3	57.8	51.2	—	53.8
November	57.2	56.8	48.0	39.2	W	41.9	66.0	65.2	53.4	43.8	—	47.7
December	53.9	53.3	43.7	33.8	W	37.0	62.4	61.6	48.5	38.5	—	42.5
1998 Average	61.8	61.4	53.0	45.7	39.9	47.9	70.3	69.5	58.5	50.4	—	53.7
Arkansas												
January	65.1	64.5	57.1	50.7	W	51.6	74.3	73.2	60.3	54.6	—	55.9
February	61.5	61.5	56.5	49.8	W	50.6	70.8	70.2	59.7	53.3	—	54.9
March	59.4	59.3	55.9	47.8	W	48.8	69.2	68.3	59.0	50.9	—	52.9
April	60.3	60.3	56.8	50.5	46.9	51.3	69.8	69.0	60.8	54.0	—	55.7
May	62.0	62.0	58.4	52.8	W	53.1	70.9	70.2	62.2	56.1	—	57.6
June	60.9	61.1	56.3	49.7	W	50.6	70.0	69.6	59.5	53.1	—	54.6
July	59.7	59.2	53.4	48.0	W	48.7	69.1	68.4	56.1	51.3	—	52.4
August	57.3	57.3	50.9	43.3	W	44.5	66.3	65.5	54.0	46.8	—	48.5
September	56.3	56.2	51.2	44.8	W	45.5	65.4	64.6	55.3	48.4	—	50.0
October	57.4	56.6	50.7	47.1	W	47.5	67.0	65.9	54.3	50.9	—	51.8
November	52.6	52.2	46.7	39.5	W	40.3	62.7	61.5	49.0	43.4	—	44.7
December	47.5	47.0	42.9	34.2	W	35.3	57.9	56.8	45.8	38.2	—	39.9
1998 Average	58.2	58.0	53.1	46.5	W	47.3	67.7	66.9	56.4	50.1	—	51.6
Louisiana												
January	68.2	67.3	65.1	49.5	48.6	51.0	78.7	77.8	71.2	53.9	—	60.1
February	64.7	63.8	60.2	47.9	46.2	49.1	75.6	74.7	66.2	52.2	—	56.8
March	62.0	61.2	58.5	45.8	44.7	47.2	73.0	71.4	64.5	50.1	—	55.1
April	61.2	60.5	58.1	48.0	46.3	49.0	72.2	71.4	63.9	52.3	—	56.1
May	61.4	60.8	57.9	50.1	47.9	50.9	72.3	71.7	64.4	54.1	—	57.7
June	61.3	60.5	57.0	47.6	45.2	48.6	71.6	70.8	63.5	51.8	—	56.2
July	60.4	59.7	55.9	45.5	43.5	46.4	71.7	70.9	61.9	49.5	—	54.3
August	58.2	57.3	52.9	40.7	38.8	42.0	69.6	68.7	59.6	44.8	—	50.4
September	57.3	56.5	53.4	42.1	38.7	42.9	68.3	67.5	59.4	46.1	—	50.3
October	57.2	56.7	54.3	45.3	40.5	46.0	68.9	68.2	60.2	49.7	—	53.5
November	55.5	54.6	52.9	38.2	36.7	40.0	66.7	65.8	58.9	42.7	—	47.7
December	51.0	50.1	45.0	33.1	31.8	34.2	61.9	61.0	52.7	37.7	—	42.0
1998 Average	59.9	59.1	55.9	44.4	42.4	45.5	70.8	69.9	62.5	48.9	—	53.6
Mississippi												
January	69.0	68.1	61.1	49.8	50.3	52.1	78.5	77.9	66.6	54.5	—	58.8
February	66.0	65.6	59.0	48.8	45.6	50.2	75.5	75.0	65.5	53.0	—	57.5
March	63.5	63.2	56.6	46.2	43.8	48.2	72.9	72.5	63.4	50.5	—	55.0
April	64.0	63.9	57.4	48.9	46.2	50.0	72.6	72.2	63.9	53.2	—	57.1
May	64.8	64.7	58.9	50.8	47.6	51.9	73.6	73.3	65.5	55.2	—	58.8
June	64.3	64.1	57.3	47.7	46.5	49.3	73.3	73.0	64.4	52.3	—	56.5
July	63.3	63.0	55.8	46.0	43.9	47.6	72.5	72.1	62.7	50.6	—	54.7
August	60.4	60.1	53.6	41.2	38.6	43.0	70.4	70.0	59.9	45.7	—	50.5
September	59.4	59.2	55.6	42.8	38.1	43.9	69.2	68.9	60.7	47.1	—	51.6
October	60.7	60.5	54.4	45.7	41.9	47.3	70.4	70.1	60.9	50.3	—	54.0
November	58.3	58.1	49.6	38.3	34.8	40.8	68.2	67.9	58.5	42.6	—	48.3
December	54.5	54.1	45.8	33.2	31.6	36.0	61.9	61.5	56.0	37.7	—	43.8
1998 Average	62.3	62.1	55.4	44.9	43.6	46.9	71.4	71.1	62.4	49.5	—	54.0

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
Alabama												
January	86.9	85.9	71.0	60.5	—	63.7	74.4	73.8	62.1	53.0	—	55.8
February	83.3	82.3	69.9	59.1	—	62.3	71.3	70.8	61.0	51.6	—	54.6
March	80.7	79.7	67.4	56.7	—	60.0	68.5	68.0	58.3	49.3	—	52.2
April	79.4	78.6	67.3	59.8	—	62.2	67.0	66.6	58.6	52.2	—	54.3
May	80.1	79.5	68.2	62.2	—	64.1	67.5	67.2	59.5	54.4	—	56.1
June	80.9	80.0	67.2	59.5	—	61.8	68.3	67.8	58.2	51.6	W	53.7
July	78.8	77.9	66.1	58.2	—	60.7	66.3	65.8	56.9	50.0	—	52.3
August	76.1	75.3	64.7	53.7	—	57.2	64.9	64.4	54.9	45.5	—	48.6
September	74.1	73.3	64.1	54.1	—	57.1	63.2	62.7	54.9	46.4	—	49.2
October	76.8	76.1	65.7	57.0	—	59.7	64.1	63.6	55.9	49.4	—	51.4
November	74.6	73.7	60.7	49.3	—	52.7	62.0	61.5	51.4	41.9	W	45.0
December	70.9	70.2	55.8	43.9	—	47.6	58.7	58.1	46.9	36.7	W	40.0
1998 Average	78.3	77.5	65.5	56.0	—	58.9	66.3	65.8	56.4	48.4	39.9	51.0
Arkansas												
January	81.7	80.1	68.0	59.7	W	60.6	68.3	67.4	59.3	52.5	W	53.5
February	79.0	77.7	66.6	58.8	W	59.5	64.8	64.4	58.7	51.5	W	52.5
March	77.1	75.9	66.0	56.9	W	57.1	62.9	62.4	58.1	49.5	W	50.5
April	78.1	76.5	67.7	60.0	W	60.0	63.7	63.2	59.2	52.4	47.5	53.2
May	79.4	77.8	68.8	62.2	W	61.6	65.4	64.9	60.7	54.6	W	55.1
June	77.8	76.6	66.8	59.3	W	60.4	64.2	64.0	58.6	51.6	W	52.6
July	76.7	75.0	63.7	57.6	W	57.7	63.0	62.2	55.5	50.0	W	50.7
August	74.8	73.0	62.0	53.3	W	54.2	60.7	60.2	53.3	45.4	W	46.7
September	73.6	72.0	62.1	54.4	W	54.4	59.7	59.2	53.6	46.8	W	47.7
October	75.4	73.2	61.2	56.8	W	56.1	61.0	59.8	53.0	49.1	W	49.5
November	70.5	68.9	56.7	49.0	—	50.5	56.4	55.5	48.8	41.5	W	42.4
December	65.2	63.7	52.9	43.5	NA	45.3	51.3	50.4	45.0	36.2	W	37.4
1998 Average	75.4	74.0	63.5	55.8	W	56.5	61.6	61.1	55.3	48.4	W	49.3
Louisiana												
January	86.5	84.5	76.9	58.9	53.3	59.2	73.3	72.2	68.7	51.9	49.6	53.5
February	83.5	81.3	73.3	57.3	49.5	59.4	69.9	68.9	64.1	50.3	46.6	51.7
March	81.0	78.8	71.2	55.2	45.3	55.2	67.4	66.3	62.4	48.2	44.8	49.6
April	80.2	78.3	70.7	57.5	50.1	58.6	66.6	65.8	61.8	50.4	46.8	51.5
May	80.4	78.7	71.3	59.5	53.2	60.8	66.9	66.1	62.0	52.5	48.8	53.6
June	79.9	77.9	71.2	57.3	52.1	58.7	66.6	65.7	61.1	50.1	46.8	51.5
July	79.7	77.8	68.9	55.3	W	56.5	66.0	65.1	60.2	48.0	44.8	49.4
August	77.8	75.5	66.9	50.6	W	52.8	64.0	62.8	57.3	43.2	40.7	45.1
September	77.0	75.1	66.0	51.9	44.2	50.6	63.0	62.0	57.1	44.6	40.7	45.5
October	76.9	75.3	66.8	55.2	42.2	55.8	63.0	62.2	58.1	47.8	40.8	48.8
November	74.7	72.5	65.2	48.0	40.0	47.5	61.2	60.1	56.7	40.8	37.7	42.5
December	69.9	67.9	58.5	42.6	32.5	40.2	56.7	55.7	49.3	35.7	32.0	36.3
1998 Average	78.7	76.8	68.7	54.0	44.8	53.7	65.3	64.3	59.9	46.9	42.9	48.0
Mississippi												
January	87.4	84.9	72.9	59.8	W	61.1	73.5	72.5	63.8	52.2	50.8	54.4
February	85.0	84.1	70.2	58.3	W	60.8	70.7	70.3	61.7	51.0	45.6	52.5
March	82.2	81.4	68.0	55.6	W	58.2	68.2	67.9	59.4	48.5	44.1	50.5
April	81.8	81.1	69.0	58.7	W	59.7	68.4	68.2	60.2	51.3	46.5	52.3
May	82.8	82.2	70.5	60.8	W	61.8	69.3	69.2	61.7	53.2	48.0	54.3
June	82.6	82.0	68.5	58.1	W	59.0	68.9	68.6	60.1	50.2	46.7	51.6
July	81.8	81.1	68.1	56.5	47.8	58.0	68.0	67.7	58.9	48.5	44.3	50.1
August	74.1	73.5	65.2	51.7	W	54.0	64.8	64.4	56.5	43.7	39.3	45.6
September	75.2	74.5	64.7	53.0	W	54.6	64.1	63.8	57.9	45.3	38.4	46.3
October	79.5	78.8	66.7	55.9	W	57.9	65.5	65.2	57.3	48.2	42.1	49.9
November	77.3	76.3	62.7	48.0	W	51.1	63.2	63.0	53.1	40.7	35.6	43.5
December	72.2	71.0	58.1	42.9	31.8	44.1	58.9	58.5	49.3	35.7	31.7	38.5
1998 Average	79.8	78.9	67.0	54.8	46.1	56.5	66.9	66.6	58.3	47.3	43.9	49.2

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
New Mexico												
January	78.2	77.9	63.3	59.0	—	59.8	87.0	86.3	69.5	64.4	—	65.1
February	75.0	74.4	58.2	54.6	—	55.2	83.9	83.1	64.3	59.8	—	60.5
March	69.2	68.7	55.7	52.2	—	52.8	78.3	77.8	61.5	56.7	—	57.4
April	69.7	69.1	57.3	53.6	—	54.2	77.8	77.0	62.5	57.9	—	58.5
May	69.1	68.5	59.6	55.8	—	56.4	77.4	76.9	63.9	60.0	—	60.6
June	68.6	68.1	58.5	54.7	—	55.4	77.7	77.2	63.8	58.7	—	59.5
July	67.1	66.9	58.2	53.6	—	54.3	76.2	76.0	63.0	58.1	—	59.0
August	66.2	65.7	54.1	49.0	—	49.9	75.5	75.1	59.6	54.1	—	55.2
September	64.1	63.7	51.7	46.6	—	47.5	74.0	73.6	56.3	51.1	—	52.0
October	63.5	63.0	52.6	49.4	—	50.0	72.4	72.1	58.8	53.9	—	54.9
November	61.8	61.3	52.3	47.0	—	47.9	70.6	70.2	55.1	51.5	—	52.2
December	59.4	58.9	46.2	41.2	—	42.0	68.2	67.6	50.4	45.7	—	46.7
1998 Average	67.5	67.1	55.6	51.4	—	52.1	76.3	75.8	60.6	56.6	—	57.2
Texas												
January	64.5	64.3	58.6	51.8	49.7	51.3	74.9	74.6	64.5	55.5	—	57.9
February	61.8	61.6	55.1	50.2	47.3	49.2	72.2	71.9	61.1	54.1	—	55.9
March	59.0	59.0	52.9	47.9	44.9	46.8	69.2	69.0	58.9	51.7	—	53.6
April	59.3	59.3	54.3	49.7	46.5	48.1	69.1	68.8	60.1	53.7	—	55.4
May	60.5	60.5	55.7	51.5	47.8	49.7	70.2	70.0	61.4	55.6	—	57.2
June	59.8	59.8	54.5	48.8	45.3	47.4	70.6	70.3	60.1	52.8	W	54.8
July	58.5	58.5	52.8	47.6	44.2	46.4	69.7	69.5	59.1	50.8	—	53.2
August	55.7	55.5	49.2	42.0	39.5	41.6	67.6	67.2	55.8	46.0	—	48.7
September	54.3	54.4	48.6	43.1	39.3	42.0	65.8	65.5	54.4	47.1	—	49.1
October	56.3	56.1	50.9	45.9	41.8	44.5	67.0	66.7	56.8	50.2	—	51.9
November	53.6	53.3	47.2	39.2	36.7	39.0	65.6	65.2	53.2	43.6	—	46.0
December	49.1	49.2	42.3	33.9	31.8	33.8	61.7	61.3	49.7	38.5	—	41.2
1998 Average	57.6	57.5	51.9	45.7	43.7	45.3	68.6	68.3	58.0	49.8	W	52.0
PAD District IV												
January	79.0	77.8	63.1	56.2	W	58.1	88.7	87.4	69.8	60.6	—	64.2
February	70.6	69.9	58.2	53.3	W	54.5	79.2	78.1	62.5	57.6	—	59.6
March	65.6	65.4	54.7	50.8	W	51.7	74.2	73.5	59.5	54.8	—	56.9
April	68.2	67.8	58.1	55.3	W	56.0	77.2	76.5	62.5	59.8	—	61.0
May	71.8	71.3	62.5	59.4	W	60.2	80.8	80.2	67.0	64.7	—	65.7
June	73.5	72.7	61.9	58.6	W	59.5	82.4	81.8	67.4	63.3	—	65.2
July	71.3	70.9	61.4	58.1	—	59.0	80.6	80.1	66.0	62.4	—	64.0
August	70.1	69.7	60.1	56.3	—	57.3	78.9	78.5	64.5	60.0	—	62.0
September	69.2	68.7	59.3	55.1	—	56.3	78.0	77.5	64.0	59.5	—	61.5
October	68.6	68.1	60.0	55.6	W	56.7	78.4	77.9	64.4	60.9	—	62.4
November	65.4	65.1	56.0	50.8	W	52.0	76.5	76.0	61.7	56.1	—	58.4
December	57.4	57.0	47.1	40.5	31.1	41.9	67.4	66.9	52.8	45.2	—	48.3
1998 Average	69.1	68.6	58.7	54.3	40.1	55.4	78.2	77.6	63.6	58.7	—	60.8
Colorado												
January	79.8	78.8	64.7	55.3	W	57.6	92.1	91.0	71.1	59.1	—	63.5
February	71.2	70.4	56.8	51.4	W	52.6	81.7	80.8	61.3	55.2	—	57.4
March	64.9	64.7	54.7	50.6	W	51.5	75.3	74.8	57.8	54.3	—	55.6
April	68.4	67.8	57.4	54.0	W	54.7	79.6	78.7	61.0	57.5	—	58.8
May	71.4	70.5	60.0	57.1	W	57.7	81.7	80.7	64.9	61.2	—	62.6
June	75.3	74.0	60.6	56.2	W	57.3	85.9	85.0	66.2	60.1	—	62.2
July	70.9	70.2	58.6	54.8	—	55.6	81.8	81.1	63.4	58.6	—	60.2
August	69.0	68.2	54.9	50.6	—	51.5	79.6	79.0	59.8	54.5	—	56.3
September	67.9	67.0	53.0	48.5	—	49.5	78.8	78.1	57.9	52.4	—	54.3
October	67.8	66.8	54.0	49.8	W	50.6	80.2	79.4	59.5	54.1	—	56.1
November	64.3	63.6	53.3	45.2	W	46.6	78.1	77.4	59.1	49.6	—	53.2
December	56.8	56.2	45.8	37.3	W	38.9	69.1	68.5	50.9	41.9	—	45.3
1998 Average	68.7	68.0	56.4	50.9	W	52.0	79.8	79.0	61.1	55.0	—	57.2

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
New Mexico												
January	93.8	92.4	72.7	68.8	—	69.4	80.8	80.3	64.8	60.7	—	61.4
February	89.7	88.3	66.0	64.1	—	64.4	77.5	76.8	59.5	56.2	—	56.8
March	85.0	83.8	65.1	61.6	—	62.3	72.0	71.5	57.5	53.8	—	54.4
April	84.9	83.9	66.0	62.9	—	63.4	72.3	71.6	58.8	55.1	—	55.7
May	84.6	83.7	68.8	64.9	—	65.7	71.7	71.1	61.5	57.4	—	58.1
June	84.4	83.8	67.9	63.7	—	64.5	71.5	70.9	60.4	56.3	—	57.0
July	83.7	83.2	67.5	63.3	—	64.2	70.1	69.8	60.2	55.3	—	56.2
August	83.0	82.3	65.5	58.7	—	60.1	69.3	68.8	56.4	50.7	—	51.8
September	80.4	80.0	61.6	56.3	—	57.3	67.2	66.8	53.5	48.3	—	49.2
October	80.0	79.6	62.1	58.9	—	59.5	66.4	66.0	54.5	51.1	—	51.7
November	78.1	76.7	62.0	56.6	—	57.6	64.7	64.1	54.0	48.7	—	49.6
December	75.1	74.2	57.5	50.8	—	51.8	62.3	61.8	48.2	43.0	—	43.8
1998 Average	83.2	82.4	65.2	60.6	—	61.5	70.3	69.8	57.4	53.0	—	53.8
Texas												
January	82.5	82.2	69.8	61.1	51.1	61.7	68.6	68.3	61.4	53.5	49.7	52.7
February	79.9	79.7	66.8	59.7	50.0	60.1	66.0	65.8	58.0	52.0	47.4	50.5
March	77.0	76.9	64.6	57.3	48.4	57.5	63.3	63.1	55.8	49.6	45.0	48.3
April	76.5	76.4	65.5	59.5	50.2	57.4	63.4	63.2	57.0	51.6	46.7	49.4
May	77.8	77.8	67.4	61.3	53.2	59.7	64.7	64.6	58.6	53.4	48.2	51.2
June	76.9	76.9	65.9	58.7	50.9	58.4	64.1	63.9	57.2	50.7	45.6	48.8
July	76.3	76.3	64.3	56.6	50.1	57.2	62.9	62.8	55.7	49.3	44.4	47.8
August	73.5	73.1	61.5	51.8	45.2	51.7	60.3	59.9	52.4	43.9	40.0	43.3
September	72.1	71.7	60.7	52.5	43.9	52.0	58.8	58.7	51.6	44.9	39.7	43.7
October	74.3	74.2	62.8	55.7	46.3	54.8	60.7	60.4	53.8	47.8	42.1	46.2
November	71.7	71.5	59.3	48.6	41.4	48.2	58.2	57.8	50.1	41.2	37.2	40.7
December	67.5	67.4	55.2	43.8	34.3	43.6	54.0	53.8	45.7	36.0	32.0	35.6
1998 Average	75.3	75.1	63.7	55.1	46.7	54.7	62.0	61.7	54.8	47.6	43.9	46.7
PAD District IV												
January	96.3	94.3	73.2	66.1	W	68.1	83.0	81.5	65.9	58.2	W	60.4
February	87.5	85.9	67.9	63.0	W	64.6	74.5	73.5	60.8	55.2	W	56.8
March	82.7	81.1	64.2	60.4	—	61.6	69.4	68.9	57.4	52.7	W	54.0
April	85.3	83.6	67.2	65.0	—	65.7	72.1	71.4	60.6	57.2	W	58.2
May	89.1	87.0	71.6	69.3	—	70.0	75.7	74.8	65.0	61.5	W	62.5
June	90.4	87.9	71.2	68.5	—	69.4	77.4	76.2	64.6	60.7	W	61.8
July	88.9	87.0	70.9	68.1	—	69.0	75.6	74.8	64.1	60.2	—	61.4
August	87.9	85.9	69.2	66.5	—	67.4	74.4	73.6	62.7	58.4	—	59.7
September	87.3	85.3	68.4	65.1	—	66.2	73.5	72.6	61.9	57.3	—	58.7
October	87.4	85.1	68.9	65.8	W	66.7	73.4	72.4	62.6	57.9	W	59.2
November	84.8	82.7	65.7	60.9	W	61.9	70.4	69.7	58.7	53.1	W	54.4
December	76.1	74.2	57.3	50.4	W	52.2	62.3	61.5	50.2	42.7	34.1	44.6
1998 Average	86.7	84.7	68.1	64.0	W	65.2	73.3	72.5	61.4	56.3	41.1	57.7
Colorado												
January	100.2	99.1	75.5	64.0	W	66.9	84.6	83.4	67.6	57.0	W	59.8
February	90.3	89.1	66.9	60.0	W	62.0	75.7	74.8	59.5	53.0	W	54.7
March	84.3	82.8	64.0	59.3	—	60.7	69.4	68.9	57.0	52.3	W	53.4
April	88.8	86.6	66.7	62.5	—	63.9	73.1	72.3	59.7	55.6	W	56.6
May	91.2	88.2	70.2	65.6	—	67.0	75.8	74.6	62.8	58.8	W	59.8
June	94.7	90.8	70.1	65.0	—	66.6	79.7	78.1	63.2	58.0	W	59.4
July	91.2	88.7	68.3	63.6	—	65.1	75.7	74.8	61.4	56.6	—	57.8
August	89.4	86.7	64.1	59.5	—	60.9	73.9	72.8	57.7	52.4	—	53.7
September	88.7	86.2	62.1	57.4	—	58.9	73.0	71.9	55.7	50.4	—	51.8
October	90.4	86.9	63.5	58.9	W	60.1	73.8	72.5	57.1	51.8	W	53.0
November	86.7	84.4	62.2	54.2	W	55.4	70.4	69.4	56.2	47.1	W	48.9
December	78.1	76.0	54.9	46.2	W	48.2	62.6	61.8	48.6	39.3	W	41.4
1998 Average	88.9	86.5	65.5	59.4	W	61.0	73.6	72.6	59.0	52.6	W	54.1

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Idaho												
January	81.1	78.4	65.2	55.3	—	58.7	88.5	86.1	70.7	59.9	—	64.3
February	72.9	71.9	60.7	53.6	—	56.0	81.3	79.3	64.9	58.1	—	61.0
March	67.1	67.7	56.5	49.8	—	52.1	76.8	76.2	61.3	54.2	—	57.4
April	66.5	67.2	59.4	56.1	—	57.3	76.3	75.8	63.9	60.5	—	62.1
May	71.6	72.4	65.0	62.5	—	63.4	80.8	80.6	69.3	67.0	—	68.1
June	72.8	72.9	64.3	61.4	—	62.4	81.8	81.4	68.9	66.3	—	67.5
July	72.4	72.6	64.2	60.6	—	61.8	81.2	80.8	68.8	65.5	—	67.0
August	72.6	72.8	64.6	60.5	—	61.9	81.5	81.2	69.4	65.3	—	67.1
September	72.9	72.8	64.7	61.3	—	62.5	80.7	80.5	69.7	65.9	—	67.6
October	71.7	71.7	64.5	61.3	—	62.3	79.6	79.3	69.5	66.2	—	67.2
November	70.3	70.0	60.4	56.3	—	57.5	78.1	77.5	64.8	61.0	—	62.1
December	61.9	61.8	49.8	42.5	W	44.3	71.1	70.5	53.3	47.6	—	49.1
1998 Average	71.1	71.1	62.1	56.9	W	58.6	79.8	79.2	66.9	61.6	—	63.7
Montana												
January	81.6	81.3	67.0	60.4	—	61.3	87.9	88.2	71.3	66.9	—	67.3
February	77.0	76.9	63.2	57.5	—	58.2	83.0	83.3	73.4	63.4	—	64.1
March	73.7	73.6	58.9	53.4	—	54.0	80.3	80.3	67.7	58.6	—	59.3
April	74.5	74.6	58.6	55.8	—	56.1	81.3	81.1	66.2	60.5	—	61.0
May	74.1	74.2	61.2	59.1	—	59.4	80.4	80.3	67.1	64.3	—	64.5
June	73.7	74.0	62.0	59.9	—	60.2	79.7	79.7	67.5	65.4	—	65.6
July	73.8	74.3	62.7	60.7	—	61.0	80.3	80.3	66.9	66.2	—	66.3
August	73.4	73.8	63.1	61.2	—	61.5	79.3	79.4	67.5	66.2	—	66.4
September	73.4	73.5	63.2	58.9	—	59.5	79.1	79.2	66.4	64.0	—	64.2
October	71.2	71.4	62.0	58.1	—	58.6	75.5	75.8	65.0	63.2	—	63.3
November	66.9	67.6	56.4	53.2	—	53.6	72.1	72.6	60.8	58.0	—	58.1
December	58.6	58.9	50.4	45.5	—	46.1	63.2	64.2	50.5	51.4	—	51.3
1998 Average	72.6	72.9	60.9	57.2	—	57.7	78.2	78.2	66.0	62.2	—	62.5
Utah												
January	74.6	73.1	59.0	55.3	—	56.7	82.8	81.5	68.3	60.9	—	64.4
February	64.2	63.6	56.0	53.2	—	54.2	72.8	71.6	62.3	58.6	—	60.5
March	61.2	60.8	52.3	49.2	—	50.3	68.9	67.9	60.0	54.7	—	57.4
April	63.8	63.3	57.8	56.4	—	56.9	72.4	71.8	62.9	62.0	—	62.4
May	70.8	70.0	63.4	62.3	—	62.7	79.1	78.8	67.5	68.2	—	67.8
June	69.8	68.6	61.7	59.5	—	60.4	78.4	78.0	67.5	65.7	—	66.8
July	69.0	67.9	60.7	58.4	—	59.2	77.6	77.4	NA	64.9	—	65.8
August	67.9	67.0	59.6	57.3	—	58.2	76.3	76.0	NA	63.4	—	64.6
September	66.6	65.7	59.3	58.5	—	58.8	75.0	74.6	65.7	64.8	—	65.3
October	66.3	65.6	60.8	59.5	—	60.1	75.3	74.9	66.0	65.5	—	65.7
November	64.3	63.6	55.7	55.3	—	55.5	73.6	73.1	62.7	60.6	—	61.7
December	54.8	53.8	45.8	40.4	—	42.4	63.2	62.7	54.0	46.0	—	50.1
1998 Average	66.1	65.2	57.8	55.5	—	56.4	74.6	74.0	64.2	61.1	—	62.8
Wyoming												
January	78.7	77.8	65.5	55.2	—	56.3	85.5	83.1	71.3	61.8	—	65.4
February	72.8	72.3	61.6	52.2	—	53.3	81.4	79.9	69.8	58.9	—	62.9
March	72.0	69.8	54.6	51.1	—	51.5	80.8	79.7	62.8	55.3	—	58.2
April	73.4	72.9	58.6	55.0	—	55.4	83.0	81.7	68.2	61.4	—	64.2
May	74.7	72.8	62.1	57.8	—	58.4	83.9	82.8	71.3	66.4	—	68.4
June	75.3	74.1	61.0	57.6	—	58.1	83.5	82.4	70.0	65.0	—	67.0
July	76.1	75.2	64.9	58.6	—	59.7	83.6	82.8	71.3	64.9	—	67.5
August	75.8	74.6	63.9	56.8	—	58.2	82.7	81.6	67.7	63.6	—	65.1
September	74.5	72.7	62.1	54.0	—	55.4	81.7	80.6	66.5	64.2	—	65.2
October	72.8	71.5	60.8	53.6	—	54.6	80.0	79.2	69.0	64.2	—	66.3
November	70.3	69.9	53.5	48.8	—	49.4	77.2	76.6	NA	NA	—	NA
December	63.0	61.3	48.8	38.8	—	40.2	70.3	69.3	52.2	46.0	—	48.0
1998 Average	73.5	72.2	60.4	53.8	—	54.7	81.1	80.0	66.3	59.9	—	62.4

See footnotes at end of table.

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

Geographic Area Month	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												
January	95.7	92.3	76.7	65.3	—	69.6	83.4	80.5	67.3	56.9	—	60.6
February	88.8	86.5	71.5	63.4	—	66.5	75.4	74.2	62.7	55.3	—	57.9
March	84.0	83.0	67.2	59.7	—	62.6	69.8	70.0	58.6	51.3	—	53.9
April	82.4	81.7	69.8	66.0	—	67.5	69.1	69.4	61.3	57.6	—	59.0
May	88.3	87.4	75.1	72.6	—	73.6	74.3	74.8	66.9	64.1	—	65.1
June	88.9	87.5	74.8	71.4	—	72.7	75.5	75.2	66.3	63.0	—	64.2
July	88.6	87.3	74.7	70.7	—	72.3	75.3	75.1	66.3	62.3	—	63.8
August	88.6	87.6	75.1	70.7	—	72.2	75.7	75.4	66.6	62.2	—	63.8
September	88.8	87.5	75.4	71.6	—	73.1	75.6	75.2	66.8	63.0	—	64.4
October	87.5	86.3	75.6	71.6	—	72.8	74.3	74.0	66.4	63.1	—	64.1
November	86.4	84.8	72.0	66.4	—	67.9	72.9	72.4	62.1	58.1	—	59.3
December	80.1	78.6	61.5	52.2	—	54.5	65.0	64.6	51.8	44.4	W	46.2
1998 Average	87.3	85.9	72.8	66.7	—	68.9	73.9	73.5	64.1	58.6	W	60.4
Montana												
January	92.3	91.9	73.0	72.3	—	72.4	83.7	83.3	68.1	62.7	—	63.4
February	87.3	87.1	72.7	69.3	—	69.7	79.1	78.9	65.0	59.7	—	60.4
March	84.6	84.5	66.9	65.0	—	65.2	75.9	75.7	60.6	55.6	—	56.2
April	85.9	85.4	67.9	66.9	—	67.0	76.7	76.5	60.2	57.8	—	58.1
May	85.7	85.6	71.2	70.4	—	70.5	76.5	76.3	62.9	61.3	—	61.5
June	84.8	84.6	72.6	71.1	—	71.3	75.9	75.9	64.0	62.2	—	62.4
July	85.3	85.3	73.7	72.0	—	72.2	76.4	76.5	65.0	63.1	—	63.4
August	86.5	86.5	74.4	72.9	—	73.1	76.1	76.2	65.4	63.6	—	63.9
September	86.2	86.1	73.2	70.5	—	70.9	76.0	75.9	65.1	61.2	—	61.8
October	84.3	84.1	73.4	70.2	—	70.6	73.6	73.6	64.2	60.6	—	61.0
November	80.0	79.7	68.4	65.2	—	65.6	69.4	69.7	58.6	55.6	—	56.0
December	71.9	72.1	62.1	57.5	—	58.1	61.3	61.6	52.7	48.1	—	48.7
1998 Average	84.4	84.2	71.0	68.8	—	69.1	75.0	74.9	62.9	59.5	—	60.0
Utah												
January	91.4	88.9	70.1	65.1	—	67.3	79.2	77.5	63.1	57.9	—	60.0
February	81.8	79.7	66.5	62.8	—	64.4	69.1	68.0	59.8	55.8	—	57.4
March	77.9	76.1	63.0	58.8	—	60.6	65.5	64.6	56.5	52.0	—	53.8
April	80.8	79.3	66.6	66.0	—	66.3	68.4	67.6	61.0	59.0	—	59.8
May	87.6	85.9	71.5	72.0	—	71.8	75.4	74.4	66.2	64.9	—	65.4
June	87.3	85.5	70.7	69.4	—	70.0	74.5	73.3	65.0	62.2	—	63.4
July	85.9	84.2	70.1	68.4	—	69.2	73.9	72.7	64.2	61.3	—	62.6
August	85.3	83.5	69.1	67.4	—	68.2	72.8	71.7	63.2	60.2	—	61.5
September	84.1	82.4	68.9	68.3	—	68.6	71.6	70.5	62.9	61.4	—	62.1
October	83.6	82.0	69.8	69.2	—	69.5	71.3	70.4	64.0	62.3	—	63.1
November	81.9	79.7	66.2	64.8	—	65.4	69.3	68.3	59.3	58.0	—	58.5
December	72.1	69.8	57.1	49.9	—	53.0	59.8	58.6	50.2	43.1	—	46.0
1998 Average	83.2	81.3	67.6	65.1	—	66.2	70.9	69.8	61.5	58.1	—	59.5
Wyoming												
January	90.4	88.0	75.8	65.1	—	66.8	81.3	79.8	68.0	56.9	—	58.3
February	86.5	84.8	72.7	62.0	—	63.6	75.9	74.8	64.5	54.0	—	55.3
March	84.1	81.8	64.2	60.6	—	61.2	74.9	72.6	57.0	52.9	—	53.4
April	86.3	84.7	68.5	64.2	—	64.9	76.7	75.8	61.1	56.6	—	57.2
May	87.9	85.7	71.3	67.6	—	68.1	78.0	75.8	64.3	59.6	—	60.3
June	87.2	85.1	71.3	67.6	—	68.2	78.3	76.9	63.6	59.7	—	60.3
July	89.0	87.6	75.8	68.6	—	70.1	79.2	78.2	67.6	60.6	—	61.9
August	88.2	86.5	75.0	66.9	—	68.6	78.9	77.5	66.5	59.0	—	60.5
September	87.8	86.2	NA	64.2	—	66.2	77.8	75.8	64.8	56.0	—	57.8
October	85.3	83.9	71.1	63.8	—	65.2	75.9	74.3	63.4	55.6	—	56.8
November	83.2	81.3	NA	59.0	—	60.0	73.4	72.6	56.1	50.7	—	51.5
December	75.5	73.6	NA	49.1	—	51.0	66.3	64.3	51.6	41.0	—	42.6
1998 Average	86.1	84.3	71.1	63.7	—	65.0	76.6	75.0	63.0	55.7	—	56.8

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
PAD District V												
January	80.1	78.9	71.6	60.6	57.4	66.0	89.2	88.2	77.7	66.1	W	75.0
February	71.2	70.5	63.0	55.0	54.2	59.0	80.2	79.9	68.6	60.5	W	66.7
March	64.7	64.3	56.8	51.3	50.8	54.2	73.4	73.1	62.6	56.4	W	61.2
April	68.0	67.8	60.3	57.4	58.7	59.2	76.1	76.0	66.0	63.4	W	65.4
May	75.3	74.6	68.1	61.6	58.1	64.7	84.1	83.8	74.2	67.7	W	72.8
June	73.8	72.9	66.4	56.3	51.9	61.1	82.3	81.7	72.6	62.0	W	70.2
July	71.8	70.8	64.0	55.9	51.2	59.3	80.5	80.1	70.1	61.6	W	68.0
August	70.9	69.8	62.2	53.9	49.7	57.7	79.6	79.2	68.1	59.5	W	66.0
September	69.5	68.5	61.8	53.7	49.5	57.1	78.2	77.8	67.9	59.2	W	65.7
October	68.7	67.7	61.3	53.1	48.2	56.6	78.2	77.7	67.7	59.1	NA	65.7
November	67.4	66.5	61.1	52.7	47.8	56.3	77.3	76.8	67.6	57.8	W	65.1
December	66.5	65.2	59.7	48.1	42.9	53.4	76.4	75.8	66.8	54.2	W	63.8
1998 Average	70.6	69.7	63.0	54.9	51.6	58.7	79.5	79.1	69.1	60.5	W	67.1
Alaska												
January	108.2	108.3	94.6	79.0	W	85.2	118.9	116.7	102.4	85.7	—	98.3
February	104.2	104.2	92.0	76.4	W	82.0	114.2	110.8	101.0	82.3	—	97.0
March	96.5	96.6	83.1	70.4	W	73.3	105.4	102.4	NA	W	—	NA
April	95.2	95.6	82.4	NA	W	71.8	103.0	101.4	84.2	W	—	82.5
May	96.8	97.1	83.9	70.4	W	73.6	105.2	104.1	85.1	86.1	—	85.4
June	96.7	96.9	84.4	68.8	W	74.0	105.5	104.1	84.9	81.9	—	83.8
July	96.4	96.7	83.9	70.0	W	71.0	105.9	103.8	84.1	83.7	—	84.0
August	95.6	96.1	84.1	67.5	W	73.1	105.2	103.2	83.7	80.6	—	82.2
September	94.8	93.6	83.9	65.2	W	71.7	103.5	101.5	82.0	81.4	—	81.8
October	94.8	95.3	83.9	68.6	W	74.0	106.3	104.1	83.4	81.1	—	82.8
November	93.6	94.2	84.1	70.5	—	76.1	106.1	104.4	NA	76.3	—	84.9
December	86.2	86.5	75.8	63.8	W	68.0	99.2	98.0	82.9	76.3	—	81.5
1998 Average	96.3	96.5	84.6	69.3	W	74.0	106.2	104.2	87.0	81.0	—	85.1
Arizona												
January	83.5	82.5	72.8	60.0	55.1	67.7	92.7	92.4	80.1	66.8	—	77.3
February	75.8	75.1	64.9	55.6	49.6	61.0	85.8	85.6	72.0	62.9	—	70.1
March	69.7	69.2	59.7	52.4	45.7	56.6	78.9	78.7	66.0	59.3	—	64.5
April	73.7	73.2	64.1	59.3	53.5	62.1	82.1	82.0	70.0	64.4	—	68.7
May	78.3	77.7	67.5	60.2	W	64.5	87.2	87.0	73.5	66.2	—	71.8
June	74.7	73.8	62.8	54.0	W	59.4	83.6	83.5	69.3	60.4	—	67.2
July	70.8	70.1	59.0	52.5	47.5	56.2	80.1	79.9	65.9	58.2	—	64.0
August	68.3	67.6	56.8	49.0	45.6	53.3	77.3	77.2	63.9	55.0	—	61.6
September	67.1	66.4	56.2	48.9	46.9	52.9	76.7	76.5	63.2	54.8	—	60.9
October	66.3	65.4	57.5	50.2	44.6	53.9	76.1	76.0	64.1	56.1	—	62.0
November	62.6	61.8	56.8	49.3	43.7	53.1	72.7	72.7	63.5	56.1	—	61.5
December	60.7	59.7	53.2	45.1	37.2	49.4	70.6	70.4	59.8	52.3	—	57.6
1998 Average	70.7	69.9	60.9	52.7	47.3	57.3	79.9	79.8	67.7	58.9	—	65.5
California												
January	78.5	77.3	71.9	62.1	58.3	66.7	87.8	86.8	77.3	67.4	W	75.3
February	68.7	68.0	62.4	56.2	55.3	59.3	77.9	77.8	67.5	61.3	W	66.3
March	62.2	61.9	56.3	52.5	52.2	54.6	71.1	71.0	61.7	57.1	W	60.8
April	66.2	66.0	60.2	59.9	60.6	60.2	74.4	74.4	65.4	65.7	W	65.4
May	74.8	74.0	69.7	64.2	58.6	66.3	83.4	83.3	75.0	69.6	W	74.0
June	72.6	71.5	67.9	56.7	52.0	62.1	81.2	80.8	73.5	62.2	W	71.4
July	70.3	69.3	64.7	56.3	51.4	59.7	79.4	79.1	70.6	61.7	W	68.8
August	70.0	68.9	62.6	54.0	50.2	58.1	78.8	78.5	68.1	59.0	W	66.3
September	68.4	67.5	61.9	53.8	50.1	57.3	77.1	76.8	67.6	58.9	W	65.8
October	67.7	66.9	61.5	52.0	48.3	56.2	77.3	77.0	67.6	58.5	NA	65.8
November	67.2	66.4	61.6	52.4	48.2	56.5	77.2	76.8	67.7	57.4	W	65.6
December	67.0	65.9	61.1	47.8	42.8	53.9	76.6	76.3	67.4	54.4	W	64.8
1998 Average	69.4	68.6	63.5	55.3	52.2	59.1	78.4	78.1	69.0	60.8	W	67.4

See footnotes at end of table.

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

Geographic Area Month	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
PAD District V												
January	99.4	97.8	86.1	72.6	63.2	81.1	84.0	82.7	75.0	62.5	57.9	69.2
February	90.3	89.4	76.8	67.2	56.1	73.2	75.1	74.3	66.3	56.9	54.3	61.9
March	83.5	83.0	70.8	63.3	54.4	67.9	68.6	68.1	60.3	53.2	51.1	57.1
April	86.5	86.2	74.4	70.1	62.0	72.1	71.9	71.6	63.6	59.5	59.1	61.9
May	94.2	93.5	82.8	74.4	61.9	78.5	79.2	78.5	71.6	63.7	58.7	67.7
June	92.6	91.6	81.1	68.5	55.8	75.2	77.8	76.8	69.9	58.3	52.5	64.3
July	91.4	90.6	78.4	67.8	55.6	73.3	75.9	75.0	67.5	58.0	51.8	62.4
August	88.9	88.1	76.8	66.0	54.2	71.1	74.9	73.8	65.8	56.0	50.5	60.9
September	87.9	86.8	76.5	65.7	53.2	71.3	73.6	72.5	65.4	55.7	50.0	60.3
October	88.3	87.0	76.2	65.5	52.8	71.0	73.0	71.9	65.1	55.2	48.8	60.0
November	86.4	85.3	76.0	64.6	49.9	70.3	71.8	70.8	64.9	54.8	48.1	59.7
December	85.8	84.4	75.2	59.7	45.3	67.6	70.8	69.5	63.7	50.2	43.3	57.0
1998 Average	89.4	88.5	77.5	66.9	54.7	72.5	74.6	73.7	66.5	56.9	52.0	61.8
Alaska												
January	118.7	118.7	105.8	93.1	W	96.6	110.6	110.6	96.0	80.5	W	86.6
February	114.9	115.0	104.7	88.2	—	96.1	106.5	106.4	93.8	77.6	W	83.7
March	108.6	108.5	93.1	81.1	—	86.7	99.0	98.9	84.3	71.7	W	74.9
April	106.0	105.9	93.0	NA	—	82.9	97.7	97.8	83.6	NA	W	73.2
May	113.2	112.9	93.9	79.4	—	85.2	99.3	99.4	85.0	71.6	W	75.0
June	112.2	112.1	94.7	81.1	—	87.3	99.0	99.1	85.6	70.0	W	75.5
July	111.9	111.7	93.5	81.7	—	87.1	98.7	98.9	84.9	71.2	W	72.5
August	111.9	111.6	92.6	79.4	—	85.3	98.1	98.4	85.0	68.8	W	74.4
September	111.7	111.5	92.7	76.1	—	83.2	97.2	96.1	84.9	66.5	W	73.0
October	113.2	113.2	94.0	80.2	—	86.9	97.9	98.1	85.1	70.0	W	75.6
November	112.2	112.1	93.9	79.4	—	85.9	96.6	97.0	85.6	71.7	—	77.6
December	105.7	105.6	86.2	71.2	W	NA	89.4	89.6	77.5	64.9	W	69.4
1998 Average	111.6	111.5	94.5	79.9	W	86.1	99.0	99.0	85.8	70.5	W	75.5
Arizona												
January	103.6	103.2	87.0	70.0	W	80.6	87.1	86.1	75.6	61.9	57.5	70.4
February	95.9	95.7	78.7	67.4	W	75.4	79.5	78.8	67.7	57.4	50.2	63.7
March	89.0	88.8	72.6	64.3	—	70.2	73.3	72.8	62.4	54.4	45.7	59.2
April	92.5	92.3	77.2	71.3	NA	75.6	77.2	76.6	66.7	61.1	54.1	64.5
May	97.3	97.0	80.8	71.8	W	77.7	81.9	81.3	70.1	62.1	W	67.0
June	94.1	93.7	76.3	67.0	—	73.6	78.5	77.7	65.6	56.1	W	62.1
July	90.3	90.0	72.3	64.3	W	69.4	74.7	74.0	61.9	54.5	49.6	59.0
August	88.0	87.6	70.5	61.4	W	67.5	72.2	71.5	59.8	51.0	46.0	56.1
September	87.1	86.7	70.2	61.3	53.4	66.5	71.1	70.4	59.1	50.9	47.6	55.5
October	86.7	86.5	71.5	62.1	W	68.2	70.3	69.4	60.4	52.0	45.6	56.6
November	82.9	82.8	70.9	61.7	W	67.8	66.8	66.0	59.8	51.3	43.9	55.9
December	80.6	80.4	66.9	57.2	W	63.7	64.8	63.8	56.3	47.3	37.3	52.3
1998 Average	90.1	89.9	74.3	64.7	59.1	71.1	74.5	73.7	63.8	54.7	48.1	60.0
California												
January	97.2	95.7	85.5	73.1	64.6	81.6	82.8	81.5	75.3	64.0	58.9	70.1
February	87.1	86.4	75.4	67.3	57.6	72.9	73.0	72.3	65.8	58.0	55.5	62.2
March	80.3	79.9	69.7	63.3	55.6	67.6	66.5	66.1	59.9	54.3	52.5	57.5
April	84.0	83.8	73.8	71.8	65.4	72.7	70.5	70.2	63.7	62.0	61.2	62.9
May	92.9	92.2	83.6	76.0	62.3	79.9	79.0	78.2	73.2	66.1	59.1	69.5
June	90.8	89.8	81.9	67.9	55.0	76.5	76.9	75.8	71.6	58.6	52.4	65.6
July	90.1	89.3	78.9	67.8	54.3	74.4	75.0	73.9	68.5	58.3	51.7	63.1
August	87.2	86.4	76.9	65.0	53.4	71.6	74.3	73.2	66.4	56.0	50.7	61.5
September	86.0	85.1	76.3	64.9	53.7	71.6	72.7	71.8	65.7	55.7	50.6	60.8
October	86.5	85.5	76.3	64.2	53.1	71.1	72.4	71.5	65.5	54.2	48.9	59.9
November	85.3	84.3	76.3	63.1	51.8	70.9	72.0	71.1	65.6	54.3	48.7	60.2
December	85.3	83.9	76.0	58.4	46.2	68.6	71.6	70.5	65.2	49.9	43.3	57.8
1998 Average	87.6	86.8	77.5	66.4	55.3	73.1	73.8	73.0	67.2	57.3	52.6	62.5

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
Hawaii												
January	110.8	99.4	102.8	90.7	—	101.0	116.7	105.7	107.3	W	—	106.9
February	110.4	98.3	100.5	87.8	—	98.6	117.1	105.7	104.6	W	—	104.2
March	109.5	95.5	96.5	84.5	—	94.9	116.2	107.0	101.0	W	—	100.7
April	108.1	95.5	95.4	83.3	—	93.5	115.0	107.2	99.8	W	—	99.3
May	107.7	96.9	95.5	82.3	—	93.6	114.2	107.3	100.0	W	—	99.7
June	106.8	93.4	95.0	80.7	—	92.8	113.6	105.3	99.5	W	—	99.0
July	106.5	92.8	94.8	81.4	—	92.6	113.0	105.1	98.9	86.5	—	98.5
August	105.7	91.6	94.0	79.5	—	91.9	111.9	102.5	98.2	84.3	—	97.8
September	105.2	90.9	93.4	80.8	—	91.4	111.3	102.1	97.7	87.1	—	97.3
October	104.2	90.2	93.1	80.4	—	91.1	110.4	101.4	97.7	85.7	—	97.3
November	103.1	89.1	92.7	81.8	—	91.0	108.9	99.2	97.6	89.8	—	97.2
December	102.4	87.4	91.3	80.0	—	89.6	109.0	98.9	96.6	88.0	—	96.2
1998 Average	106.7	93.3	95.4	82.6	—	93.5	113.0	103.9	99.9	86.9	—	99.5
Nevada												
January	80.2	79.4	71.0	NA	56.2	66.4	94.3	94.0	76.6	69.2	—	75.0
February	73.9	73.1	62.9	57.2	51.5	59.3	88.7	88.4	70.5	60.9	—	68.1
March	65.8	65.3	53.5	52.9	49.6	53.0	79.6	79.4	61.0	56.1	—	59.8
April	67.8	67.1	51.1	56.8	W	54.6	79.0	77.7	59.6	61.5	—	60.4
May	75.7	74.4	60.4	59.7	W	60.0	89.3	88.8	66.4	66.2	—	66.4
June	NA	NA	56.6	53.9	W	54.9	87.3	82.7	62.2	59.6	—	61.3
July	74.1	72.5	55.0	54.4	49.5	54.3	86.1	82.6	60.6	59.9	—	60.4
August	74.9	69.8	55.9	52.1	48.0	53.2	86.6	81.7	61.5	57.5	—	60.1
September	NA	68.0	58.4	53.3	47.8	54.7	87.5	80.4	65.1	58.2	—	63.0
October	72.2	65.5	59.4	54.0	48.0	55.7	83.7	79.4	66.1	59.2	—	64.3
November	71.2	65.1	58.9	52.8	47.0	54.7	82.2	78.8	66.1	57.7	—	64.0
December	70.2	NA	56.3	NA	42.9	51.0	81.4	77.0	64.0	51.9	—	61.0
1998 Average	73.3	69.9	58.2	54.7	49.1	55.7	85.5	82.3	64.9	59.8	—	63.4
Oregon												
January	76.8	75.3	67.3	56.2	47.9	59.2	85.8	84.8	74.2	63.2	—	68.7
February	68.7	68.3	58.6	50.3	44.4	53.0	78.3	77.7	65.2	57.4	—	61.6
March	63.0	62.7	51.1	46.9	43.7	48.2	72.9	71.3	58.0	53.5	—	55.8
April	65.2	65.6	55.7	53.3	48.5	53.7	75.0	74.3	62.8	59.5	—	61.2
May	71.9	72.1	61.9	58.7	W	59.9	81.7	80.6	68.8	65.9	—	67.5
June	72.2	71.9	61.1	54.9	52.6	57.1	81.9	80.0	67.6	62.1	—	65.2
July	72.0	71.5	60.7	53.9	52.1	56.5	81.8	80.7	67.3	61.1	—	64.5
August	70.8	70.4	59.5	52.5	48.2	54.7	79.6	78.9	65.6	59.9	—	62.9
September	70.1	69.7	59.9	52.2	48.0	54.5	80.1	79.2	67.2	59.2	—	63.6
October	69.3	68.8	59.7	52.9	NA	55.5	79.8	78.5	66.5	60.1	—	63.8
November	68.5	68.4	61.2	52.0	45.4	54.7	78.3	78.2	67.7	57.6	—	61.6
December	66.4	65.9	58.1	48.2	45.4	52.4	76.7	76.1	64.8	53.4	—	59.2
1998 Average	69.5	69.2	59.6	52.7	47.9	55.0	79.3	78.3	66.3	59.2	—	62.9
Washington												
January	77.9	77.3	66.6	56.3	48.2	61.7	88.4	88.1	75.0	62.9	—	70.6
February	67.8	67.7	60.1	51.9	45.6	55.7	79.5	79.1	67.5	58.6	—	64.3
March	60.8	61.2	55.0	48.4	43.0	51.4	73.0	72.5	61.9	54.9	—	59.6
April	62.5	63.2	58.0	53.4	48.5	55.5	74.0	73.9	64.5	59.3	—	62.8
May	68.8	69.1	63.1	57.9	54.7	60.5	79.3	79.3	69.5	64.3	—	67.7
June	70.6	70.7	63.0	56.1	49.9	59.5	81.3	81.2	69.6	62.5	—	67.1
July	70.2	70.2	62.4	55.8	49.9	58.9	80.9	80.7	68.7	62.1	—	66.4
August	68.9	68.9	61.5	55.0	47.9	58.1	79.9	80.0	67.9	61.5	—	65.7
September	67.7	67.7	60.9	54.2	46.5	57.2	79.1	79.0	67.6	60.7	—	65.1
October	66.2	66.3	59.1	54.5	NA	56.9	78.5	78.4	65.7	60.7	—	64.0
November	63.6	63.8	57.3	52.9	47.2	54.9	75.4	75.5	63.8	58.7	—	61.9
December	62.4	62.3	54.6	47.9	NA	51.6	74.2	74.0	61.8	54.4	—	59.1
1998 Average	67.2	67.3	60.2	53.8	48.0	56.9	78.6	78.4	67.0	60.1	—	64.6

See footnotes at end of table.

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

Geographic Area Month	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
Hawaii												
January	127.1	115.2	114.5	103.1	—	113.4	115.2	103.6	106.7	93.7	—	105.1
February	125.2	113.7	112.0	99.3	—	110.6	114.8	102.6	104.2	90.5	—	102.6
March	125.4	111.5	108.1	96.5	—	107.0	113.9	100.3	100.3	87.4	—	98.9
April	125.5	112.3	107.0	95.3	—	105.7	112.9	100.5	99.2	86.1	—	97.5
May	124.4	112.7	107.2	94.1	—	105.8	112.3	101.6	99.4	85.1	—	97.7
June	123.8	110.5	106.6	92.9	—	105.1	111.5	98.4	98.8	83.6	—	96.9
July	123.0	109.5	106.1	93.4	—	104.6	111.1	97.8	98.5	84.4	—	96.6
August	122.7	109.2	105.3	91.4	—	103.8	110.5	96.7	97.7	82.5	—	95.8
September	121.4	107.1	104.8	92.9	—	103.4	109.8	95.9	97.2	84.0	—	95.4
October	119.2	105.9	104.7	91.9	—	103.3	108.6	94.9	96.9	83.3	—	95.2
November	118.4	105.5	104.6	94.5	—	103.4	107.4	93.9	96.6	85.2	—	95.1
December	118.3	104.0	103.5	92.4	—	102.2	107.1	92.5	95.5	83.3	—	93.9
1998 Average	122.7	109.6	107.0	94.6	—	105.6	111.2	98.1	99.2	85.6	—	97.5
Nevada												
January	96.9	96.4	85.5	NA	W	79.2	83.6	82.8	74.1	NA	57.1	69.0
February	92.2	92.2	78.2	66.3	W	72.3	77.9	77.0	66.5	58.5	52.8	61.9
March	83.0	82.9	68.1	62.7	W	65.2	69.4	68.8	57.0	54.4	50.0	55.4
April	84.1	84.0	64.8	68.6	W	66.8	71.4	70.6	54.5	58.8	W	57.0
May	92.7	92.7	74.4	72.8	—	73.5	79.5	78.3	63.6	62.1	W	62.8
June	94.4	94.4	69.9	65.5	W	67.1	80.6	NA	59.7	56.3	W	57.7
July	91.4	91.4	68.2	64.1	55.5	65.3	77.9	76.2	58.3	56.6	50.2	56.9
August	88.6	88.3	69.3	63.3	NA	65.5	78.2	73.4	59.3	54.2	48.7	55.9
September	92.1	85.2	72.4	63.4	54.2	66.9	80.6	71.9	62.0	55.0	48.6	57.4
October	91.2	86.0	72.3	64.1	W	67.7	76.9	69.9	62.6	55.6	48.5	58.2
November	90.3	86.4	72.3	63.1	54.4	67.2	75.9	69.8	62.5	54.5	47.9	57.5
December	90.2	86.1	71.0	58.1	48.7	64.4	74.7	68.3	59.9	NA	43.5	53.7
1998 Average	90.5	88.7	71.9	65.2	55.8	68.0	77.2	73.7	61.6	56.5	49.9	58.4
Oregon												
January	94.9	91.6	82.9	70.4	W	74.4	79.0	77.5	69.4	58.0	48.2	61.2
February	87.3	84.5	73.8	65.8	NA	67.3	71.1	70.6	60.9	52.1	46.0	55.0
March	82.0	80.6	65.9	61.1	NA	62.0	65.6	65.1	53.4	48.8	45.3	50.3
April	84.3	83.4	70.5	67.5	NA	66.4	67.8	68.0	58.0	55.1	49.8	55.6
May	91.1	90.1	76.5	73.9	W	72.5	74.5	74.4	64.1	60.7	57.9	61.9
June	91.4	90.0	76.0	70.0	NA	69.7	74.9	74.4	63.3	56.9	54.4	59.2
July	91.0	89.3	75.3	68.9	NA	69.4	74.8	74.1	63.0	56.1	54.1	58.7
August	90.1	88.5	73.9	67.6	NA	66.9	73.5	73.0	61.7	54.8	50.2	56.8
September	89.7	88.5	74.5	67.2	NA	67.8	72.9	72.4	62.2	54.4	48.5	56.6
October	89.4	87.6	72.1	67.1	NA	67.5	72.2	71.6	62.0	55.2	NA	57.7
November	87.3	86.6	73.5	66.4	W	66.3	71.3	71.1	63.9	54.6	45.3	57.1
December	85.8	84.8	74.0	63.8	W	62.6	69.0	68.5	60.5	50.5	44.7	54.3
1998 Average	88.7	87.2	73.9	67.5	NA	67.6	72.2	71.7	61.9	54.8	49.1	57.1
Washington												
January	98.8	98.1	81.8	70.1	55.1	75.5	81.6	81.0	69.6	58.5	50.4	64.5
February	89.7	89.1	74.8	65.2	52.2	68.8	71.8	71.6	63.1	54.1	47.0	58.4
March	83.1	82.9	69.2	61.8	NA	64.8	64.9	65.2	57.8	50.6	44.4	54.0
April	83.9	84.3	71.8	66.5	55.0	67.4	66.6	67.2	60.7	55.5	50.5	57.9
May	89.8	89.7	77.1	71.7	NA	72.8	72.7	72.8	65.7	60.2	56.9	63.0
June	91.6	91.1	76.9	69.5	NA	71.4	74.6	74.5	65.7	58.3	52.2	62.0
July	91.4	91.0	76.1	69.0	NA	71.1	74.3	74.2	65.2	58.1	52.3	61.5
August	90.1	89.7	75.5	68.4	NA	69.5	73.0	72.9	64.3	57.3	51.2	60.6
September	89.3	88.6	75.1	67.5	NA	69.8	71.8	71.6	63.8	56.6	47.6	59.8
October	88.3	87.8	73.5	67.8	NA	69.3	70.6	70.5	62.0	56.9	NA	59.5
November	85.1	84.6	71.7	67.0	W	66.6	67.9	67.9	60.3	55.2	46.1	57.4
December	84.5	83.6	69.1	60.9	W	62.0	66.8	66.5	57.7	50.3	NA	54.1
1998 Average	88.7	88.2	74.3	67.2	NA	69.1	71.3	71.2	63.0	56.1	49.7	59.5

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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												
January	66.1	65.8	58.4	51.1	49.2	52.4	74.6	74.2	64.6	55.6	—	59.1
February	63.3	63.2	56.3	50.1	47.4	51.0	72.0	71.6	62.1	54.1	—	57.3
March	61.3	61.2	54.2	47.9	45.4	48.9	69.9	69.5	60.0	51.9	—	55.0
April	62.6	62.5	56.3	51.1	47.1	51.5	71.0	70.7	61.8	55.1	—	57.7
May	65.3	65.2	58.8	53.8	48.4	53.9	73.5	73.1	64.3	57.6	—	60.3
June	64.6	64.4	57.4	51.2	46.2	51.7	73.2	72.6	63.2	54.9	W	58.2
July	63.4	63.2	56.0	49.8	45.1	50.5	72.2	71.7	62.2	53.4	—	56.9
August	60.5	60.3	52.9	45.0	41.0	46.3	69.6	69.2	59.2	48.8	—	53.0
September	59.2	59.1	52.8	45.8	40.8	46.7	68.2	67.9	58.8	49.7	—	53.3
October	59.9	59.7	53.2	47.4	42.5	48.1	68.9	68.6	59.4	51.9	—	54.9
November	56.6	56.4	48.9	41.0	37.6	42.4	66.0	65.6	55.7	45.3	—	49.4
December	51.2	51.0	44.0	35.2	33.1	36.9	60.8	60.5	51.0	39.6	—	44.0
1998 Average	61.2	61.0	54.1	47.5	44.1	48.4	69.9	69.5	60.2	51.5	W	55.0
PAD District I												
January	65.6	65.3	58.0	51.3	49.4	53.1	75.2	74.7	64.2	55.4	—	58.9
February	61.4	61.2	54.5	49.3	47.8	50.6	70.9	70.6	60.4	53.5	—	56.3
March	58.7	58.5	52.2	47.0	45.3	48.4	68.2	67.9	58.3	51.1	—	53.9
April	59.7	59.5	54.2	49.9	47.1	51.1	69.0	68.7	60.1	54.0	—	56.5
May	61.5	61.3	55.5	51.8	48.8	52.7	70.5	70.2	61.5	55.9	—	58.1
June	61.3	61.1	54.1	49.0	45.1	50.1	70.5	70.0	60.6	53.1	—	56.1
July	60.0	59.6	52.4	47.0	43.9	48.4	69.5	68.9	59.5	51.2	—	54.5
August	57.7	57.3	50.0	42.7	40.7	44.9	67.5	67.0	57.0	46.8	—	50.9
September	56.3	56.1	50.1	44.2	41.2	45.9	66.0	65.7	56.8	48.0	—	51.6
October	57.8	57.5	51.0	46.8	43.0	48.0	67.4	67.1	58.0	51.2	—	53.9
November	56.0	55.6	47.1	40.3	38.4	42.2	65.7	65.2	54.8	44.5	—	48.7
December	51.2	50.7	42.8	34.6	32.9	36.9	61.1	60.7	50.3	38.8	—	43.4
1998 Average	58.9	58.6	51.7	46.1	43.5	47.6	68.4	68.0	58.5	50.3	—	53.6
Subdistrict IA												
January	77.4	77.0	66.1	55.9	W	59.2	87.5	86.6	72.9	60.2	—	66.2
February	72.1	71.6	62.1	53.8	W	53.8	82.8	81.8	69.2	58.4	—	63.3
March	67.3	67.0	59.0	51.7	W	53.0	77.9	77.1	66.8	55.7	—	61.2
April	67.8	67.6	60.4	54.0	W	56.7	78.2	77.3	67.5	57.7	—	62.6
May	69.8	69.6	61.9	55.1	47.8	55.0	79.9	79.0	69.0	59.2	—	64.1
June	70.7	70.4	60.7	52.7	44.7	53.9	80.8	79.7	68.7	55.7	—	62.7
July	69.4	69.1	59.6	48.7	W	51.8	79.8	78.7	68.1	52.7	—	60.5
August	66.7	66.5	56.9	45.9	W	49.2	77.3	76.4	64.7	50.4	—	57.9
September	65.6	65.5	57.2	47.5	—	51.9	75.9	75.4	64.8	51.5	—	58.4
October	66.7	66.6	59.0	49.5	W	53.6	76.7	76.0	66.2	53.6	—	60.3
November	64.9	64.7	56.1	45.4	41.1	48.0	75.2	74.5	64.2	49.7	—	57.4
December	61.8	61.6	49.7	39.2	W	43.4	71.7	70.9	58.6	42.8	—	51.0
1998 Average	68.3	68.0	59.0	49.7	47.4	52.5	78.6	77.8	66.6	53.9	—	60.3
Connecticut												
January	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	W	W	—	—	—	—	—	—
March	—	—	—	—	W	W	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	W	W	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—
October	—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	—	W	W	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—	—	—
1998 Average	—	—	—	—	49.7	49.7	—	—	—	—	—	—

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												
January	82.8	82.0	71.1	60.3	53.0	62.9	69.7	69.3	61.5	52.9	49.5	54.5
February	80.2	79.4	68.3	59.1	49.7	61.4	67.0	66.7	59.2	51.9	47.5	53.0
March	78.0	77.3	65.9	56.9	47.5	59.1	65.0	64.7	57.1	49.7	45.5	51.0
April	79.3	78.6	67.7	60.3	50.6	61.8	66.2	66.0	59.0	52.9	47.3	53.5
May	81.4	80.6	70.0	63.1	54.1	64.5	68.8	68.5	61.5	55.6	48.8	56.1
June	81.0	80.2	68.8	60.6	51.8	62.3	68.2	67.8	60.2	53.0	46.6	53.8
July	79.9	79.1	67.3	59.2	51.5	61.2	67.1	66.7	58.9	51.7	45.6	52.7
August	76.9	76.1	64.6	54.7	48.6	57.3	64.3	63.9	55.9	46.9	41.7	48.6
September	75.8	75.1	64.2	55.3	46.2	57.4	63.0	62.7	55.6	47.7	41.3	49.0
October	76.9	76.2	64.9	57.2	47.1	59.0	63.7	63.4	56.1	49.4	42.8	50.4
November	73.8	73.0	60.7	50.3	41.4	52.7	60.6	60.3	51.9	42.9	38.0	44.7
December	68.6	67.8	56.0	44.4	34.9	47.0	55.4	55.1	47.2	37.2	33.3	39.2
1998 Average	77.7	76.9	65.7	56.6	47.9	58.7	64.9	64.6	57.0	49.3	44.4	50.6
PAD District I												
January	83.6	82.7	70.6	60.5	51.4	63.5	70.2	69.8	61.5	53.5	49.7	55.7
February	79.5	78.5	66.3	58.6	48.7	60.6	66.1	65.8	57.9	51.5	47.9	53.1
March	76.8	76.0	63.8	56.2	47.6	58.6	63.4	63.2	55.5	49.2	45.6	51.0
April	77.9	77.1	65.6	59.4	50.9	61.3	64.4	64.1	57.4	52.2	47.8	53.7
May	79.2	78.2	66.7	61.7	54.2	63.2	66.1	65.9	58.7	54.1	49.4	55.3
June	79.2	78.3	65.6	58.9	51.2	60.5	65.9	65.6	57.5	51.3	46.4	52.8
July	77.8	77.0	64.0	57.2	50.7	59.4	64.7	64.3	56.0	49.4	44.8	51.3
August	75.6	74.7	61.9	52.9	46.4	56.1	62.5	62.2	53.6	45.1	41.3	47.7
September	74.3	73.5	61.5	53.9	47.9	56.5	61.2	60.9	53.5	46.5	41.9	48.6
October	75.8	75.1	62.4	56.7	47.8	58.6	62.7	62.4	54.4	49.2	43.6	50.7
November	74.0	73.1	58.7	49.6	41.6	52.6	61.0	60.6	50.6	42.6	38.7	44.9
December	69.2	68.1	54.8	43.7	32.9	47.4	56.3	55.9	46.4	36.9	32.9	39.7
1998 Average	76.7	75.8	63.3	55.6	48.3	58.1	63.6	63.3	55.1	48.4	44.1	50.3
Subdistrict IA												
January	95.8	94.8	77.9	64.4	W	67.6	81.0	80.6	68.5	57.4	53.4	60.9
February	91.1	90.3	73.4	61.4	W	62.7	75.7	75.2	64.5	55.3	W	55.1
March	86.4	85.8	71.1	59.9	—	65.6	70.8	70.5	61.5	53.1	W	54.8
April	86.9	86.5	73.0	62.1	—	68.0	71.3	71.0	62.8	55.2	W	58.5
May	88.8	88.2	74.6	64.6	—	69.6	73.2	72.9	64.4	56.6	47.8	57.0
June	89.5	88.9	73.9	61.9	—	68.2	74.2	73.9	63.4	54.1	44.7	56.2
July	89.0	88.5	72.3	58.2	W	63.1	73.3	73.0	62.6	50.3	W	54.1
August	86.3	85.9	70.1	55.6	—	63.0	70.7	70.5	60.0	47.6	W	51.6
September	85.4	85.0	70.6	56.6	—	64.0	69.4	69.3	60.1	49.0	—	54.2
October	86.0	85.5	71.8	58.6	—	65.4	70.4	70.2	61.6	50.9	W	55.8
November	83.9	83.5	68.9	54.2	—	61.7	68.6	68.3	58.8	46.8	41.1	50.1
December	79.5	79.1	62.4	47.2	—	54.9	65.4	65.0	52.4	40.4	W	45.5
1998 Average	87.2	86.7	71.6	58.5	52.2	64.3	71.9	71.6	61.6	51.2	47.7	54.5
Connecticut												
January	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	W	W
March	—	—	—	—	—	—	—	—	—	—	W	W
April	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	W	W
July	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—
October	—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	—	—	—	—	—	—	—	W	W
December	—	—	—	—	—	—	—	—	—	—	—	—
1998 Average	—	—	—	—	—	—	—	—	—	—	49.7	49.7

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
Maine												
January	81.3	80.9	65.7	56.0	W	57.7	91.4	90.1	72.1	60.0	—	64.0
February	76.6	76.2	62.2	54.2	W	55.4	87.0	86.0	68.8	58.7	—	61.4
March	71.2	70.7	59.4	52.5	W	52.5	81.8	80.3	66.9	56.5	—	59.6
April	70.8	70.4	60.6	54.6	W	55.8	81.4	80.2	67.8	58.0	—	61.0
May	72.6	72.3	61.6	55.6	W	53.8	83.1	81.5	68.3	59.6	—	62.3
June	73.6	73.2	60.7	53.1	W	52.4	83.8	82.2	69.4	55.8	—	61.4
July	72.0	71.7	60.4	48.7	W	50.5	82.6	81.2	69.5	52.4	—	58.9
August	69.1	68.9	56.6	45.9	W	47.2	80.0	78.7	65.3	50.4	—	56.3
September	68.1	67.9	56.8	47.5	—	50.4	78.5	78.1	64.7	51.6	—	57.1
October	69.1	68.9	58.9	49.4	—	52.2	79.4	78.4	65.9	53.5	—	58.7
November	67.1	66.8	55.8	45.6	W	46.9	77.9	76.9	64.2	49.7	—	55.8
December	63.7	63.4	49.4	39.7	—	42.4	73.8	72.7	58.0	43.1	—	48.8
1998 Average	71.1	70.8	58.9	50.0	46.2	51.3	81.6	80.4	66.7	54.1	—	58.7
Massachusetts												
January	—	—	—	—	W	W	—	—	—	—	—	—
February	—	—	—	—	W	W	—	—	—	—	—	—
March	—	—	—	—	W	W	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	W	W	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—
October	—	—	—	—	W	W	—	—	—	—	—	—
November	—	—	—	—	W	W	—	—	—	—	—	—
December	—	—	—	—	W	W	—	—	—	—	—	—
1998 Average	—	—	—	—	48.0	48.0	—	—	—	—	—	—
New Hampshire												
January	74.1	74.1	64.3	57.1	W	59.7	83.8	83.5	69.3	64.9	—	68.0
February	68.2	67.7	60.8	54.6	W	52.0	78.6	78.1	66.2	64.4	—	65.7
March	63.2	63.2	57.6	52.7	—	56.2	73.7	73.6	62.6	57.8	—	61.7
April	65.0	65.0	59.6	54.0	—	57.9	75.0	74.7	65.1	57.8	—	63.8
May	67.1	67.1	61.9	54.7	—	59.6	77.4	77.2	69.5	59.5	—	67.9
June	67.7	67.6	59.4	52.3	—	57.2	77.7	77.4	64.4	56.8	—	62.9
July	67.3	67.2	58.4	46.7	—	54.5	77.2	76.6	63.9	52.8	—	62.2
August	64.1	64.0	55.3	44.7	—	51.3	74.4	73.9	60.9	49.7	—	59.5
September	63.2	63.1	56.1	47.0	—	52.0	73.4	73.0	61.7	50.7	—	57.0
October	64.3	64.2	58.1	49.1	—	54.2	73.9	73.5	63.5	53.3	—	59.5
November	62.4	62.3	54.9	44.1	—	50.2	72.8	72.5	59.7	49.1	—	54.9
December	60.0	59.9	47.5	36.5	—	42.6	70.0	69.7	52.6	41.6	—	47.7
1998 Average	65.5	65.4	57.7	48.1	W	53.4	75.7	75.4	63.3	52.8	—	60.4
Rhode Island												
January	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	W	W	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—
October	—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—	—	—
1998 Average	—	—	—	—	W	W	—	—	—	—	—	—

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
Maine												
January	100.3	99.0	77.7	64.1	W	63.8	84.9	84.3	67.9	57.4	W	59.0
February	96.4	95.5	73.2	61.4	—	64.6	80.2	79.7	64.4	55.6	W	57.0
March	91.4	90.5	70.0	60.5	—	63.2	74.8	74.2	61.4	53.8	W	54.0
April	91.1	90.4	73.9	62.3	—	65.9	74.2	73.8	62.9	55.7	W	57.2
May	92.6	91.9	74.4	64.8	—	67.5	76.0	75.6	63.7	57.0	W	55.3
June	93.7	93.1	75.2	62.2	—	66.5	77.2	76.7	63.6	54.4	W	54.3
July	92.8	92.3	73.5	57.9	W	60.2	76.1	75.7	63.6	50.2	W	52.6
August	90.0	89.6	71.2	55.6	—	60.9	73.4	73.0	59.9	47.6	W	49.4
September	89.3	88.8	71.7	56.7	—	62.3	72.2	71.9	59.9	49.0	—	52.6
October	89.8	89.2	72.0	58.3	—	63.1	73.0	72.7	61.6	50.8	—	54.1
November	87.3	86.6	69.7	54.4	—	59.5	71.0	70.6	58.7	46.9	W	48.6
December	83.5	82.8	62.5	47.2	—	52.0	67.4	66.9	52.0	40.8	—	44.1
1998 Average	91.4	90.7	72.1	58.7	W	62.2	74.9	74.5	61.5	51.4	46.6	53.1
Massachusetts												
January	—	—	—	—	—	—	—	—	—	—	W	W
February	—	—	—	—	W	W	—	—	—	—	W	W
March	—	—	—	—	—	—	—	—	—	—	W	W
April	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	W	—	W	—	—	—	W	W	W
June	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—
October	—	—	—	—	—	—	—	—	—	—	W	W
November	—	—	—	—	—	—	—	—	—	—	W	W
December	—	—	—	—	—	—	—	—	—	—	W	W
1998 Average	—	—	—	W	W	W	—	—	—	W	48.2	48.3
New Hampshire												
January	94.1	94.1	76.3	66.9	—	74.1	77.9	77.8	66.7	58.7	W	62.0
February	88.7	88.7	72.3	66.7	—	70.9	71.9	71.4	63.0	56.7	W	NA
March	83.7	83.7	70.1	62.2	—	68.6	66.8	66.9	60.0	53.9	—	58.4
April	84.6	84.6	70.9	64.6	—	69.8	68.4	68.4	61.8	55.0	—	59.8
May	87.2	87.2	75.0	66.7	—	73.6	70.7	70.7	64.8	55.9	—	62.2
June	86.9	86.9	71.8	64.6	—	70.5	71.5	71.4	62.0	53.8	—	59.7
July	86.9	86.9	70.5	58.1	—	68.4	71.1	71.0	61.4	48.1	—	57.5
August	83.4	83.4	68.0	55.4	—	66.3	68.0	67.9	58.3	45.6	—	54.3
September	83.2	83.2	68.7	56.2	—	64.3	67.0	66.9	59.0	48.6	—	54.6
October	83.9	83.9	70.1	58.8	—	66.4	67.9	67.8	60.5	50.5	—	56.4
November	82.4	82.4	66.7	54.3	—	62.1	66.2	66.1	57.1	45.8	—	52.3
December	79.4	79.4	59.8	46.7	—	55.3	63.7	63.5	49.8	38.0	—	44.7
1998 Average	85.2	85.2	69.9	58.3	—	67.1	69.2	69.1	60.3	49.5	W	55.6
Rhode Island												
January	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	W	W
August	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—
October	—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—	—	—
1998 Average	—	—	—	—	—	—	—	—	—	—	W	W

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
Vermont												
January	72.7	72.4	66.8	55.3	—	63.1	82.2	81.6	74.5	59.9	—	69.7
February	67.4	67.2	62.4	51.6	—	59.3	77.6	76.7	70.2	55.7	—	66.0
March	63.7	63.7	59.1	48.0	—	56.1	73.4	73.0	67.7	52.1	—	63.6
April	64.9	64.9	60.5	51.2	—	58.0	74.4	73.5	68.0	56.0	—	65.1
May	67.0	66.9	62.1	52.8	—	59.5	76.0	75.5	69.5	57.3	—	66.3
June	67.2	67.3	61.0	51.0	—	58.1	76.4	75.6	69.2	55.1	—	65.0
July	66.0	66.0	59.4	49.5	—	56.3	75.3	74.1	68.2	53.7	—	63.5
August	64.1	63.9	57.7	46.4	—	54.0	73.1	72.6	65.9	50.6	—	61.3
September	62.4	62.7	57.9	47.6	—	54.7	71.6	71.1	66.1	51.8	—	61.9
October	64.2	64.4	59.3	50.3	—	56.5	73.2	72.7	67.4	53.9	—	63.6
November	62.7	62.9	56.6	45.2	—	52.9	71.5	71.2	65.1	50.1	—	60.9
December	59.6	59.7	50.5	38.5	—	46.8	68.6	67.8	60.4	42.5	—	55.4
1998 Average	65.1	65.1	59.4	48.8	—	56.2	74.4	73.8	67.6	53.2	—	63.5
Subdistrict IB												
January	67.9	67.6	58.5	52.8	48.9	53.4	75.6	75.1	63.4	56.9	—	59.9
February	62.0	61.9	54.4	50.3	46.5	50.3	70.0	69.7	59.1	54.3	—	56.5
March	58.2	58.3	51.1	48.0	44.5	48.3	66.3	66.3	57.2	51.8	—	54.3
April	59.6	59.6	53.7	50.6	46.9	50.9	67.6	67.4	58.9	54.4	—	56.5
May	61.8	61.9	55.7	52.4	48.8	52.6	69.7	69.6	60.8	55.8	—	58.1
June	62.1	62.0	55.0	50.2	45.1	50.1	70.1	69.5	60.4	54.1	—	56.8
July	60.6	60.3	53.1	47.5	43.2	48.3	68.8	68.1	58.7	51.2	—	54.6
August	58.7	58.4	50.8	44.0	40.5	45.2	67.4	66.9	57.2	47.7	—	52.1
September	57.1	57.0	50.0	45.3	41.1	45.8	65.6	65.3	56.6	48.8	—	52.4
October	58.4	58.4	51.5	47.3	42.8	47.6	66.9	66.7	56.7	51.6	—	54.0
November	56.7	56.5	48.6	42.8	37.7	42.9	64.1	63.7	53.8	47.1	—	50.3
December	50.7	50.7	42.6	35.8	32.5	36.6	58.7	58.4	48.9	40.0	—	44.2
1998 Average	59.4	59.3	52.1	47.2	42.9	47.6	67.4	67.1	57.7	51.2	—	54.2
Delaware												
January	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—
October	—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—	—	—
1998 Average	—	—	—	—	—	—	—	—	—	—	—	—
District of Columbia												
January	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—
October	—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—	—	—
1998 Average	—	—	—	—	—	—	—	—	—	—	—	—

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
Vermont												
January	90.4	89.6	78.5	64.9	—	74.5	76.3	76.0	69.4	57.1	—	65.4
February	85.9	85.0	73.8	60.6	—	70.3	71.2	70.9	64.9	53.3	—	61.7
March	81.5	81.2	71.9	57.4	—	68.2	67.1	67.1	61.9	49.7	—	58.6
April	82.8	82.5	73.1	60.7	—	70.3	68.2	68.0	63.0	52.8	—	60.3
May	84.6	84.0	74.6	62.6	—	71.5	70.3	70.1	64.7	54.6	—	61.9
June	84.6	83.9	73.7	60.3	—	70.0	70.5	70.4	63.7	52.8	—	60.5
July	83.7	83.1	72.0	59.2	—	68.3	69.5	69.2	62.3	51.3	—	58.9
August	81.5	81.1	70.0	55.5	—	65.8	67.5	67.3	60.6	48.2	—	56.6
September	79.9	79.7	70.4	56.7	—	66.5	65.9	66.0	60.6	49.3	—	57.2
October	81.5	81.1	72.1	59.4	—	68.5	67.6	67.6	62.0	51.9	—	58.9
November	79.6	79.3	69.0	53.7	—	64.6	66.0	66.0	59.3	46.8	—	55.4
December	74.6	74.5	62.9	47.1	—	58.5	63.1	63.0	53.4	40.1	—	49.4
1998 Average	82.3	82.0	71.7	58.0	—	67.9	68.5	68.4	62.1	50.5	—	58.7
Subdistrict IB												
January	84.4	83.5	69.5	61.4	50.9	62.1	71.2	70.7	60.8	54.4	49.1	55.2
February	78.6	77.9	65.2	58.8	48.1	58.7	65.3	65.1	56.7	51.8	46.7	52.0
March	75.1	74.6	62.7	56.6	47.5	57.1	61.6	61.6	53.6	49.6	44.9	50.1
April	76.6	75.9	64.5	59.5	50.5	59.3	62.9	62.9	56.0	52.2	47.6	52.6
May	78.3	77.7	67.0	61.3	54.3	61.9	65.2	65.1	58.0	54.0	49.6	54.4
June	78.6	78.0	66.6	59.5	51.0	58.4	65.4	65.2	57.5	51.8	46.5	51.9
July	76.7	75.9	64.8	57.0	49.3	58.5	64.0	63.6	55.8	49.2	44.0	50.3
August	75.2	74.6	62.5	53.5	46.5	55.5	62.3	61.9	53.6	45.8	41.2	47.3
September	73.4	72.8	61.3	54.6	47.4	55.9	60.6	60.5	52.6	47.0	41.8	47.8
October	74.5	74.0	62.7	56.7	47.6	57.5	61.9	61.8	54.0	49.0	43.4	49.6
November	72.5	71.8	59.6	51.6	41.0	52.1	60.1	59.8	51.0	44.4	38.1	44.7
December	66.6	66.1	54.2	43.8	32.5	45.7	54.2	54.1	45.3	37.3	32.5	38.4
1998 Average	75.6	75.0	63.3	56.0	48.0	56.9	62.8	62.6	54.6	48.8	43.6	49.5
Delaware												
January	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—
October	—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—	—	—
1998 Average	—	—	—	—	—	—	—	—	—	—	—	—
District of Columbia												
January	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—
October	—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—	—	—
1998 Average	—	—	—	—	—	—	—	—	—	—	—	—

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
Maryland												
January	70.7	70.2	57.8	52.1	—	53.4	79.1	78.8	66.6	56.5	—	58.0
February	66.8	66.3	55.1	49.9	W	51.1	75.0	74.3	65.0	53.9	—	56.0
March	63.2	62.9	52.7	47.4	—	48.6	71.8	71.2	61.4	51.6	—	53.1
April	63.2	63.1	53.8	51.0	—	51.7	72.0	71.7	62.3	55.5	—	56.7
May	65.3	65.1	54.9	52.5	—	53.1	73.7	73.1	63.2	57.0	—	58.2
June	66.4	65.9	55.1	48.8	—	50.2	74.4	73.6	62.3	53.4	—	55.2
July	65.0	64.6	52.9	46.9	—	48.3	73.3	72.0	60.9	51.6	—	53.9
August	62.6	62.3	49.7	42.3	—	43.9	71.0	70.3	57.2	47.0	—	48.9
September	60.5	60.3	50.2	43.7	—	45.2	68.7	68.5	60.5	48.2	—	50.8
October	60.9	60.6	51.6	46.3	—	47.6	69.5	69.2	61.3	50.9	—	53.1
November	57.3	57.1	48.3	41.1	—	42.6	66.1	65.8	57.7	45.3	—	47.8
December	51.2	51.0	44.5	35.3	—	37.5	60.9	60.5	55.1	39.5	—	43.4
1998 Average	62.7	62.4	52.2	46.3	W	47.7	71.2	70.6	60.8	51.0	—	52.9
New Jersey												
January	—	—	—	—	48.8	48.8	—	—	—	—	—	—
February	—	—	—	—	46.7	46.7	—	—	—	—	—	—
March	—	—	—	—	43.9	43.9	—	—	—	—	—	—
April	—	—	—	—	47.0	47.0	—	—	—	—	—	—
May	—	—	—	—	48.3	48.3	—	—	—	—	—	—
June	—	—	—	—	44.8	44.8	—	—	—	—	—	—
July	—	—	—	—	42.7	42.7	—	—	—	—	—	—
August	—	—	—	—	40.3	40.3	—	—	—	—	—	—
September	—	—	—	—	40.0	40.0	—	—	—	—	—	—
October	—	—	—	—	42.2	42.2	—	—	—	—	—	—
November	—	—	—	—	37.5	37.5	—	—	—	—	—	—
December	—	—	—	—	31.9	31.9	—	—	—	—	—	—
1998 Average	—	—	—	—	42.5	42.5	—	—	—	—	—	—
New York												
January	71.4	70.4	61.7	53.9	50.3	56.1	79.8	77.8	66.8	58.3	—	62.4
February	65.4	64.8	56.8	51.2	47.1	52.3	74.8	73.0	61.4	55.1	—	58.1
March	60.3	60.0	52.2	48.3	47.0	49.4	69.4	68.4	56.7	51.7	—	54.0
April	61.1	60.8	54.5	50.5	NA	51.6	69.7	68.6	58.6	53.8	—	56.2
May	62.4	62.2	54.9	52.6	49.0	52.9	70.5	69.8	58.8	56.0	—	57.2
June	62.5	62.1	53.8	50.5	46.8	51.2	71.0	69.6	57.8	54.0	—	55.8
July	61.5	60.7	52.7	48.2	NA	49.5	69.9	68.4	57.9	51.8	—	54.7
August	59.8	58.9	50.1	44.7	W	46.4	68.5	66.5	56.1	48.7	—	52.4
September	58.3	57.8	49.7	45.9	NA	47.1	67.1	65.5	55.0	49.8	—	52.4
October	59.7	59.2	51.9	47.8	NA	49.1	68.3	66.9	56.8	51.9	—	54.3
November	59.4	58.7	50.1	43.6	W	45.2	68.1	65.8	55.1	48.2	—	51.9
December	55.4	54.5	44.6	36.4	NA	39.0	64.6	62.4	52.0	40.7	—	46.7
1998 Average	61.3	60.7	52.5	47.8	44.7	49.1	70.0	68.4	57.6	51.8	—	54.6
Pennsylvania												
January	65.6	65.5	56.6	52.1	48.8	53.1	74.0	73.9	62.3	56.5	—	59.3
February	59.7	59.8	52.9	49.7	45.7	50.1	68.1	68.2	58.3	54.1	—	56.1
March	56.7	56.9	50.5	47.8	44.6	48.4	65.1	65.2	57.3	51.9	—	54.5
April	58.5	58.7	53.2	50.6	46.7	51.1	66.6	66.7	58.8	54.5	—	56.6
May	61.3	61.5	56.1	52.3	49.4	53.1	69.2	69.3	61.4	55.6	—	58.4
June	61.6	61.7	55.8	50.0	45.0	51.1	69.6	69.2	61.3	54.2	—	57.3
July	59.7	59.8	53.5	47.0	43.6	48.4	68.1	67.7	59.0	50.8	—	54.6
August	57.8	57.9	51.5	43.7	40.5	45.6	66.8	66.8	57.8	47.4	—	52.2
September	56.2	56.4	50.3	45.0	42.4	46.1	65.0	65.0	57.1	48.6	—	52.6
October	57.5	57.7	51.2	47.1	43.7	48.0	66.3	66.4	56.6	51.6	—	54.0
November	54.9	55.0	47.4	42.3	37.8	43.2	62.7	62.8	53.2	47.0	—	50.0
December	47.9	48.1	41.0	35.4	32.7	36.4	56.7	56.8	47.6	39.9	—	43.5
1998 Average	58.0	58.2	51.9	46.9	43.1	47.9	66.4	66.4	57.7	51.1	—	54.2

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
Maryland												
January	86.1	85.1	66.0	60.7	—	61.6	74.7	74.1	59.9	54.4	—	55.5
February	82.2	81.3	63.6	59.0	—	60.2	70.9	70.3	57.4	51.9	W	53.1
March	78.6	77.5	61.1	56.9	—	57.8	67.4	67.0	54.8	49.5	—	50.7
April	78.9	78.2	63.1	61.6	—	62.0	67.5	67.2	56.0	53.3	—	54.0
May	80.5	79.8	66.8	63.1	—	63.8	69.5	69.2	57.2	54.9	—	55.5
June	81.7	80.5	66.9	59.3	—	60.9	70.5	70.0	57.7	51.1	—	52.5
July	80.8	79.7	65.0	57.6	—	59.2	69.4	68.8	56.0	49.4	—	50.9
August	78.7	77.4	62.3	52.8	—	54.5	67.1	66.6	52.4	44.8	—	46.3
September	76.2	75.6	61.4	54.3	—	55.6	65.0	64.9	52.9	46.0	—	47.5
October	77.1	76.5	62.9	56.9	—	58.1	65.4	65.1	54.2	48.6	—	49.9
November	73.5	72.8	58.5	51.0	—	52.5	61.9	61.6	51.0	43.3	—	44.9
December	67.9	67.1	55.4	45.3	—	47.4	56.2	55.9	47.5	37.6	—	39.9
1998 Average	78.3	77.4	62.7	56.4	—	57.7	67.0	66.6	54.7	48.6	W	50.0
New Jersey												
January	—	—	—	—	50.7	50.7	—	—	—	—	48.9	48.9
February	—	—	—	—	48.8	48.8	—	—	—	—	46.9	46.9
March	—	—	—	—	46.5	46.5	—	—	—	—	44.1	44.1
April	—	—	—	—	50.6	50.6	—	—	—	—	47.4	47.4
May	—	—	—	—	W	W	—	—	—	—	49.0	49.0
June	—	—	—	—	50.4	50.4	—	—	—	—	46.3	46.3
July	—	—	—	—	48.3	48.3	—	—	—	—	43.0	43.0
August	—	—	—	—	45.2	45.2	—	—	—	—	40.7	40.7
September	—	—	—	—	47.5	47.5	—	—	—	—	40.4	40.4
October	—	—	—	—	47.3	47.3	—	—	—	—	42.5	42.5
November	—	—	—	—	NA	NA	—	—	—	—	37.5	37.5
December	—	—	—	—	33.0	33.0	—	—	—	—	31.9	31.9
1998 Average	—	—	—	—	48.3	48.3	—	—	—	—	43.0	43.0
New York												
January	87.2	85.1	72.4	63.3	W	66.1	74.0	72.9	63.7	55.3	50.8	57.8
February	82.1	80.5	67.5	60.3	—	63.0	68.3	67.4	58.8	52.6	47.1	53.9
March	77.0	75.5	62.9	57.6	W	58.5	63.2	62.7	54.2	49.7	47.9	51.0
April	77.4	75.8	65.0	59.7	—	61.7	63.9	63.3	56.4	51.8	NA	53.1
May	77.8	76.6	65.8	62.2	—	63.4	65.1	64.7	56.9	54.1	49.0	54.6
June	78.2	77.0	65.0	60.2	W	61.4	65.1	64.6	55.8	52.0	47.7	52.9
July	77.0	75.4	64.2	57.7	W	59.7	64.3	63.4	55.0	49.8	NA	51.4
August	75.5	74.0	61.5	54.2	—	57.0	62.7	61.7	52.5	46.3	W	48.4
September	74.1	72.5	60.9	55.3	W	57.3	61.2	60.4	51.8	47.5	NA	48.9
October	75.5	74.2	63.2	57.1	W	59.3	62.5	61.9	53.9	49.2	NA	50.8
November	75.0	73.2	61.0	52.6	W	55.3	62.3	61.2	52.2	45.1	W	46.9
December	71.3	69.6	57.2	45.4	NA	49.9	58.3	57.3	47.0	37.8	NA	40.9
1998 Average	77.0	75.5	63.6	57.0	50.3	59.2	64.1	63.3	54.6	49.2	45.1	50.8
Pennsylvania												
January	83.1	82.5	68.1	60.5	50.6	61.1	69.4	69.3	59.2	53.8	49.2	55.0
February	76.7	76.4	64.2	58.0	47.6	58.1	63.4	63.5	55.5	51.4	46.1	52.0
March	74.0	73.9	62.6	56.1	46.7	57.0	60.5	60.7	53.3	49.5	45.1	50.4
April	76.0	75.8	64.4	59.2	50.5	59.0	62.2	62.3	55.8	52.3	47.9	53.0
May	78.3	78.1	67.6	60.7	55.5	62.2	65.0	65.1	58.7	53.9	50.6	55.1
June	78.5	78.3	67.5	59.2	52.4	60.8	65.2	65.3	58.6	51.8	46.6	53.2
July	76.2	76.0	65.1	56.5	49.4	58.1	63.5	63.5	56.3	48.8	45.0	50.6
August	74.9	74.7	63.2	53.2	47.6	55.6	61.8	61.8	54.5	45.6	42.0	47.9
September	72.9	72.7	61.5	54.2	47.2	55.6	60.1	60.2	53.2	46.8	43.3	48.3
October	73.8	73.7	62.4	56.5	47.7	57.1	61.4	61.5	54.0	48.9	44.8	50.1
November	71.4	71.0	58.7	51.1	42.4	51.6	58.7	58.9	50.2	44.1	39.1	45.3
December	64.4	64.4	52.4	42.9	32.2	44.3	52.0	52.1	44.0	37.0	32.6	38.3
1998 Average	74.7	74.5	63.2	55.4	47.6	56.6	61.8	61.9	54.6	48.6	44.2	49.9

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	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												
January	64.3	64.0	57.2	50.6	49.7	52.5	74.6	74.1	64.1	55.0	—	58.5
February	60.8	60.5	54.1	48.8	47.6	50.4	70.8	70.5	60.5	53.2	—	56.1
March	58.5	58.3	52.1	46.5	46.2	48.2	68.5	68.2	58.4	50.8	—	53.7
April	59.3	59.1	54.0	49.6	NA	51.0	69.1	68.9	60.2	53.9	—	56.3
May	60.9	60.8	55.1	51.5	50.0	52.6	70.5	70.1	61.4	55.8	—	58.0
June	60.6	60.3	53.4	48.4	45.4	49.9	70.3	69.8	60.4	52.8	—	55.8
July	59.3	58.9	51.6	46.8	44.8	48.3	69.3	68.8	59.3	51.2	—	54.3
August	56.8	56.5	49.3	42.1	40.7	44.4	67.2	66.8	56.5	46.5	—	50.4
September	55.5	55.3	49.6	43.7	NA	45.6	65.8	65.5	56.6	47.8	—	51.3
October	57.1	56.8	50.4	46.6	NA	47.8	67.3	67.0	58.0	51.1	—	53.7
November	55.3	54.9	46.0	39.2	40.1	41.5	65.8	65.3	54.7	43.9	—	48.1
December	50.8	50.3	42.4	34.0	NA	36.8	61.5	61.0	50.3	38.5	—	43.0
1998 Average	58.3	58.0	51.1	45.6	43.7	47.3	68.3	67.9	58.4	50.0	—	53.3
Florida												
January	66.2	65.5	59.1	50.9	49.8	53.1	76.9	76.3	66.6	54.9	—	59.8
February	62.9	62.3	54.0	48.9	48.5	50.4	73.2	72.5	60.7	53.1	—	56.4
March	60.4	59.9	51.4	46.6	W	48.0	70.9	70.2	58.0	50.7	—	53.7
April	61.5	60.9	51.5	49.4	W	50.1	71.7	71.0	59.6	53.4	—	56.0
May	63.6	63.0	54.1	51.4	NA	52.2	72.9	72.1	60.9	55.5	—	57.7
June	63.2	62.5	53.8	48.4	NA	50.1	73.0	71.9	61.0	52.6	—	56.1
July	62.1	61.4	53.0	46.7	NA	48.6	72.5	71.4	60.5	51.0	—	54.9
August	59.4	58.7	50.5	41.9	41.2	44.4	70.5	69.5	58.1	46.1	—	51.2
September	57.8	57.2	48.8	43.7	W	45.1	68.9	68.0	56.6	47.5	—	51.3
October	58.9	58.3	51.3	46.7	NA	48.1	70.1	69.3	58.8	50.7	—	54.1
November	57.3	56.7	49.6	39.6	41.0	42.4	68.9	67.7	57.6	43.8	—	49.7
December	53.3	52.6	46.0	34.1	NA	37.3	65.2	64.2	54.2	38.4	—	44.9
1998 Average	60.5	59.9	52.0	45.7	43.7	47.5	71.2	70.3	59.4	49.9	—	53.9
Georgia												
January	60.7	61.1	55.0	50.4	W	51.7	69.9	70.1	59.7	55.6	—	57.4
February	57.1	57.4	53.1	48.4	—	49.8	66.7	67.4	57.8	53.7	—	55.5
March	55.5	55.7	52.4	46.3	—	48.2	65.1	65.4	56.7	51.1	—	53.6
April	55.8	56.1	53.6	49.4	—	50.7	65.0	65.6	58.2	54.2	—	56.1
May	56.6	57.1	54.3	51.2	W	52.2	66.1	66.6	58.9	56.3	—	57.5
June	57.6	57.9	51.9	48.5	—	49.6	67.3	67.4	57.2	53.4	—	55.3
July	55.9	56.1	49.2	47.0	W	47.5	65.7	66.0	55.0	51.7	—	53.3
August	53.3	53.3	46.5	42.3	—	43.6	63.2	63.5	52.3	47.1	—	49.6
September	52.6	52.7	49.7	43.7	W	45.6	62.6	63.1	54.4	48.2	—	51.2
October	55.5	55.5	49.4	46.2	—	47.2	64.5	64.7	54.6	51.2	—	52.8
November	53.5	53.4	NA	38.7	W	41.1	63.6	63.5	NA	43.8	—	47.4
December	49.3	48.9	40.4	33.6	34.3	35.7	59.8	59.1	46.3	38.5	—	41.9
1998 Average	55.3	55.4	50.0	45.5	42.1	46.9	64.9	65.1	55.2	50.4	—	52.6
North Carolina												
January	64.8	64.3	57.9	50.9	50.9	52.6	75.4	74.7	65.9	55.5	—	58.5
February	60.7	60.4	55.4	49.1	W	50.7	71.2	70.6	63.3	53.6	—	56.5
March	57.4	57.1	52.8	46.8	W	48.3	67.6	67.0	60.7	51.2	—	54.0
April	57.9	57.7	55.4	49.9	—	51.8	68.0	67.6	62.6	54.5	—	57.0
May	59.6	59.3	55.2	51.6	W	52.8	69.7	69.2	64.0	56.2	—	58.6
June	58.6	58.2	53.0	48.4	44.6	49.7	68.8	68.3	62.8	53.1	—	56.2
July	57.9	57.3	50.9	46.8	W	48.1	68.1	67.5	61.9	51.5	—	54.8
August	55.9	55.3	48.1	42.2	W	44.2	66.4	65.9	58.4	47.0	—	50.6
September	54.5	53.9	47.7	43.8	W	45.1	64.5	64.1	58.0	48.3	—	51.2
October	56.2	55.5	47.4	46.6	—	46.9	66.3	66.0	59.8	51.2	—	53.7
November	53.9	53.0	41.7	39.3	W	40.1	64.3	64.0	54.7	44.0	—	47.1
December	48.7	47.9	39.6	33.9	33.4	35.9	58.8	58.6	49.6	38.4	—	41.8
1998 Average	57.1	56.6	49.9	45.7	45.4	47.1	67.3	66.8	60.2	50.3	—	53.3

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
Subdistrict IC												
January	83.2	82.2	70.5	60.2	52.1	63.7	69.5	69.1	61.3	53.0	50.1	55.6
February	79.4	78.4	66.3	58.4	49.5	61.0	66.0	65.7	57.9	51.2	48.1	53.4
March	76.9	76.1	63.8	56.1	W	58.8	63.7	63.4	55.9	49.0	46.5	51.2
April	78.0	77.1	65.6	59.4	W	61.7	64.6	64.3	57.6	52.1	49.2	53.9
May	79.2	78.1	66.4	61.7	53.7	63.5	66.1	65.8	58.7	54.1	50.5	55.6
June	79.1	78.2	65.1	58.7	W	61.1	65.8	65.5	57.2	51.0	46.4	53.1
July	77.7	76.9	63.5	57.2	52.3	59.5	64.6	64.2	55.6	49.5	46.0	51.5
August	75.3	74.4	61.5	52.6	W	56.0	62.2	61.9	53.2	44.8	41.0	47.7
September	74.2	73.4	61.1	53.7	50.6	56.5	61.0	60.7	53.4	46.3	42.8	48.7
October	75.9	75.0	62.0	56.7	W	58.7	62.6	62.3	54.2	49.2	NA	50.9
November	74.1	73.1	58.2	49.1	W	52.6	61.0	60.5	50.1	41.9	40.6	44.8
December	69.6	68.3	54.6	43.6	33.9	47.7	56.7	56.1	46.5	36.6	NA	40.0
1998 Average	76.7	75.8	63.0	55.4	49.3	58.2	63.6	63.2	55.0	48.2	44.6	50.4
Florida												
January	84.5	83.2	73.3	60.6	W	65.7	71.5	70.9	64.8	53.3	50.0	57.0
February	80.8	79.5	67.5	58.8	W	62.3	68.1	67.5	59.3	51.5	48.5	54.2
March	78.4	77.3	64.4	56.2	—	59.9	65.7	65.2	56.6	49.1	W	51.7
April	79.2	78.1	66.1	59.1	W	62.2	66.8	66.2	57.4	51.9	W	53.9
May	80.4	79.2	67.4	61.6	W	64.2	68.7	68.0	59.5	54.1	W	56.1
June	80.9	79.5	67.5	58.8	W	62.4	68.4	67.7	59.4	51.2	W	54.1
July	79.4	78.1	66.5	57.3	W	61.3	67.4	66.6	58.6	49.6	W	52.8
August	77.2	76.0	64.5	52.4	—	57.8	64.9	64.2	56.3	44.7	41.2	48.7
September	75.8	74.6	62.9	53.8	W	57.7	63.5	62.8	54.7	46.3	43.3	49.2
October	77.2	76.0	65.0	56.8	W	60.2	64.6	64.0	56.9	49.3	W	51.9
November	75.6	74.4	63.7	49.4	W	55.6	63.2	62.5	55.5	42.3	41.4	46.7
December	71.7	70.3	60.2	44.0	NA	50.8	59.3	58.5	52.0	36.8	NA	41.7
1998 Average	78.3	77.1	65.7	55.6	49.6	60.0	66.0	65.3	57.6	48.3	45.1	51.5
Georgia												
January	79.0	79.0	66.9	59.9	—	62.3	65.4	65.8	58.2	52.7	W	54.5
February	75.4	74.9	64.5	58.2	—	60.4	61.9	62.5	56.4	50.8	—	52.6
March	73.4	73.5	63.5	55.6	—	58.4	60.4	60.8	55.6	48.6	—	51.0
April	74.1	74.3	65.0	59.2	—	61.2	60.6	61.2	56.8	51.8	—	53.5
May	75.1	74.5	65.7	61.6	—	63.1	61.6	62.2	57.6	53.8	W	55.1
June	76.1	76.0	63.4	58.9	W	60.6	62.7	63.1	55.4	51.1	W	52.6
July	74.3	74.8	60.9	57.6	—	58.8	61.0	61.5	52.8	49.6	W	50.6
August	71.7	71.6	58.4	53.0	—	55.0	58.4	58.8	50.2	44.9	—	46.7
September	71.3	71.6	60.7	53.7	—	56.3	57.9	58.4	53.1	46.2	W	48.6
October	73.4	73.5	61.1	56.3	—	58.1	60.4	60.7	52.8	48.8	—	50.2
November	72.3	71.9	NA	48.4	—	51.9	58.9	59.0	NA	41.3	W	44.1
December	68.0	66.4	52.8	43.0	—	46.6	54.8	54.5	44.3	36.1	34.3	38.8
1998 Average	73.5	73.4	61.5	55.3	W	57.5	60.3	60.7	53.4	47.9	42.5	49.8
North Carolina												
January	84.7	83.9	71.0	60.8	—	63.3	70.6	69.9	61.7	53.5	50.9	55.5
February	80.4	79.7	68.6	58.9	W	61.1	66.5	66.0	59.1	51.7	W	53.6
March	77.0	76.3	65.2	56.6	—	58.8	63.1	62.6	56.5	49.4	W	51.2
April	78.2	77.0	65.5	60.1	—	62.0	63.8	63.3	58.3	52.6	—	54.5
May	79.5	78.5	65.2	62.2	W	63.3	65.4	64.9	58.2	54.4	48.9	55.7
June	78.5	77.3	62.7	59.0	—	60.3	64.4	63.8	56.2	51.2	44.6	52.6
July	77.8	76.4	61.7	57.5	W	58.8	63.8	63.0	54.6	49.7	46.0	51.3
August	75.3	74.0	58.6	53.1	—	55.0	61.8	61.0	51.5	45.1	W	47.3
September	73.9	72.7	57.9	54.1	—	55.4	60.5	59.7	51.0	46.6	W	48.1
October	75.9	74.5	57.3	56.9	—	57.0	62.1	61.4	50.8	49.4	—	49.9
November	73.6	72.1	51.7	49.4	W	50.2	60.1	59.1	45.2	42.1	W	43.1
December	68.3	67.0	49.9	43.7	W	45.7	55.3	54.4	42.9	36.7	33.4	38.8
1998 Average	76.6	75.4	60.4	55.8	48.8	57.3	63.0	62.3	53.3	48.5	45.6	50.0

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
South Carolina												
January	61.1	61.1	54.3	50.8	—	51.6	71.5	71.3	59.5	55.6	—	56.7
February	58.1	58.1	52.7	49.1	W	49.9	67.9	67.8	57.8	53.7	—	54.9
March	56.6	56.6	49.0	46.8	—	47.3	66.7	66.5	54.0	51.4	—	52.2
April	57.6	57.9	51.9	49.9	—	50.4	67.9	67.7	57.2	54.6	—	55.4
May	58.6	59.3	53.4	51.7	—	52.1	68.7	68.6	58.8	56.4	—	57.2
June	57.2	57.9	50.7	48.3	—	48.9	67.6	67.4	55.4	53.1	—	53.8
July	55.6	55.8	49.1	46.8	—	47.3	65.8	65.6	54.5	51.5	—	52.4
August	53.8	54.4	45.6	42.3	W	43.1	64.2	64.0	50.4	47.1	—	48.1
September	52.7	53.2	46.5	44.0	—	44.6	63.2	62.9	51.7	48.6	—	49.6
October	54.6	54.8	48.3	46.7	—	47.2	64.6	64.4	54.3	51.5	—	52.3
November	52.3	52.2	41.7	39.0	—	39.7	62.2	62.0	47.8	44.0	—	45.2
December	47.8	47.5	37.8	34.0	W	35.0	58.4	58.1	43.5	38.6	—	40.2
1998 Average	55.5	55.8	48.1	45.7	37.9	46.3	65.7	65.5	53.5	50.5	—	51.5
Virginia												
January	66.2	65.9	56.7	49.7	W	52.5	76.2	75.1	65.1	52.3	—	57.3
February	62.2	62.0	52.8	47.9	46.8	49.8	72.1	72.0	61.7	50.4	—	55.2
March	61.0	60.9	51.7	45.9	44.6	48.0	70.5	70.2	60.8	49.0	—	53.4
April	61.9	61.9	55.2	49.2	NA	51.0	71.6	71.6	63.6	51.8	—	55.9
May	63.3	63.3	55.8	50.9	NA	52.4	72.6	72.4	63.5	53.7	—	57.1
June	62.7	62.6	55.2	47.7	NA	49.9	72.1	71.5	64.1	50.6	—	55.3
July	61.6	61.7	53.5	45.9	NA	48.3	71.1	70.8	62.4	48.7	—	53.6
August	59.7	59.8	53.5	41.0	W	45.9	69.2	69.0	62.0	44.0	—	50.3
September	58.6	58.8	53.4	42.7	W	46.8	68.2	68.0	60.9	45.3	—	51.0
October	59.1	59.3	55.0	46.3	NA	49.7	69.1	68.9	62.3	50.4	—	54.8
November	57.7	57.9	49.3	38.8	NA	43.4	67.1	67.0	58.1	43.2	—	49.2
December	52.2	52.3	46.2	34.0	NA	39.3	62.1	62.0	54.4	38.0	—	44.4
1998 Average	60.5	60.5	52.9	45.0	NA	47.9	70.0	69.8	61.5	48.1	—	53.1
West Virginia												
January	67.4	67.1	60.8	50.9	—	56.1	76.7	76.3	65.8	56.5	—	62.1
February	64.8	64.5	59.4	50.5	—	55.5	74.2	73.9	63.9	55.2	—	60.7
March	62.8	62.6	57.8	47.9	—	53.4	71.8	71.5	62.9	52.7	—	58.7
April	64.2	64.1	60.3	51.8	—	56.5	73.2	73.0	64.8	56.7	—	61.8
May	67.3	67.2	62.8	55.7	—	60.0	76.8	76.5	68.5	60.5	—	65.5
June	66.9	66.7	60.5	53.3	—	57.7	76.1	75.7	65.6	59.0	—	63.3
July	64.3	64.1	59.1	51.4	—	56.0	73.4	73.0	64.7	56.6	—	61.8
August	59.2	59.2	54.8	46.8	—	51.5	68.2	68.0	60.7	52.2	—	57.5
September	57.0	57.0	55.3	47.7	—	52.4	65.9	65.7	61.2	52.9	—	58.2
October	57.8	57.8	56.1	50.1	—	53.9	66.7	66.5	61.2	54.7	—	58.7
November	56.9	56.8	51.8	43.6	—	48.6	65.9	65.7	56.2	49.2	—	53.7
December	52.2	52.0	46.2	37.7	—	43.0	61.1	60.9	50.9	43.1	—	48.1
1998 Average	61.7	61.5	57.1	49.2	—	53.9	70.7	70.5	62.2	54.2	—	59.2
PAD District II												
January	63.3	63.2	55.5	49.8	47.9	50.9	70.3	70.3	61.2	55.2	—	57.5
February	62.5	62.5	56.1	50.6	47.9	51.6	70.2	70.0	61.7	55.0	—	57.6
March	61.8	61.8	54.8	48.5	47.3	49.8	69.4	69.3	60.4	52.8	—	55.7
April	63.7	63.7	57.2	51.9	49.1	52.8	71.4	71.3	62.6	56.4	—	58.8
May	66.9	66.8	60.3	54.8	50.6	55.7	75.1	74.9	66.0	59.4	—	61.9
June	65.5	65.4	58.5	52.4	49.1	53.4	73.7	73.4	64.6	56.4	—	59.7
July	64.5	64.4	57.0	51.0	47.7	52.1	72.4	72.2	64.0	55.1	—	58.7
August	60.4	60.4	52.3	45.2	43.3	46.6	68.7	68.5	59.2	49.6	—	53.4
September	59.2	59.2	52.3	46.2	42.7	47.2	67.3	67.2	58.3	50.6	—	53.5
October	59.7	59.7	52.5	46.9	43.4	47.9	67.7	67.6	58.3	51.6	—	54.1
November	55.3	55.3	47.4	40.3	37.9	41.7	63.5	63.4	54.0	45.0	—	48.5
December	49.1	49.1	41.7	34.8	34.6	36.3	57.8	57.7	49.0	39.7	—	43.4
1998 Average	61.0	61.0	53.9	47.8	45.0	48.8	68.9	68.8	60.0	52.2	—	55.2

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
South Carolina												
January	80.4	80.0	65.1	60.9	—	61.9	66.1	66.0	57.0	53.2	—	54.1
February	76.9	76.5	62.9	58.9	W	59.4	63.0	62.9	55.2	51.5	48.9	52.3
March	75.2	74.8	59.9	56.7	—	57.4	61.6	61.5	51.8	49.2	—	49.8
April	77.2	76.7	62.3	60.1	—	60.7	62.7	62.8	54.5	52.4	—	52.9
May	77.8	77.4	64.1	62.3	—	62.7	63.8	64.1	56.2	54.3	—	54.8
June	76.6	76.2	61.9	58.8	—	59.6	62.4	62.7	53.5	50.9	—	51.6
July	75.1	74.6	60.1	57.5	W	58.0	60.9	60.8	52.0	49.5	W	50.1
August	73.0	72.4	57.2	53.1	—	54.1	59.1	59.3	48.4	45.1	W	45.9
September	71.9	71.4	57.8	54.2	—	55.1	58.0	58.2	49.5	46.5	—	47.3
October	73.5	73.1	59.2	56.8	—	57.4	59.7	59.7	51.2	49.3	—	49.8
November	71.1	70.4	52.5	49.1	W	50.0	57.6	57.3	44.7	41.6	W	42.5
December	66.9	66.0	48.0	43.6	W	44.3	53.3	52.9	40.6	36.5	W	37.6
1998 Average	74.5	74.0	58.8	55.8	42.2	56.4	60.7	60.7	50.9	48.3	40.1	48.9
Virginia												
January	84.1	82.7	NA	57.8	W	62.3	71.0	70.5	60.1	51.6	50.0	55.0
February	80.5	79.3	63.3	56.0	W	59.0	67.1	66.9	56.0	49.8	47.1	52.2
March	78.8	77.5	60.9	54.4	W	56.8	65.9	65.7	54.7	47.9	45.5	50.4
April	80.0	79.2	65.8	57.6	W	60.4	66.9	66.9	58.4	51.1	NA	53.4
May	81.2	80.5	66.5	59.5	W	61.7	68.2	68.2	58.8	52.9	NA	54.7
June	80.7	80.2	65.6	56.5	—	59.9	67.6	67.5	58.5	49.7	NA	52.4
July	79.7	79.4	63.2	54.9	W	57.9	66.6	66.7	56.8	48.0	45.7	50.9
August	77.8	77.5	64.1	50.3	W	56.1	64.8	64.9	56.6	43.2	NA	48.5
September	76.9	76.8	63.3	51.4	W	56.4	63.8	64.0	56.3	44.7	NA	49.1
October	78.1	77.7	64.2	56.3	W	59.7	64.6	64.6	57.7	48.8	W	52.3
November	75.8	75.4	57.8	48.6	NA	52.7	62.9	63.0	52.0	41.3	NA	45.9
December	70.7	70.3	NA	43.2	W	48.1	57.7	57.7	48.7	36.4	NA	41.7
1998 Average	78.5	77.9	62.7	53.7	W	57.3	65.5	65.5	55.9	47.1	NA	50.3
West Virginia												
January	84.8	84.2	72.8	59.8	—	67.6	71.2	70.9	63.4	52.7	—	58.6
February	81.8	81.2	71.0	59.9	—	66.4	68.6	68.3	61.8	52.5	—	57.9
March	79.9	79.3	70.1	57.2	—	64.6	66.6	66.3	60.4	49.8	—	55.8
April	81.9	81.2	72.1	61.8	—	67.7	67.9	67.7	62.7	53.8	—	58.8
May	84.6	84.1	73.8	66.0	—	71.0	71.1	70.9	65.4	57.8	—	62.4
June	84.1	83.4	72.5	64.0	—	69.5	70.7	70.3	63.1	55.5	—	60.2
July	81.5	80.9	70.3	62.2	—	67.4	68.1	67.8	61.7	53.6	—	58.6
August	77.0	76.7	66.6	57.4	—	63.0	63.1	63.0	57.6	49.2	—	54.2
September	74.9	74.5	67.0	58.1	—	63.7	60.8	60.8	58.0	50.0	—	55.0
October	75.6	75.3	68.1	60.3	—	65.2	61.7	61.6	58.8	52.5	—	56.5
November	74.5	74.1	63.7	54.1	—	60.1	60.9	60.8	54.4	45.9	—	51.2
December	69.0	68.5	58.1	48.0	—	54.3	56.1	55.9	48.9	40.1	—	45.5
1998 Average	78.9	78.4	68.7	59.0	—	65.0	65.5	65.3	59.7	51.3	—	56.3
PAD District II												
January	77.6	77.2	67.8	58.5	52.9	60.8	65.9	65.8	58.0	51.4	48.2	52.7
February	77.4	76.9	68.2	59.2	48.9	61.5	65.2	65.1	58.6	52.0	47.9	53.3
March	76.6	76.1	66.6	56.9	48.5	59.4	64.5	64.4	57.2	49.9	47.3	51.5
April	78.9	78.4	69.0	60.7	52.8	62.8	66.4	66.3	59.5	53.3	49.3	54.4
May	82.2	81.7	72.4	63.9	55.9	66.2	69.7	69.5	62.7	56.3	50.7	57.5
June	80.9	80.3	70.8	61.5	53.9	64.0	68.2	68.0	61.0	53.9	49.2	55.2
July	79.8	79.2	69.0	60.0	52.7	62.3	67.2	67.0	59.6	52.5	48.0	54.0
August	75.8	75.2	64.3	54.7	50.5	57.2	63.3	63.1	54.9	46.8	43.6	48.5
September	74.8	74.3	64.1	55.4	47.2	57.6	62.1	62.0	54.8	47.8	42.9	49.0
October	75.4	74.8	64.8	56.3	47.2	58.5	62.7	62.5	55.0	48.5	43.6	49.8
November	70.8	70.3	59.4	49.5	40.0	51.9	58.3	58.1	50.0	41.9	38.0	43.6
December	64.9	64.5	53.5	43.9	35.7	46.2	52.3	52.1	44.4	36.5	34.7	38.2
1998 Average	76.1	75.6	65.8	56.5	48.5	58.9	63.8	63.7	56.4	49.3	45.1	50.6

See footnotes at end of table.

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

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Illinois												
January	64.3	64.5	58.8	48.7	48.1	49.2	65.9	66.4	60.6	53.2	—	55.3
February	63.7	63.9	61.9	49.9	47.2	49.8	67.2	67.6	61.0	53.5	—	55.4
March	62.0	62.3	58.5	47.0	46.2	47.6	65.1	65.6	56.8	51.0	—	52.4
April	63.7	64.1	61.3	51.4	48.5	51.5	67.9	68.4	59.7	55.5	—	56.5
May	68.3	68.5	63.5	54.9	52.3	54.9	72.1	72.4	62.6	58.8	—	59.9
June	65.6	65.9	61.9	52.7	50.1	52.5	69.9	70.3	60.7	56.5	—	57.9
July	65.7	66.0	60.9	51.4	48.5	51.3	69.5	69.8	59.4	55.1	—	56.2
August	62.4	62.5	56.2	44.4	43.4	44.8	65.6	66.0	53.3	49.0	—	50.2
September	60.9	61.1	56.1	45.8	41.7	45.3	64.1	64.7	54.6	49.8	—	51.0
October	61.0	61.2	55.7	46.1	44.6	46.5	63.9	64.5	54.8	49.1	—	50.5
November	56.8	57.0	51.5	40.1	39.8	40.8	59.7	60.1	51.7	44.6	—	46.3
December	49.6	49.8	NA	34.2	34.6	35.3	54.5	54.8	45.5	38.4	—	40.5
1998 Average	62.1	62.3	57.6	47.2	45.4	47.4	65.1	65.5	56.4	50.9	—	52.4
Indiana												
January	63.6	63.5	56.7	49.2	48.5	51.3	70.0	70.0	61.8	52.5	—	56.8
February	62.3	62.3	56.3	49.7	46.2	51.2	69.9	69.8	61.1	53.3	—	57.0
March	61.4	61.5	54.5	47.4	47.2	49.3	69.2	69.1	59.2	50.8	—	54.7
April	64.7	64.6	57.4	51.1	49.4	52.5	72.4	72.1	62.4	54.5	—	57.9
May	68.0	67.8	60.4	53.7	50.7	55.0	76.0	75.5	65.3	57.2	—	60.7
June	66.0	65.8	58.3	50.3	48.8	52.2	74.5	74.0	63.4	54.0	—	58.1
July	64.2	64.0	56.6	49.1	46.7	50.9	72.4	71.7	61.8	52.9	—	56.6
August	60.2	60.1	52.3	43.4	43.4	45.6	69.1	68.7	58.1	47.3	—	51.9
September	60.1	60.1	52.8	45.1	41.1	46.7	69.0	68.7	57.8	48.9	—	52.6
October	59.7	59.7	52.0	45.9	42.1	47.1	67.6	67.5	57.6	49.6	—	52.9
November	56.5	56.4	48.0	39.4	NA	41.5	64.7	64.5	53.8	42.9	—	47.5
December	51.9	51.9	42.7	34.6	33.7	36.3	60.6	60.4	48.6	38.6	—	42.8
1998 Average	61.6	61.5	54.2	46.5	44.7	48.3	69.5	69.2	59.3	50.1	—	54.1
Iowa												
January	65.6	65.8	55.6	51.3	—	51.8	70.1	70.5	59.9	59.2	—	59.4
February	63.1	63.4	55.9	52.9	W	53.0	69.1	69.2	61.1	58.6	—	59.2
March	63.4	63.6	55.8	51.5	—	52.0	69.0	69.2	60.1	NA	—	57.7
April	63.4	63.8	57.5	53.6	—	54.0	69.0	69.2	61.3	59.8	—	60.2
May	65.7	66.0	59.3	56.0	—	56.4	71.1	71.3	63.5	63.3	—	63.4
June	63.9	64.4	57.3	53.7	—	54.1	70.3	70.4	61.6	59.3	—	59.9
July	64.3	64.7	56.2	52.6	—	53.0	69.2	69.4	60.9	59.1	—	59.5
August	61.1	61.5	51.2	47.1	—	47.5	66.4	66.6	55.5	52.9	—	53.6
September	59.1	59.6	51.5	47.7	—	48.1	65.2	65.2	56.2	53.7	—	54.3
October	58.5	59.0	51.7	47.9	—	48.3	65.5	65.4	56.3	55.9	—	56.0
November	54.3	54.8	46.6	40.9	—	41.5	61.2	61.4	51.2	47.7	—	48.6
December	49.4	49.8	41.2	36.0	—	36.6	55.4	55.7	45.4	NA	—	44.0
1998 Average	61.0	61.4	53.4	49.4	W	49.8	66.8	66.9	57.8	56.0	—	56.4
Kansas												
January	62.7	62.5	55.9	49.8	47.9	50.4	68.4	68.4	57.4	53.2	—	55.1
February	62.4	62.4	56.7	51.4	48.6	52.0	68.7	68.7	58.1	55.3	—	56.8
March	62.2	62.0	56.5	50.0	47.8	50.6	68.1	68.1	57.6	54.6	—	56.0
April	62.5	62.4	56.7	52.1	49.1	52.3	68.9	68.9	NA	56.8	—	58.1
May	63.8	63.9	58.0	54.7	50.8	54.6	70.6	70.6	NA	59.4	—	60.5
June	63.2	62.8	56.2	52.6	W	52.5	69.6	69.6	NA	57.2	—	58.8
July	63.8	63.5	55.2	51.6	47.3	51.5	70.5	70.4	NA	56.2	—	57.9
August	61.0	60.7	51.1	46.2	41.7	46.1	67.1	67.0	NA	51.2	—	52.9
September	59.2	58.9	51.8	46.6	W	46.9	64.6	64.6	NA	51.4	—	52.7
October	58.5	58.2	52.7	46.9	W	47.2	63.6	63.5	NA	51.5	—	53.0
November	54.5	54.2	46.2	39.6	36.3	39.9	60.2	60.1	NA	43.8	—	46.4
December	47.9	47.7	43.5	34.5	33.0	35.7	53.4	53.3	NA	39.9	—	41.3
1998 Average	60.1	59.9	53.3	48.1	44.2	48.2	65.9	65.9	56.3	52.0	—	53.9

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
Illinois												
January	75.5	75.5	65.1	58.0	49.4	56.9	65.6	65.8	59.7	50.0	48.1	50.2
February	76.2	76.0	NA	59.5	W	57.8	65.4	65.6	62.8	51.1	47.2	50.8
March	74.6	74.6	64.0	56.6	W	55.9	63.6	63.9	58.7	48.3	46.1	48.6
April	77.8	77.7	65.6	61.5	W	61.3	65.5	65.9	61.4	52.8	48.7	52.7
May	81.6	81.5	67.0	65.3	—	65.5	70.0	70.2	63.7	56.2	52.3	56.1
June	78.9	78.9	66.3	63.0	W	62.6	67.4	67.7	62.1	54.1	50.2	53.6
July	79.0	78.9	64.4	61.6	W	60.6	67.4	67.7	61.0	52.8	48.9	52.5
August	76.3	76.2	63.3	55.2	W	55.8	64.1	64.2	56.3	46.1	43.6	46.2
September	74.8	74.6	61.9	56.0	W	56.3	62.6	62.9	56.5	47.2	41.8	46.6
October	73.8	73.8	61.3	56.0	W	55.1	62.6	62.9	56.1	47.5	44.7	47.7
November	70.2	70.1	59.5	49.9	W	50.4	58.5	58.7	52.4	41.6	39.9	42.1
December	65.0	65.0	54.1	43.9	W	44.8	51.8	52.1	46.7	35.7	34.6	36.5
1998 Average	75.4	75.4	63.5	56.9	49.1	56.8	63.7	64.0	58.0	48.6	45.6	48.6
Indiana												
January	76.6	76.3	68.3	58.0	W	61.1	66.6	66.5	59.2	50.8	51.5	53.5
February	76.2	76.0	67.8	58.8	—	62.0	65.4	65.4	58.7	51.3	46.2	53.2
March	75.5	75.3	65.9	56.4	—	59.7	64.6	64.6	56.9	49.0	47.2	51.3
April	79.4	78.9	69.1	60.3	—	63.2	67.8	67.7	59.8	52.7	49.4	54.3
May	83.5	82.7	72.2	63.4	—	66.3	71.3	71.0	62.9	55.3	50.7	57.0
June	81.8	81.0	70.4	60.4	W	63.4	69.4	69.1	60.8	52.0	48.9	54.2
July	80.1	79.3	68.0	59.1	W	61.6	67.5	67.3	59.1	50.9	46.9	52.9
August	76.4	75.9	64.6	53.7	W	56.8	63.8	63.7	55.0	45.3	43.8	47.7
September	76.7	76.1	64.2	54.9	W	57.3	63.8	63.7	55.3	46.9	41.3	48.8
October	75.3	74.9	64.1	55.6	—	58.3	63.2	63.1	54.7	47.6	42.1	49.3
November	72.4	72.1	59.6	49.0	—	52.2	60.2	60.1	50.8	41.2	NA	43.7
December	68.6	68.4	54.4	44.0	W	46.4	55.8	55.8	45.5	36.4	33.6	38.4
1998 Average	76.7	76.3	65.7	55.9	51.1	58.8	64.9	64.8	56.7	48.2	45.0	50.3
Iowa												
January	74.4	74.5	62.8	59.2	—	59.8	66.6	66.8	57.6	53.1	—	53.7
February	73.1	73.2	63.6	60.5	—	61.0	64.4	64.6	58.1	54.2	W	54.6
March	71.9	72.0	63.9	59.2	—	60.0	64.6	64.8	57.7	52.9	—	53.6
April	72.3	72.5	65.3	61.5	—	62.2	64.6	65.0	59.2	54.9	—	55.5
May	75.0	75.1	66.3	64.0	—	64.5	66.9	67.1	61.1	57.5	—	58.0
June	73.4	73.6	65.4	61.8	—	62.5	65.2	65.7	59.3	55.0	—	55.5
July	74.2	74.3	64.4	60.9	—	61.5	65.4	65.8	58.1	54.0	—	54.5
August	71.0	70.9	59.2	56.0	—	56.6	62.3	62.6	53.1	48.4	—	49.0
September	69.2	69.2	59.4	56.7	—	57.2	60.4	60.8	53.5	49.0	—	49.6
October	68.6	68.7	59.9	57.1	—	57.7	59.9	60.4	53.7	49.5	—	50.0
November	64.0	64.1	53.7	49.6	—	50.3	55.7	56.2	48.5	42.3	—	43.1
December	58.6	58.8	49.1	44.7	—	45.4	50.7	51.1	43.0	37.6	—	38.3
1998 Average	70.5	70.6	61.4	57.8	—	58.4	62.2	62.6	55.4	50.8	W	51.4
Kansas												
January	76.0	75.7	63.5	57.0	48.9	57.6	64.2	63.9	56.8	50.5	48.0	51.1
February	75.5	75.3	63.5	58.5	W	59.4	63.9	63.7	57.3	52.0	48.7	52.6
March	74.0	73.7	62.9	57.2	W	58.2	63.5	63.2	57.2	50.8	47.8	51.4
April	75.3	75.0	64.7	59.2	W	60.3	63.9	63.7	57.7	52.8	49.1	53.0
May	76.7	76.4	66.1	61.9	W	62.0	65.3	65.2	59.1	55.4	51.1	55.3
June	75.7	75.3	64.8	59.9	W	60.4	64.6	64.1	57.4	53.4	W	53.3
July	76.1	75.8	63.8	59.0	W	59.4	65.3	64.8	56.4	52.4	47.4	52.4
August	73.3	73.0	60.7	53.8	W	53.9	62.4	62.1	52.6	47.0	42.7	47.1
September	71.4	71.2	58.9	53.9	W	53.8	60.6	60.2	52.7	47.4	W	47.7
October	70.9	70.6	61.9	54.2	W	55.8	60.0	59.5	53.9	47.7	W	48.2
November	66.5	66.2	54.2	46.5	W	47.3	56.0	55.6	47.5	40.3	36.7	40.7
December	58.9	58.8	47.4	42.0	W	42.8	49.3	49.0	43.8	35.4	33.2	36.5
1998 Average	72.2	71.9	61.0	55.0	47.9	55.5	61.5	61.2	54.3	48.8	44.4	49.0

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
Kentucky												
January	64.5	63.9	58.0	50.3	—	52.1	73.1	72.2	64.4	54.6	—	57.9
February	61.6	61.2	56.3	50.1	—	51.5	70.9	70.3	62.5	54.4	—	57.2
March	61.4	61.1	54.6	47.5	—	49.1	70.0	69.5	59.9	51.5	—	54.4
April	64.4	64.1	57.2	51.7	W	52.9	73.6	72.9	62.3	56.3	—	58.3
May	67.8	67.4	58.8	54.7	W	55.5	77.6	77.0	64.4	59.8	—	61.3
June	66.7	66.1	56.1	50.9	—	52.2	76.1	75.3	62.0	55.8	—	57.9
July	63.2	62.6	52.9	49.3	—	50.2	73.0	72.2	58.4	54.1	—	55.6
August	59.0	58.4	49.9	43.8	W	45.2	68.1	67.5	55.4	48.5	—	50.9
September	57.6	57.1	50.8	45.4	W	46.6	66.8	66.1	56.2	49.7	—	51.8
October	59.3	58.8	51.9	47.8	W	48.5	69.2	68.7	56.9	52.0	—	53.4
November	56.4	55.5	44.8	41.0	—	41.9	66.6	65.8	50.5	45.2	—	46.8
December	50.8	50.1	40.5	35.1	—	36.4	60.5	59.8	46.6	38.9	—	41.3
1998 Average	61.1	60.6	52.6	47.3	W	48.5	70.4	69.8	58.4	51.7	—	53.9
Michigan												
January	60.7	60.7	51.9	49.2	—	50.1	67.5	67.5	56.1	51.6	—	54.8
February	61.4	61.3	53.5	50.6	—	51.6	69.4	69.4	58.4	53.3	—	56.9
March	61.6	61.5	53.0	48.0	—	49.8	70.2	70.1	58.3	50.5	—	55.9
April	62.9	62.8	55.2	52.4	NA	53.4	72.4	72.3	60.4	55.4	—	58.9
May	67.3	67.1	58.7	56.2	W	57.0	77.5	77.5	65.6	59.7	—	63.9
June	65.3	65.2	57.3	53.9	NA	55.2	74.9	74.8	64.7	57.6	—	62.5
July	64.5	64.4	56.4	52.1	NA	53.7	74.7	74.6	67.6	55.7	—	63.9
August	59.6	59.5	51.5	45.8	—	48.2	71.2	71.1	62.0	49.4	—	58.1
September	58.7	58.6	50.6	47.3	—	48.7	68.8	68.8	58.3	50.5	—	55.9
October	58.9	58.8	50.7	46.8	—	48.5	68.3	68.4	57.3	50.2	—	55.2
November	55.0	54.8	45.9	41.2	—	43.0	65.3	65.0	52.8	44.2	—	50.3
December	48.5	48.4	39.5	34.7	—	36.6	59.1	59.2	48.5	38.0	—	45.4
1998 Average	60.4	60.3	52.1	48.5	W	49.9	69.9	69.8	59.4	51.5	—	57.0
Minnesota												
January	—	—	—	50.9	W	50.4	—	—	—	58.0	—	58.0
February	—	—	—	52.7	W	52.0	—	—	—	58.5	—	58.5
March	—	—	—	51.2	W	50.3	—	—	—	56.9	—	56.9
April	—	—	—	53.4	49.8	52.5	—	—	—	58.8	—	58.8
May	—	—	—	56.3	W	55.7	—	—	—	W	—	W
June	—	—	—	54.1	W	53.7	—	—	—	58.0	—	58.0
July	—	—	—	53.0	W	52.4	—	—	—	58.1	—	58.1
August	—	—	—	47.5	W	46.9	—	—	—	52.3	—	52.3
September	—	—	—	47.7	W	47.4	—	—	—	53.4	—	53.4
October	—	—	—	48.0	W	47.5	—	—	—	55.7	—	55.7
November	—	—	—	41.3	37.8	40.7	—	—	—	49.2	—	49.2
December	—	—	—	35.6	W	35.1	—	—	—	42.6	—	42.6
1998 Average	—	—	—	49.3	45.6	48.6	—	—	—	56.4	—	56.4
Missouri												
January	59.7	60.0	55.8	49.9	W	52.0	67.5	67.7	60.6	54.4	—	58.0
February	59.9	60.3	57.9	50.8	W	52.9	68.1	68.2	60.9	55.2	—	58.5
March	58.1	58.6	55.3	48.8	—	51.1	66.2	66.4	59.6	52.9	—	56.7
April	61.3	61.7	58.6	51.6	—	53.9	69.3	69.4	NA	56.2	—	59.5
May	63.8	64.1	62.5	54.7	W	57.5	72.2	72.2	65.3	60.3	—	63.3
June	62.8	63.1	60.9	52.5	W	54.9	71.4	71.3	64.6	58.0	—	61.9
July	63.4	63.9	59.6	51.5	—	54.2	72.0	72.4	64.2	57.3	—	61.4
August	57.7	58.3	54.1	45.7	—	48.3	66.0	66.6	58.6	51.0	—	55.4
September	56.7	57.3	54.5	46.2	—	48.8	65.3	65.9	NA	51.3	—	55.2
October	56.8	57.4	54.5	46.5	—	48.9	65.0	65.5	57.2	51.1	—	54.5
November	52.4	52.7	48.3	39.7	—	42.4	60.5	60.4	52.9	45.0	—	49.5
December	44.7	44.8	42.5	34.5	W	36.5	53.1	52.8	45.8	39.0	—	42.7
1998 Average	58.0	58.4	55.9	47.7	42.1	50.3	66.3	66.4	59.2	52.3	—	56.3

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
Kentucky												
January	80.9	79.6	69.8	59.7	—	61.9	68.2	67.5	60.9	52.4	—	54.4
February	79.0	77.7	68.1	59.6	—	61.6	65.7	65.2	59.1	52.2	—	53.9
March	78.9	77.8	65.7	56.8	—	58.8	65.4	64.9	57.2	49.6	—	51.4
April	82.7	81.3	68.6	61.3	—	62.9	68.4	67.9	59.9	53.8	W	55.1
May	86.1	84.8	70.3	64.9	—	66.3	72.0	71.4	61.4	56.9	W	57.8
June	84.6	83.1	67.4	61.1	—	62.8	70.8	70.1	58.8	53.1	—	54.6
July	81.8	80.1	65.1	59.4	—	60.9	67.6	66.8	55.8	51.5	—	52.7
August	77.6	76.3	61.5	54.0	—	55.9	63.3	62.7	52.7	46.1	W	47.7
September	76.5	75.1	61.9	55.3	—	56.9	62.1	61.4	53.5	47.6	W	49.0
October	78.1	76.8	62.7	57.8	—	59.0	63.8	63.2	54.4	50.0	W	50.8
November	75.6	74.2	56.0	50.9	—	52.4	61.2	60.3	47.8	43.2	—	44.4
December	69.5	68.2	51.1	45.1	—	46.6	55.6	54.8	43.3	37.5	—	38.9
1998 Average	79.1	77.8	63.6	57.0	—	58.6	65.4	64.7	55.3	49.5	W	50.9
Michigan												
January	73.5	73.2	63.5	57.9	—	60.1	63.0	62.9	54.1	50.5	—	51.9
February	76.1	75.6	65.8	59.3	—	61.7	63.7	63.6	55.7	51.9	—	53.4
March	76.3	75.6	65.3	56.8	—	59.9	63.9	63.7	55.3	49.4	—	51.6
April	77.7	77.1	67.6	61.2	W	63.7	65.3	65.1	57.5	53.5	W	55.0
May	82.8	82.0	71.5	65.3	W	67.7	69.9	69.7	61.2	57.5	51.2	58.9
June	80.7	80.1	70.0	64.5	—	66.8	67.7	67.6	59.9	55.5	NA	57.3
July	80.0	79.3	69.2	62.5	—	65.3	67.2	67.0	59.7	53.7	NA	56.2
August	75.6	74.9	64.1	56.5	—	59.8	62.4	62.3	54.6	47.5	—	50.7
September	74.7	74.0	63.1	57.3	—	59.9	61.4	61.2	53.3	48.9	—	50.8
October	74.7	73.9	63.2	57.3	—	60.0	61.5	61.3	53.2	48.4	—	50.5
November	70.3	69.3	58.5	51.2	—	54.3	57.6	57.3	48.5	42.7	—	45.1
December	63.3	62.6	52.1	44.7	—	47.8	51.3	51.1	42.5	36.3	—	38.9
1998 Average	75.3	74.6	64.5	57.9	W	60.6	62.9	62.7	54.7	49.9	48.8	51.9
Minnesota												
January	86.2	86.1	W	59.3	W	59.1	86.2	86.1	W	52.4	W	51.8
February	82.1	82.1	66.1	61.4	W	61.2	82.1	82.1	66.1	54.1	W	53.4
March	NA	NA	67.6	60.7	W	60.0	NA	NA	67.6	52.5	W	51.6
April	80.8	80.8	68.8	62.7	W	62.3	80.8	80.8	68.8	54.8	50.5	54.0
May	83.5	83.5	72.4	64.2	W	64.2	83.5	83.5	72.4	57.7	W	57.2
June	81.6	81.9	69.8	62.6	W	62.5	81.6	81.9	69.8	55.6	W	55.2
July	NA	NA	67.7	61.3	53.5	60.7	NA	NA	67.7	54.5	W	53.9
August	77.7	78.6	61.5	56.6	W	56.4	77.7	78.6	61.5	49.3	W	48.7
September	75.9	76.5	62.7	56.9	W	56.5	75.9	76.5	62.7	49.3	W	49.0
October	75.5	75.6	61.9	57.6	W	57.1	75.5	75.6	61.9	49.3	W	48.7
November	72.2	72.2	W	50.2	W	49.4	72.2	72.2	W	42.5	38.5	41.9
December	66.9	66.9	W	44.9	W	44.7	66.9	66.9	W	37.1	W	36.4
1998 Average	79.0	79.3	64.9	58.5	W	58.1	79.0	79.3	64.9	50.9	W	50.2
Missouri												
January	76.4	76.4	69.3	57.8	—	62.9	62.1	62.3	58.0	51.0	W	53.6
February	76.9	76.8	69.3	58.8	—	63.7	62.3	62.5	60.3	51.8	W	54.6
March	74.9	74.8	67.0	56.8	—	61.1	60.5	60.9	57.3	49.9	—	52.7
April	78.1	78.0	68.8	59.8	W	63.4	63.7	64.0	60.5	52.7	W	55.4
May	80.3	80.2	74.2	63.2	—	67.9	66.2	66.4	64.3	55.9	W	59.1
June	79.6	79.5	72.6	60.9	—	65.5	65.3	65.4	63.1	53.6	W	56.6
July	79.8	79.8	71.7	60.0	—	64.8	65.9	66.2	61.8	52.7	—	55.9
August	74.0	74.0	65.2	54.6	—	58.4	60.2	60.7	56.1	47.0	—	49.9
September	73.4	73.4	66.1	54.8	—	59.2	59.3	59.7	56.7	47.4	—	50.5
October	73.6	73.6	67.1	54.9	—	59.5	59.5	59.9	56.8	47.7	—	50.6
November	68.9	68.8	59.8	48.0	—	52.2	55.0	55.1	50.3	41.0	—	44.1
December	62.3	62.2	52.0	42.8	—	45.5	47.4	47.4	44.4	35.8	W	38.1
1998 Average	74.4	74.4	67.5	55.7	W	60.3	60.5	60.8	58.0	48.8	42.2	51.9

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	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												
January	64.2	64.5	55.5	51.6	—	52.1	69.9	69.5	61.2	58.9	—	59.5
February	62.9	63.4	56.0	52.6	—	53.1	68.3	68.0	62.2	59.0	—	60.0
March	64.4	64.8	55.6	51.2	—	51.9	69.2	68.7	61.3	NA	—	58.3
April	64.3	64.9	56.6	53.4	—	53.9	70.0	69.5	61.9	59.3	—	59.9
May	65.7	66.2	58.7	55.5	—	56.0	71.7	71.3	63.8	61.3	—	61.7
June	64.6	65.1	56.6	53.3	—	53.8	70.0	69.4	62.2	59.0	—	59.6
July	64.5	64.9	55.9	52.4	—	53.0	70.1	69.4	61.9	59.0	—	59.6
August	62.5	62.6	51.1	46.8	—	47.5	68.8	68.1	57.9	53.9	—	54.8
September	61.4	61.7	51.0	47.2	—	47.8	68.1	67.6	56.4	54.1	—	54.6
October	60.6	61.2	50.7	47.7	—	48.2	65.8	65.2	59.7	52.8	—	54.5
November	56.4	56.9	46.8	40.8	—	41.7	61.5	60.6	58.0	47.4	—	50.3
December	51.1	51.6	43.9	35.5	—	36.7	57.1	55.7	55.8	NA	—	NA
1998 Average	61.9	62.4	53.2	49.0	—	49.6	67.4	66.7	60.3	55.8	—	56.8
North Dakota												
January	75.3	75.0	57.2	51.3	—	52.4	82.4	82.4	61.4	59.7	—	60.2
February	70.8	70.8	56.0	51.8	—	52.6	79.1	77.9	61.3	60.2	—	60.6
March	71.4	71.2	55.1	51.1	—	51.8	77.9	77.9	63.0	59.3	—	60.4
April	75.3	74.4	58.7	54.0	—	54.8	80.4	76.7	NA	61.3	—	62.2
May	73.8	73.7	61.4	56.4	—	57.3	80.3	80.2	NA	63.7	—	64.7
June	73.8	73.5	59.6	54.4	—	55.3	80.9	79.9	NA	61.6	—	62.9
July	73.8	73.4	59.1	53.8	—	54.6	80.9	79.8	NA	60.6	—	61.7
August	72.6	71.9	55.3	49.2	—	50.2	79.1	78.4	NA	56.1	—	57.2
September	70.3	70.0	54.2	48.5	—	49.5	77.0	77.2	NA	56.1	—	56.8
October	69.9	69.9	54.6	49.3	—	50.2	76.5	76.1	NA	56.5	—	57.4
November	66.2	65.7	48.8	42.8	—	43.9	74.6	74.4	NA	50.1	—	51.4
December	59.5	59.2	42.8	37.1	—	38.1	66.6	66.4	NA	44.7	—	45.8
1998 Average	71.1	70.8	55.3	50.1	—	51.0	77.9	77.2	NA	57.3	—	58.3
Ohio												
January	65.2	64.9	57.4	49.2	47.2	52.1	72.3	72.1	64.1	52.5	—	58.7
February	65.1	64.8	57.5	50.6	46.3	52.9	73.1	72.8	64.3	53.8	—	59.4
March	63.9	63.6	55.9	47.8	46.5	50.8	72.5	72.1	62.8	50.7	—	57.1
April	66.1	65.7	58.8	52.0	W	54.3	74.2	73.8	65.7	55.2	—	61.0
May	70.5	69.9	63.0	55.6	W	58.3	79.5	79.0	69.6	58.8	—	64.6
June	68.9	68.5	61.1	52.8	W	56.0	78.1	77.6	68.6	55.9	—	62.6
July	66.3	66.0	58.7	51.3	W	54.2	75.5	75.1	65.4	54.5	—	60.2
August	61.9	61.6	54.0	45.2	42.6	48.3	71.2	70.7	61.0	48.6	—	55.2
September	60.6	60.3	54.1	46.4	43.0	49.2	70.1	69.6	60.6	49.4	—	55.3
October	62.5	62.0	55.0	47.1	44.3	49.9	71.6	71.1	61.8	50.4	—	56.3
November	57.2	56.9	50.5	41.9	W	45.1	66.4	66.0	58.0	45.0	—	52.0
December	51.2	50.9	44.0	35.6	W	38.9	60.6	60.3	51.4	38.8	—	45.3
1998 Average	63.4	63.0	55.8	47.9	45.2	50.8	72.1	71.7	62.8	51.1	—	57.3
Oklahoma												
January	60.2	60.2	52.9	49.2	47.9	49.1	65.9	66.2	57.9	50.8	—	55.8
February	57.9	58.0	52.7	50.3	48.9	50.1	63.7	63.7	60.0	52.1	—	57.2
March	59.3	59.2	53.0	49.5	47.8	49.1	65.4	65.5	58.9	50.7	—	56.4
April	59.9	59.9	53.6	50.8	49.4	50.5	65.9	66.0	59.2	53.4	—	57.1
May	62.5	62.4	56.1	53.2	49.5	52.2	68.5	68.5	61.9	55.1	—	59.1
June	62.0	61.9	54.4	51.4	48.5	50.5	67.7	67.6	59.5	53.1	—	57.4
July	61.8	61.6	52.5	50.4	47.4	49.3	67.9	67.8	57.8	52.4	—	56.0
August	58.9	58.7	48.2	45.7	43.7	45.1	64.7	64.6	54.5	47.4	—	52.0
September	57.1	57.0	48.8	45.9	43.2	44.7	63.0	62.9	55.2	47.7	—	52.6
October	58.2	58.1	48.8	46.4	43.0	45.3	64.5	64.4	55.2	48.8	—	53.5
November	52.3	52.2	42.1	38.9	36.9	38.4	58.5	58.4	48.7	40.2	—	46.0
December	44.9	44.9	36.8	33.8	34.7	34.7	50.7	50.8	42.6	35.6	—	40.2
1998 Average	57.8	57.8	50.1	47.0	44.9	46.4	63.8	63.8	55.9	49.1	—	53.6

See footnotes at end of table.

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

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Nebraska												
January	76.6	76.1	65.1	59.7	—	60.8	65.8	65.8	57.4	52.9	—	53.7
February	75.9	75.5	66.6	60.4	—	61.6	64.4	64.6	58.0	53.6	—	54.4
March	76.9	76.5	66.5	59.1	—	60.7	65.9	66.0	57.6	52.4	—	53.3
April	77.0	76.7	67.6	61.3	—	62.5	65.9	66.1	58.4	54.6	—	55.2
May	78.3	78.2	69.7	63.7	—	64.8	67.5	67.6	60.5	56.9	—	57.5
June	77.8	77.7	67.7	61.2	—	62.4	66.3	66.5	58.4	54.7	—	55.3
July	78.1	77.7	67.2	60.8	—	62.0	66.3	66.3	57.8	53.8	—	54.5
August	76.1	75.8	61.9	55.4	—	56.7	64.4	64.2	53.1	48.2	—	49.1
September	74.6	74.4	61.7	56.4	—	57.4	63.3	63.3	52.8	48.6	—	49.3
October	73.1	72.7	61.3	55.8	—	56.9	62.3	62.4	53.1	48.8	—	49.5
November	68.2	68.1	NA	48.9	—	50.6	58.0	58.1	49.6	41.9	—	43.2
December	63.1	62.9	53.7	43.5	—	45.5	53.0	53.0	46.8	36.8	—	38.4
1998 Average	74.5	74.2	63.9	57.2	—	58.5	63.6	63.7	55.3	50.3	—	51.1
North Dakota												
January	83.7	82.8	66.0	60.0	—	62.0	76.8	76.5	58.6	52.3	—	53.5
February	78.4	77.6	65.2	60.4	—	61.7	72.2	72.0	57.2	52.6	—	53.5
March	77.8	77.1	66.4	60.0	—	61.9	72.5	72.4	56.8	51.9	—	52.9
April	81.8	80.9	69.1	63.0	—	64.7	76.1	75.3	60.1	54.7	—	55.7
May	77.6	77.3	71.8	65.7	—	67.6	74.7	74.6	62.8	57.2	—	58.3
June	79.5	79.2	69.9	63.6	—	65.2	74.7	74.4	61.0	55.2	—	56.3
July	79.8	79.5	69.1	63.0	—	64.5	74.7	74.3	60.4	54.6	—	55.6
August	78.1	77.7	65.1	58.7	—	60.4	73.5	72.8	56.5	50.0	—	51.2
September	76.1	75.5	63.9	57.6	—	59.3	71.2	71.0	55.4	49.4	—	50.5
October	75.9	75.1	64.3	58.1	—	59.8	70.7	70.7	55.8	50.1	—	51.1
November	72.7	72.0	58.1	51.2	—	53.0	67.4	67.0	50.1	43.7	—	44.9
December	66.1	65.1	52.8	45.8	—	47.6	60.6	60.4	44.2	38.0	—	39.2
1998 Average	77.3	76.7	65.2	58.8	—	60.6	72.1	71.9	56.7	50.9	—	52.0
Ohio												
January	80.5	80.0	70.7	58.7	—	64.1	68.3	67.9	60.5	50.8	47.2	54.5
February	80.5	79.9	71.1	60.0	—	65.0	68.3	67.9	60.5	52.1	46.3	55.2
March	79.9	79.2	69.1	57.1	W	62.5	67.2	66.9	59.0	49.3	46.7	53.1
April	82.5	81.8	72.6	61.9	W	65.6	69.3	68.9	61.9	53.5	48.3	56.6
May	87.0	86.2	76.6	65.9	W	70.7	73.8	73.2	66.0	57.3	W	60.7
June	85.6	84.9	74.7	62.8	—	68.4	72.3	71.8	64.3	54.4	W	58.4
July	83.4	82.7	72.1	61.3	—	66.4	69.8	69.4	61.8	53.0	W	56.6
August	79.1	78.3	67.1	55.4	—	60.8	65.4	65.0	57.1	47.0	42.6	50.8
September	78.1	77.3	67.3	56.5	—	61.5	64.3	63.9	57.1	48.1	43.0	51.5
October	79.5	78.7	68.2	57.1	—	62.2	66.1	65.6	58.0	48.8	44.3	52.3
November	74.5	73.7	63.8	51.8	—	57.4	60.9	60.5	53.7	43.5	W	47.6
December	68.6	67.9	57.6	45.2	—	50.9	55.1	54.7	47.3	37.3	W	41.4
1998 Average	79.8	79.1	69.1	57.6	51.7	62.8	66.8	66.4	58.9	49.5	45.5	53.2
Oklahoma												
January	71.7	71.2	60.4	55.6	48.5	56.0	62.4	62.4	54.0	50.3	47.9	49.8
February	70.5	70.2	61.1	57.4	50.5	57.5	60.3	60.3	54.1	51.4	48.9	50.9
March	71.4	70.8	60.0	56.4	49.6	55.9	61.7	61.5	54.1	50.6	47.8	49.8
April	72.2	71.7	60.9	58.3	W	58.6	62.4	62.3	54.7	52.0	49.5	51.2
May	74.7	74.3	63.2	60.3	54.5	60.3	64.9	64.8	57.1	54.4	49.6	53.1
June	74.3	73.8	61.3	58.7	W	58.9	64.3	64.1	55.4	52.6	48.6	51.3
July	74.5	74.1	59.5	57.5	51.7	56.8	64.3	64.0	53.6	51.6	47.6	50.1
August	71.3	70.8	55.7	53.0	50.1	53.2	61.5	61.2	49.4	46.9	43.9	46.0
September	69.4	68.9	56.2	53.1	47.3	52.5	59.7	59.4	50.0	47.1	43.3	45.5
October	70.7	70.2	56.7	53.8	47.5	53.1	60.8	60.5	50.2	47.6	43.3	46.3
November	63.8	63.5	49.5	46.3	NA	45.1	54.8	54.6	43.4	40.2	36.9	39.2
December	56.9	56.5	44.2	40.8	35.1	40.2	47.5	47.4	37.9	35.0	34.8	35.3
1998 Average	69.8	69.4	57.6	53.9	46.4	53.5	60.3	60.1	51.3	48.2	44.9	47.2

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
South Dakota												
January	72.8	72.7	60.3	53.1	—	54.8	75.1	75.5	63.2	58.3	—	59.2
February	71.5	71.6	59.1	53.0	—	54.4	72.3	72.0	60.8	58.5	—	58.8
March	70.2	70.5	57.8	51.7	—	53.2	71.3	71.3	60.8	56.6	—	57.3
April	71.1	71.3	60.3	54.5	—	56.0	71.7	71.7	NA	NA	—	NA
May	72.7	72.9	62.2	56.7	—	58.0	73.8	74.0	65.3	NA	—	NA
June	72.3	72.5	60.4	54.8	—	56.2	73.2	73.1	63.4	NA	—	NA
July	71.6	71.6	60.3	54.3	—	55.9	74.0	74.2	62.4	NA	—	59.3
August	70.1	70.5	54.9	49.5	—	50.9	74.7	74.9	58.7	NA	—	NA
September	69.3	69.5	54.9	48.8	—	50.4	71.5	72.0	56.8	NA	—	54.4
October	69.2	69.5	54.4	49.0	—	50.3	70.3	71.1	54.7	NA	—	54.1
November	65.0	65.2	49.8	42.4	—	44.3	65.1	65.7	48.3	NA	—	NA
December	60.0	60.4	41.3	36.7	—	37.9	62.2	62.7	44.4	NA	—	43.1
1998 Average	69.7	69.9	56.3	50.4	—	51.9	71.3	71.6	58.0	NA	—	55.9
Tennessee												
January	62.9	62.6	59.6	50.5	—	51.8	73.3	73.2	68.6	55.3	—	58.4
February	61.1	60.8	58.6	49.2	W	50.6	71.0	70.8	66.4	53.9	—	56.8
March	59.2	58.9	56.5	47.0	—	48.4	68.8	68.6	64.6	51.5	—	54.4
April	60.1	59.8	58.0	50.2	—	51.4	69.6	69.5	65.9	54.8	—	57.4
May	60.9	60.7	59.2	52.2	—	53.3	70.5	70.4	67.8	57.0	—	59.4
June	59.9	59.7	58.5	49.7	—	51.0	69.6	69.5	66.8	53.9	—	57.0
July	58.8	58.6	55.7	47.6	—	48.9	68.7	68.5	64.5	52.2	—	55.0
August	55.1	54.9	51.9	42.7	—	44.1	65.1	65.0	60.7	47.5	—	50.3
September	53.7	53.4	51.7	44.1	—	45.2	63.4	63.3	60.5	48.7	—	51.3
October	56.4	56.2	52.3	46.7	—	47.5	65.5	65.4	61.0	51.4	—	53.4
November	51.8	51.6	47.2	39.1	—	40.3	61.8	61.7	57.1	43.8	—	46.6
December	46.9	46.6	42.7	34.0	—	35.2	56.9	56.8	53.6	38.6	—	42.5
1998 Average	57.2	56.9	54.3	46.1	W	47.3	66.9	66.8	63.0	50.6	—	53.4
Wisconsin												
January	65.3	65.1	NA	48.7	—	49.3	72.1	72.1	60.6	54.0	—	55.2
February	64.3	64.1	55.1	50.3	—	50.7	71.6	71.6	60.0	54.1	—	55.1
March	62.8	62.5	54.3	48.0	—	48.6	70.2	70.1	59.1	53.1	—	54.1
April	65.5	65.3	57.6	51.7	—	52.3	72.7	72.7	NA	56.7	—	58.0
May	69.4	69.2	59.6	55.1	W	55.5	76.5	76.4	NA	59.8	—	60.5
June	68.2	68.0	57.9	53.1	W	53.5	75.4	75.3	NA	58.0	—	58.8
July	66.4	66.2	58.8	51.4	W	52.2	73.4	73.4	NA	55.4	—	56.4
August	62.6	62.3	51.8	44.8	W	45.5	70.2	70.2	NA	50.2	—	51.3
September	61.0	61.0	52.8	46.0	W	46.7	68.7	68.8	NA	51.1	—	52.0
October	61.0	60.7	52.0	46.0	W	46.6	68.5	68.5	NA	51.2	—	52.0
November	56.6	56.4	47.9	39.7	—	40.6	63.9	64.0	NA	45.0	—	46.4
December	50.6	50.4	42.1	34.5	—	35.3	58.1	58.0	NA	40.0	—	41.2
1998 Average	62.9	62.7	53.8	47.4	W	48.0	70.1	70.1	NA	52.5	—	53.5
PAD District III												
January	66.6	66.1	59.2	50.9	49.5	51.2	76.4	75.7	65.8	54.7	—	57.9
February	63.9	63.5	56.8	49.3	47.0	49.2	73.6	73.0	62.6	53.1	—	55.8
March	61.2	60.9	54.7	47.0	44.7	47.0	70.9	70.2	60.6	50.8	—	53.7
April	61.1	61.0	55.5	49.3	46.4	48.4	70.5	70.0	61.1	53.2	—	55.6
May	61.9	61.8	56.6	51.3	47.6	50.1	71.1	70.6	62.0	55.2	—	57.3
June	61.4	61.2	55.1	48.7	45.3	47.9	71.4	70.8	60.5	52.6	W	55.0
July	59.9	59.7	53.3	47.4	44.1	46.7	70.4	69.9	58.7	50.7	—	53.3
August	57.5	57.1	50.1	42.2	39.4	42.1	68.4	67.7	56.1	45.9	—	49.1
September	56.3	56.1	50.4	43.0	39.0	42.5	66.8	66.2	55.9	46.9	—	49.6
October	57.6	57.3	51.5	45.8	41.6	45.1	67.8	67.2	57.2	50.2	—	52.3
November	54.7	54.2	47.4	38.8	36.4	39.2	65.6	64.9	53.1	43.0	—	46.0
December	50.2	50.0	42.4	33.4	31.5	34.0	61.0	60.3	48.6	37.8	—	40.8
1998 Average	59.3	59.0	52.7	45.5	43.6	45.6	69.4	68.8	58.5	49.5	W	52.3

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
South Dakota												
January	82.6	82.5	66.0	61.6	—	62.8	73.7	73.7	60.9	54.1	—	55.7
February	81.2	81.2	63.8	60.4	—	61.4	72.0	72.1	59.6	53.9	—	55.2
March	80.9	80.9	63.5	59.8	—	61.1	70.9	71.1	58.6	52.7	—	54.2
April	83.2	83.2	66.7	62.9	—	63.9	71.7	71.8	60.9	55.4	—	56.7
May	86.6	86.5	68.6	65.3	—	66.2	73.5	73.7	63.0	57.6	—	58.9
June	85.8	85.8	68.0	63.8	—	65.0	73.0	73.2	61.2	55.7	—	57.1
July	86.6	86.6	68.0	64.1	—	65.3	72.8	72.8	61.1	55.3	—	56.9
August	85.7	85.7	64.3	60.0	—	61.5	71.9	72.1	56.2	50.6	—	52.1
September	83.4	83.4	62.0	57.5	—	58.8	70.4	70.6	55.6	49.8	—	51.3
October	83.6	83.4	61.2	58.1	—	58.9	70.0	70.4	54.8	50.0	—	51.2
November	80.5	80.3	56.4	51.6	—	52.9	65.7	66.0	50.1	43.4	—	45.2
December	75.0	74.9	50.1	45.9	—	47.1	61.2	61.5	42.3	37.9	—	39.0
1998 Average	83.1	83.1	63.4	59.3	—	60.5	70.6	70.8	57.0	51.4	—	52.8
Tennessee												
January	81.5	81.1	74.9	60.1	—	62.3	68.2	67.9	64.3	53.1	—	54.9
February	79.5	79.0	72.5	58.8	—	60.8	66.3	66.0	62.8	51.8	W	53.5
March	77.5	77.1	70.3	56.4	—	58.4	64.3	64.0	60.6	49.5	—	51.3
April	78.8	78.4	71.8	60.3	—	62.0	65.2	64.9	62.1	52.9	—	54.3
May	80.0	79.5	73.4	62.8	—	64.3	66.1	65.8	63.4	55.1	—	56.4
June	79.0	78.5	72.5	59.6	—	61.5	65.1	64.8	62.6	52.2	—	53.9
July	77.9	77.4	69.6	57.9	—	59.5	64.1	63.7	59.7	50.3	—	51.8
August	74.0	73.5	65.5	53.1	—	54.9	60.4	60.1	56.0	45.5	—	47.1
September	72.8	72.3	64.9	54.2	—	55.7	59.1	58.8	55.9	46.9	—	48.3
October	75.7	75.1	66.8	56.7	—	58.2	61.7	61.4	56.8	49.5	—	50.6
November	70.7	70.2	60.1	48.9	—	50.6	57.3	57.1	51.6	41.9	—	43.4
December	65.4	65.0	55.0	43.6	—	45.2	52.5	52.2	47.6	36.8	—	38.5
1998 Average	75.8	75.3	67.8	55.8	—	57.6	62.4	62.1	58.5	48.7	W	50.3
Wisconsin												
January	76.8	76.4	66.1	57.5	—	58.3	67.1	66.9	NA	50.0	—	50.7
February	76.2	75.8	65.7	59.1	—	59.8	66.1	65.9	56.8	51.3	—	51.9
March	74.4	74.0	65.0	57.0	—	57.8	64.5	64.3	55.8	49.1	—	49.8
April	78.1	77.6	67.2	61.1	—	61.8	67.3	67.1	59.1	52.8	—	53.5
May	82.2	81.7	70.5	65.5	—	66.0	71.3	71.0	61.0	56.3	W	56.8
June	81.1	80.5	68.2	63.1	—	63.7	70.1	69.8	59.3	54.3	W	54.8
July	79.2	78.6	65.3	61.5	—	61.8	68.3	68.1	59.7	52.7	W	53.5
August	75.8	75.3	62.0	55.6	W	56.2	64.7	64.5	53.3	46.3	W	47.0
September	75.5	75.1	62.6	56.2	—	56.9	63.2	63.1	54.2	47.3	W	48.0
October	74.1	73.5	61.9	56.0	—	56.6	62.9	62.6	53.3	47.2	W	47.8
November	68.9	68.4	58.1	49.4	—	50.2	58.4	58.3	49.1	40.9	—	41.8
December	63.2	62.5	52.6	44.2	—	45.1	52.6	52.3	43.7	35.9	—	36.7
1998 Average	75.5	75.0	63.7	57.1	W	57.7	64.8	64.5	55.2	48.7	47.8	49.3
PAD District III												
January	84.1	82.9	70.6	60.1	52.3	60.6	70.5	69.8	62.1	52.7	49.6	52.8
February	81.6	80.8	68.4	58.5	49.4	59.8	67.9	67.4	59.6	51.1	47.1	50.9
March	78.9	78.2	66.5	56.3	46.4	56.9	65.3	64.8	57.6	48.9	44.8	48.7
April	78.2	77.6	67.0	58.8	49.5	58.1	65.1	64.7	58.3	51.3	46.6	50.0
May	79.1	78.5	68.1	60.9	52.9	60.3	65.9	65.6	59.4	53.3	48.0	51.9
June	78.4	77.8	66.8	58.5	50.3	58.8	65.4	65.1	57.9	50.7	45.6	49.7
July	77.2	76.8	65.1	56.9	49.7	57.5	64.1	63.7	56.3	49.3	44.4	48.6
August	74.0	73.1	62.6	52.1	46.2	53.0	61.8	61.2	53.2	44.2	39.9	44.2
September	73.0	72.2	61.9	52.8	44.3	52.9	60.5	60.1	53.2	45.1	39.4	44.6
October	75.1	74.6	63.6	55.8	45.4	55.8	61.8	61.3	54.5	48.0	41.9	47.1
November	72.3	71.6	59.6	48.3	40.3	48.7	59.1	58.5	50.4	40.9	36.9	41.2
December	67.5	66.9	54.3	43.0	32.9	42.7	54.7	54.3	45.5	35.5	31.7	35.9
1998 Average	76.3	75.6	64.4	54.9	46.1	55.1	63.4	62.9	55.6	47.5	43.7	47.3

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
Alabama												
January	70.0	69.6	58.5	50.4	—	52.8	78.9	78.0	65.8	55.1	—	59.2
February	67.2	66.8	57.9	49.0	—	51.7	75.1	74.3	62.6	53.7	—	57.1
March	64.2	63.8	54.7	46.7	—	49.1	72.5	71.7	60.4	51.2	—	54.9
April	62.5	62.2	55.4	49.5	—	51.4	70.9	70.3	60.6	54.1	—	56.6
May	63.0	62.7	56.2	51.6	—	53.1	71.6	71.0	61.3	56.2	—	58.3
June	63.7	63.3	54.8	48.7	W	50.6	72.2	71.7	60.1	53.6	—	56.4
July	61.6	61.3	53.5	47.0	—	49.1	70.6	70.0	58.8	51.6	—	54.9
August	60.2	59.8	51.1	42.5	—	45.2	69.3	68.3	57.0	47.0	—	51.6
September	58.5	58.1	51.5	43.5	—	46.0	67.1	66.4	56.9	48.2	—	52.1
October	59.3	59.0	52.2	46.6	—	48.3	68.1	67.3	57.8	51.2	—	53.8
November	57.2	56.8	48.0	39.2	W	41.9	66.0	65.2	53.4	43.8	—	47.7
December	53.9	53.3	43.7	33.8	W	37.0	62.4	61.6	48.5	38.5	—	42.5
1998 Average	61.8	61.4	53.0	45.7	39.9	47.9	70.3	69.5	58.5	50.4	—	53.7
Arkansas												
January	65.1	64.5	57.1	50.7	W	51.6	74.3	73.2	60.3	54.6	—	55.9
February	61.5	61.5	56.5	49.8	W	50.6	70.8	70.2	59.7	53.3	—	54.9
March	59.4	59.3	55.9	47.8	W	48.8	69.2	68.3	59.0	50.9	—	52.9
April	60.3	60.3	56.8	50.5	46.9	51.3	69.8	69.0	60.8	54.0	—	55.7
May	62.0	62.0	58.4	52.8	W	53.1	70.9	70.2	62.2	56.1	—	57.6
June	60.9	61.1	56.3	49.7	W	50.6	70.0	69.6	59.5	53.1	—	54.6
July	59.7	59.2	53.4	48.0	W	48.7	69.1	68.4	56.1	51.3	—	52.4
August	57.3	57.3	50.9	43.3	W	44.5	66.3	65.5	54.0	46.8	—	48.5
September	56.3	56.2	51.2	44.8	W	45.5	65.4	64.6	55.3	48.4	—	50.0
October	57.4	56.6	50.7	47.1	W	47.5	67.0	65.9	54.3	50.9	—	51.8
November	52.6	52.2	46.7	39.5	W	40.3	62.7	61.5	49.0	43.4	—	44.7
December	47.5	47.0	42.9	34.2	W	35.3	57.9	56.8	45.8	38.2	—	39.9
1998 Average	58.2	58.0	53.1	46.5	W	47.3	67.7	66.9	56.4	50.1	—	51.6
Louisiana												
January	68.2	67.3	65.1	49.5	48.4	51.0	78.7	77.8	71.2	53.9	—	60.1
February	64.7	63.8	60.2	47.9	45.9	49.1	75.6	74.7	66.2	52.2	—	56.8
March	62.0	61.2	58.5	45.8	44.6	47.2	73.0	71.4	64.5	50.1	—	55.1
April	61.2	60.6	58.1	48.0	46.3	49.0	72.2	71.4	63.9	52.3	—	56.1
May	61.4	60.8	57.9	50.1	47.8	50.9	72.3	71.7	64.4	54.1	—	57.7
June	61.3	60.5	57.0	47.6	45.2	48.6	71.6	70.8	63.5	51.8	—	56.2
July	60.4	59.7	55.9	45.5	43.5	46.5	71.7	70.9	61.9	49.5	—	54.3
August	58.2	57.3	52.9	40.7	38.8	42.0	69.6	68.7	59.6	44.8	—	50.4
September	57.3	56.5	53.4	42.1	38.8	42.9	68.3	67.5	59.4	46.1	—	50.3
October	57.2	56.7	54.3	45.3	40.3	46.1	68.9	68.2	60.2	49.7	—	53.5
November	55.5	54.6	52.9	38.2	36.3	40.0	66.7	65.8	58.9	42.7	—	47.7
December	51.0	50.1	45.0	33.1	29.8	33.9	61.9	61.0	52.7	37.7	—	42.0
1998 Average	59.9	59.1	55.9	44.4	42.5	45.6	70.8	69.9	62.5	48.9	—	53.6
Mississippi												
January	69.0	68.1	61.1	49.8	50.3	52.1	78.5	77.9	66.6	54.5	—	58.8
February	66.0	65.6	59.0	48.8	45.6	50.2	75.5	75.0	65.5	53.0	—	57.5
March	63.5	63.2	56.6	46.2	43.8	48.2	72.9	72.5	63.4	50.5	—	55.0
April	64.0	63.9	57.4	48.9	46.2	50.0	72.6	72.2	63.9	53.2	—	57.1
May	64.8	64.7	58.9	50.8	47.6	51.9	73.6	73.3	65.5	55.2	—	58.8
June	64.3	64.1	57.3	47.7	46.5	49.3	73.3	73.0	64.4	52.3	—	56.5
July	63.3	63.0	55.8	46.0	43.9	47.6	72.5	72.1	62.7	50.6	—	54.7
August	60.4	60.1	53.6	41.2	38.6	43.0	70.4	70.0	59.9	45.7	—	50.5
September	59.4	59.2	55.6	42.8	38.1	43.9	69.2	68.9	60.7	47.1	—	51.6
October	60.7	60.5	54.4	45.7	41.9	47.3	70.4	70.1	60.9	50.3	—	54.0
November	58.3	58.1	49.6	38.3	34.8	40.8	68.2	67.9	58.5	42.6	—	48.3
December	54.5	54.1	45.8	33.2	31.6	36.0	61.9	61.5	56.0	37.7	—	43.8
1998 Average	62.3	62.1	55.4	44.9	43.6	46.9	71.4	71.1	62.4	49.5	—	54.0

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
Alabama												
January	86.9	85.9	71.0	60.5	—	63.7	74.4	73.8	62.1	53.0	—	55.8
February	83.3	82.3	69.9	59.1	—	62.3	71.3	70.8	61.0	51.6	—	54.6
March	80.7	79.7	67.4	56.7	—	60.0	68.5	68.0	58.3	49.3	—	52.2
April	79.4	78.6	67.3	59.8	—	62.2	67.0	66.6	58.6	52.2	—	54.3
May	80.1	79.5	68.2	62.2	—	64.1	67.5	67.2	59.5	54.4	—	56.1
June	80.9	80.0	67.2	59.5	—	61.8	68.3	67.8	58.2	51.6	W	53.7
July	78.8	77.9	66.1	58.2	—	60.7	66.3	65.8	56.9	50.0	—	52.3
August	76.1	75.3	64.7	53.7	—	57.2	64.9	64.4	54.9	45.5	—	48.6
September	74.1	73.3	64.1	54.1	—	57.1	63.2	62.7	54.9	46.4	—	49.2
October	76.8	76.1	65.7	57.0	—	59.7	64.1	63.6	55.9	49.4	—	51.4
November	74.6	73.7	60.7	49.3	—	52.7	62.0	61.5	51.4	41.9	W	45.0
December	70.9	70.2	55.8	43.9	—	47.6	58.7	58.1	46.9	36.7	W	40.0
1998 Average	78.3	77.5	65.5	56.0	—	58.9	66.3	65.8	56.4	48.4	39.9	51.0
Arkansas												
January	81.7	80.1	68.0	59.7	W	60.6	68.3	67.4	59.3	52.5	W	53.5
February	79.0	77.7	66.6	58.8	W	59.5	64.8	64.4	58.7	51.5	W	52.5
March	77.1	75.9	66.0	56.9	W	57.1	62.9	62.4	58.1	49.5	W	50.5
April	78.1	76.5	67.7	60.0	W	60.0	63.7	63.2	59.2	52.4	47.5	53.2
May	79.4	77.8	68.8	62.2	W	61.6	65.4	64.9	60.7	54.6	W	55.1
June	77.8	76.6	66.8	59.3	W	60.4	64.2	64.0	58.6	51.6	W	52.6
July	76.7	75.0	63.7	57.6	W	57.7	63.0	62.2	55.5	50.0	W	50.7
August	74.8	73.0	62.0	53.3	W	54.2	60.7	60.2	53.3	45.4	W	46.7
September	73.6	72.0	62.1	54.4	W	54.4	59.7	59.2	53.6	46.8	W	47.7
October	75.4	73.2	61.2	56.8	W	56.1	61.0	59.8	53.0	49.1	W	49.5
November	70.5	68.9	56.7	49.0	—	50.5	56.4	55.5	48.8	41.5	W	42.4
December	65.2	63.7	52.9	43.5	NA	45.3	51.3	50.4	45.0	36.2	W	37.4
1998 Average	75.4	74.0	63.5	55.8	W	56.5	61.6	61.1	55.3	48.4	W	49.3
Louisiana												
January	86.5	84.5	76.9	58.9	53.4	59.3	73.3	72.2	68.7	51.9	49.4	53.5
February	83.5	81.3	73.3	57.3	49.5	59.4	69.9	68.9	64.1	50.3	46.3	51.7
March	81.0	78.8	71.2	55.2	45.3	55.2	67.4	66.3	62.4	48.2	44.8	49.6
April	80.2	78.3	70.7	57.5	49.8	58.8	66.6	65.8	61.8	50.4	46.8	51.5
May	80.4	78.7	71.3	59.5	53.2	60.8	66.9	66.1	62.0	52.5	48.7	53.7
June	79.9	77.9	71.2	57.3	52.1	58.7	66.6	65.7	61.1	50.1	46.8	51.5
July	79.7	77.8	68.9	55.3	W	56.5	66.0	65.1	60.2	48.0	44.9	49.4
August	77.8	75.5	66.9	50.6	W	52.8	64.0	62.8	57.3	43.2	40.7	45.1
September	77.0	75.1	66.0	51.9	44.7	51.3	63.0	62.0	57.1	44.6	40.7	45.6
October	76.9	75.3	66.8	55.2	42.2	55.8	63.0	62.2	58.1	47.8	40.7	48.9
November	74.7	72.5	65.2	48.0	40.0	47.6	61.2	60.1	56.7	40.8	37.6	42.6
December	69.9	67.9	58.5	42.6	32.5	40.3	56.7	55.7	49.3	35.7	30.8	36.3
1998 Average	78.7	76.8	68.7	54.0	44.8	53.9	65.3	64.4	59.9	46.9	43.1	48.2
Mississippi												
January	87.4	84.9	72.9	59.8	W	61.1	73.5	72.5	63.8	52.2	50.8	54.4
February	85.0	84.1	70.2	58.3	W	60.8	70.7	70.3	61.7	51.0	45.6	52.5
March	82.2	81.4	68.0	55.6	W	58.2	68.2	67.9	59.4	48.5	44.1	50.5
April	81.8	81.1	69.0	58.7	W	59.7	68.4	68.2	60.2	51.3	46.5	52.3
May	82.8	82.2	70.5	60.8	W	61.8	69.3	69.2	61.7	53.2	48.0	54.3
June	82.6	82.0	68.5	58.1	W	59.0	68.9	68.6	60.1	50.2	46.7	51.6
July	81.8	81.1	68.1	56.5	47.8	58.0	68.0	67.7	58.9	48.5	44.3	50.1
August	74.1	73.5	65.2	51.7	W	54.0	64.8	64.4	56.5	43.7	39.3	45.6
September	75.2	74.5	64.7	53.0	W	54.6	64.1	63.8	57.9	45.3	38.4	46.3
October	79.5	78.8	66.7	55.9	W	57.9	65.5	65.2	57.3	48.2	42.1	49.9
November	77.3	76.3	62.7	48.0	W	51.1	63.2	63.0	53.1	40.7	35.6	43.5
December	72.2	71.0	58.1	42.9	31.8	44.1	58.9	58.5	49.3	35.7	31.7	38.5
1998 Average	79.8	78.9	67.0	54.8	46.1	56.5	66.9	66.6	58.3	47.3	43.9	49.2

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
New Mexico												
January	78.9	78.4	63.2	58.1	—	58.9	87.1	86.1	68.6	62.5	—	63.4
February	74.9	74.0	58.1	53.6	—	54.4	83.3	82.3	63.5	58.0	—	58.8
March	68.6	68.2	55.9	52.2	—	52.8	77.6	77.0	62.3	56.7	—	57.4
April	69.5	68.9	57.5	53.6	—	54.2	77.5	76.6	63.2	57.9	—	58.5
May	68.7	68.1	59.7	55.8	—	56.4	76.8	76.4	64.2	60.0	—	60.6
June	68.4	67.9	58.7	54.7	—	55.4	77.3	76.7	64.5	58.7	—	59.4
July	67.1	66.9	58.4	53.6	—	54.3	76.2	75.9	63.6	58.1	—	59.0
August	66.2	65.7	54.3	49.0	—	49.9	75.5	75.1	60.3	54.1	—	55.1
September	64.1	63.7	52.0	46.6	—	47.5	74.0	73.6	57.4	51.1	—	52.0
October	63.4	63.0	52.7	49.0	—	49.7	72.4	72.1	60.1	53.8	—	54.8
November	61.8	61.4	52.6	45.7	—	46.9	70.8	70.2	55.1	50.6	—	51.4
December	59.8	59.1	46.3	39.4	—	40.5	68.4	67.7	49.6	44.3	—	45.3
1998 Average	67.2	66.8	55.8	51.1	—	51.9	75.9	75.4	61.1	56.1	—	56.8
Texas												
January	63.8	63.7	57.1	50.9	49.6	50.5	73.0	72.7	61.5	54.2	—	55.6
February	61.7	61.6	53.7	49.3	47.2	48.3	71.0	70.6	57.9	52.7	—	53.7
March	59.0	59.1	51.8	46.9	44.8	46.0	68.0	67.8	55.8	50.3	—	51.5
April	59.1	59.2	53.3	48.7	46.4	47.3	67.9	67.6	57.4	52.3	—	53.4
May	59.9	60.1	54.4	50.7	47.6	48.8	68.2	67.9	58.8	54.3	—	55.4
June	59.2	59.3	52.9	48.2	45.3	46.6	69.0	68.6	56.5	51.7	W	52.7
July	57.7	57.7	50.8	47.4	44.1	45.7	68.2	67.9	54.6	50.0	—	51.1
August	54.9	54.8	46.1	41.6	39.5	40.7	65.8	65.3	50.2	45.0	—	46.2
September	53.7	53.8	46.0	42.2	39.1	40.9	63.9	63.5	49.4	45.8	—	46.6
October	55.8	55.7	48.7	45.1	41.7	43.5	65.6	65.1	52.7	49.3	—	50.0
November	52.6	52.4	43.7	38.1	36.5	37.8	63.8	63.2	47.3	42.1	—	43.3
December	47.6	47.9	38.4	32.6	31.7	32.6	59.2	58.6	42.5	36.8	—	38.0
1998 Average	57.0	57.0	49.8	44.9	43.7	44.5	66.9	66.6	53.6	48.6	W	49.7
PAD District IV												
January	79.4	77.8	62.1	56.0	W	57.6	87.7	86.1	68.6	60.6	—	63.8
February	71.0	70.2	58.1	53.1	W	54.3	79.4	78.2	62.3	57.6	—	59.7
March	65.6	65.4	54.6	50.6	W	51.6	74.2	73.5	59.5	54.7	—	56.9
April	68.2	67.8	58.1	55.1	W	55.9	77.2	76.5	62.5	59.9	—	61.1
May	71.8	71.3	62.5	59.3	W	60.2	80.8	80.2	67.0	64.9	—	65.9
June	73.5	72.7	61.9	58.6	W	59.5	82.4	81.8	67.4	63.6	—	65.4
July	71.3	70.9	61.4	58.1	—	59.0	80.6	80.1	66.0	62.7	—	64.3
August	70.1	69.7	60.1	56.5	—	57.5	78.9	78.5	64.5	60.6	—	62.4
September	69.2	68.7	59.3	55.3	—	56.5	78.0	77.5	64.0	60.2	—	62.0
October	68.6	68.1	60.1	56.0	W	57.0	78.4	77.9	64.6	61.9	—	63.1
November	66.5	66.2	56.3	51.5	W	52.5	76.9	76.4	62.1	57.8	—	59.7
December	57.8	57.4	47.2	40.7	31.1	42.1	67.2	66.8	53.3	45.9	—	49.1
1998 Average	69.2	68.7	58.8	54.5	40.1	55.6	78.1	77.5	63.7	59.5	—	61.4
Colorado												
January	82.4	80.8	60.4	54.3	W	55.1	94.2	92.1	65.1	58.7	—	59.7
February	72.6	71.4	55.7	50.2	W	51.3	83.8	82.5	59.3	54.1	—	56.1
March	64.9	64.7	54.7	49.8	W	51.1	75.3	74.8	57.8	53.6	—	55.5
April	68.4	67.8	57.4	53.1	W	54.3	79.6	78.7	61.0	56.9	—	58.7
May	71.4	70.5	60.0	56.3	W	57.2	81.7	80.7	64.9	60.5	—	62.5
June	75.3	74.0	60.6	55.5	W	57.0	85.9	85.0	66.2	59.7	—	62.5
July	70.9	70.2	58.6	54.1	—	55.3	81.8	81.1	63.4	58.2	—	60.3
August	69.0	68.2	54.9	49.9	—	51.2	79.6	79.0	59.8	54.1	—	56.5
September	67.9	67.0	53.0	47.8	—	49.2	78.8	78.1	57.9	52.0	—	54.5
October	67.8	66.8	53.5	49.1	W	50.1	80.2	79.4	59.3	53.7	—	56.2
November	66.0	65.2	50.8	44.4	W	44.9	79.2	78.6	NA	49.7	—	52.9
December	57.6	57.0	43.7	36.4	W	37.1	69.4	69.0	NA	40.8	—	44.9
1998 Average	68.8	68.1	56.1	50.6	W	51.8	79.7	79.0	60.6	55.2	—	57.4

See footnotes at end of table.

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

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
New Mexico												
January	91.6	89.8	73.4	67.8	—	68.6	81.2	80.4	64.8	59.6	—	60.4
February	87.6	85.9	66.2	62.9	—	63.5	77.2	76.2	59.5	55.1	—	55.8
March	84.0	82.7	65.3	61.6	—	62.3	71.3	70.8	57.7	53.8	—	54.4
April	83.8	82.7	66.1	62.9	—	63.4	71.9	71.2	59.1	55.1	—	55.7
May	83.3	82.4	68.9	64.9	—	65.7	71.1	70.5	61.6	57.4	—	58.1
June	82.6	82.0	67.9	63.7	—	64.5	70.9	70.3	60.6	56.3	—	57.0
July	83.1	82.6	67.6	63.3	—	64.2	69.9	69.7	60.4	55.3	—	56.1
August	83.0	82.3	65.7	58.7	—	60.1	69.3	68.8	56.7	50.7	—	51.7
September	80.4	80.0	61.8	56.3	—	57.3	67.2	66.8	53.9	48.3	—	49.2
October	79.9	79.4	62.2	58.4	—	59.1	66.3	65.8	54.7	50.7	—	51.4
November	77.8	76.7	62.9	54.9	—	56.5	64.8	64.3	54.4	47.2	—	48.5
December	75.0	73.9	58.0	48.4	—	50.0	62.7	62.1	48.4	41.0	—	42.2
1998 Average	82.2	81.4	65.4	60.4	—	61.3	69.9	69.4	57.6	52.7	—	53.5
Texas												
January	81.2	80.8	65.9	59.9	50.3	59.1	67.3	67.0	58.8	52.4	49.6	51.4
February	79.5	79.2	63.4	58.2	49.1	57.8	65.3	65.0	55.5	50.7	47.3	49.2
March	76.6	76.4	61.9	56.0	47.6	55.1	62.7	62.5	53.8	48.4	44.9	46.9
April	75.6	75.5	63.0	58.0	49.5	55.0	62.5	62.4	55.2	50.3	46.5	48.2
May	76.5	76.6	64.4	60.0	53.0	57.5	63.4	63.3	56.5	52.3	47.9	49.9
June	75.3	75.3	62.8	57.5	49.8	56.1	62.6	62.6	54.8	49.8	45.4	47.5
July	74.3	74.5	60.4	55.8	49.7	55.4	61.4	61.3	52.7	48.8	44.3	46.7
August	71.1	70.6	56.1	50.8	45.4	49.9	58.7	58.3	48.2	43.2	39.9	41.9
September	70.0	69.4	56.0	51.3	43.4	50.2	57.4	57.3	48.0	43.8	39.3	42.1
October	72.4	72.4	58.7	54.7	45.9	52.8	59.5	59.2	50.7	46.8	41.9	44.7
November	69.4	69.2	53.4	47.3	40.5	45.9	56.6	56.1	45.6	39.8	36.8	39.0
December	64.3	64.3	48.3	42.2	33.4	40.5	51.7	51.7	40.5	34.4	31.8	33.8
1998 Average	73.5	73.3	59.4	53.9	46.5	52.5	60.6	60.4	51.7	46.5	43.8	45.4
PAD District IV												
January	95.4	92.7	72.0	66.1	W	67.7	83.0	81.1	64.8	58.0	W	59.9
February	87.4	85.3	67.6	63.1	W	64.5	74.8	73.6	60.7	55.1	W	56.7
March	82.7	81.1	64.2	60.4	—	61.6	69.4	68.9	57.4	52.6	W	53.9
April	85.3	83.6	67.2	65.0	—	65.8	72.1	71.4	60.6	57.1	W	58.2
May	89.1	87.0	71.6	69.3	—	70.1	75.7	74.8	65.0	61.4	W	62.5
June	90.4	87.9	71.2	68.6	—	69.5	77.4	76.2	64.6	60.7	W	61.9
July	88.9	87.0	70.9	68.3	—	69.2	75.6	74.8	64.1	60.3	—	61.5
August	87.9	85.9	69.2	66.8	—	67.6	74.4	73.6	62.7	58.7	—	59.9
September	87.3	85.3	68.4	65.4	—	66.5	73.5	72.6	61.9	57.5	—	59.0
October	87.4	85.1	68.9	66.3	W	67.1	73.4	72.4	62.6	58.3	W	59.5
November	85.6	83.4	66.2	61.8	W	62.5	71.4	70.6	59.1	53.8	W	55.0
December	76.4	74.5	57.5	50.6	W	52.4	62.5	61.7	50.3	42.9	34.1	44.8
1998 Average	86.7	84.7	68.2	64.5	W	65.6	73.4	72.5	61.5	56.7	41.1	58.0
Colorado												
January	103.3	100.5	70.4	63.3	W	63.3	86.7	84.8	62.2	56.1	W	56.9
February	92.0	89.8	65.0	59.3	W	60.8	77.4	76.0	58.2	51.9	W	53.3
March	84.3	82.8	64.0	59.0	—	60.7	69.4	68.9	57.0	51.5	W	53.1
April	88.8	86.6	66.7	62.2	—	63.9	73.1	72.3	59.7	54.8	W	56.3
May	91.2	88.2	70.2	65.3	—	67.0	75.8	74.6	62.8	58.0	W	59.5
June	94.7	90.8	70.1	64.8	—	66.7	79.7	78.1	63.2	57.4	W	59.3
July	91.2	88.7	68.3	63.5	—	65.1	75.7	74.8	61.4	56.0	—	57.6
August	89.4	86.7	64.1	59.4	—	61.0	73.9	72.8	57.7	51.9	—	53.6
September	88.7	86.2	62.1	57.2	—	58.9	73.0	71.9	55.7	49.8	—	51.6
October	90.4	87.0	62.8	58.5	W	59.8	73.8	72.5	56.6	51.2	W	52.5
November	88.9	86.5	59.5	53.7	W	53.1	72.2	71.2	NA	46.4	W	47.1
December	79.3	77.3	51.8	45.4	W	46.1	63.3	62.5	46.8	38.4	W	39.6
1998 Average	89.2	86.6	65.2	59.6	W	61.1	73.7	72.7	58.7	52.4	W	54.0

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
Idaho												
January	81.1	78.4	65.2	55.3	—	58.7	88.5	86.1	70.7	59.9	—	64.3
February	72.9	71.9	60.7	53.6	—	56.0	81.3	79.3	64.9	58.1	—	61.0
March	67.1	67.7	56.5	49.8	—	52.1	76.8	76.2	61.3	54.2	—	57.4
April	66.5	67.2	59.4	56.1	—	57.3	76.3	75.8	63.9	60.5	—	62.1
May	71.6	72.4	65.0	62.5	—	63.4	80.8	80.6	69.3	67.0	—	68.1
June	72.8	72.9	64.3	61.4	—	62.4	81.8	81.4	68.9	66.3	—	67.5
July	72.4	72.6	64.2	60.6	—	61.8	81.2	80.8	68.8	65.5	—	67.0
August	72.6	72.8	64.6	60.5	—	61.9	81.5	81.2	69.4	65.3	—	67.1
September	72.9	72.8	64.7	61.3	—	62.5	80.7	80.5	69.7	65.9	—	67.6
October	71.7	71.7	64.5	61.3	—	62.3	79.6	79.3	69.5	66.2	—	67.2
November	70.3	70.0	60.4	56.3	—	57.5	78.1	77.5	64.8	61.0	—	62.1
December	61.9	61.8	49.8	42.5	W	44.3	71.1	70.5	53.3	47.6	—	49.1
1998 Average	71.1	71.1	62.1	56.9	W	58.6	79.8	79.2	66.9	61.6	—	63.7
Montana												
January	81.2	81.0	67.0	60.0	—	61.0	87.5	87.8	NA	66.4	—	66.9
February	76.6	76.7	63.2	57.1	—	57.9	82.6	82.9	73.5	63.0	—	63.8
March	73.7	73.6	58.9	53.4	—	54.0	80.3	80.3	67.7	58.6	—	59.3
April	74.5	74.6	58.6	55.8	—	56.1	81.3	81.1	66.2	60.5	—	61.0
May	74.1	74.2	61.2	59.1	—	59.4	80.4	80.3	67.1	64.3	—	64.5
June	73.7	74.0	62.0	59.9	—	60.2	79.7	79.7	67.5	65.4	—	65.6
July	73.8	74.3	62.7	60.7	—	61.0	80.3	80.3	66.9	66.2	—	66.3
August	73.4	73.8	63.1	61.2	—	61.5	79.3	79.4	67.5	66.2	—	66.4
September	73.4	73.5	63.2	58.9	—	59.5	79.1	79.2	66.4	64.0	—	64.2
October	71.2	71.4	62.0	57.9	—	58.5	75.5	75.8	65.0	63.2	—	63.3
November	66.7	67.4	56.4	52.7	—	53.2	71.9	72.4	60.7	57.6	—	57.8
December	58.3	58.8	50.4	44.9	—	45.7	62.9	64.0	49.6	51.0	—	50.9
1998 Average	72.6	72.8	60.9	57.1	—	57.7	78.1	78.1	66.0	62.1	—	62.4
Utah												
January	73.6	71.9	59.0	54.6	—	56.4	82.6	81.2	68.3	60.2	—	64.4
February	63.1	62.6	55.7	52.8	—	53.9	72.4	71.1	62.3	58.1	—	60.4
March	61.2	60.8	52.2	49.2	—	50.3	68.9	67.9	60.0	54.7	—	57.4
April	63.8	63.3	57.8	56.4	—	56.9	72.4	71.8	62.9	62.0	—	62.4
May	70.8	70.0	63.4	62.3	—	62.7	79.1	78.8	67.5	68.2	—	67.8
June	69.8	68.6	61.7	59.5	—	60.4	78.4	78.0	67.5	65.7	—	66.8
July	69.0	67.9	60.7	58.4	—	59.2	77.6	77.4	NA	64.9	—	65.8
August	67.9	67.0	59.6	57.3	—	58.2	76.3	76.0	NA	63.4	—	64.6
September	66.6	65.7	59.3	58.5	—	58.8	75.0	74.6	65.7	64.8	—	65.3
October	66.3	65.6	60.8	59.4	—	60.0	75.3	74.9	66.0	65.3	—	65.7
November	64.1	63.3	55.7	54.8	—	55.2	73.8	73.3	62.7	60.2	—	61.6
December	53.9	53.0	46.0	40.0	—	42.3	62.9	62.3	54.0	45.7	—	50.3
1998 Average	65.9	65.1	57.9	55.5	—	56.4	74.7	74.0	64.2	61.2	—	62.9
Wyoming												
January	78.7	77.8	65.5	55.2	—	56.3	85.5	83.1	71.3	61.8	—	65.4
February	72.8	72.3	61.6	52.2	—	53.3	81.4	79.9	69.8	58.9	—	62.9
March	72.0	69.8	54.6	51.1	—	51.5	80.8	79.7	62.8	55.3	—	58.2
April	73.4	72.9	58.6	55.0	—	55.4	83.0	81.7	68.2	61.4	—	64.2
May	74.7	72.8	62.1	57.8	—	58.4	83.9	82.8	71.3	66.4	—	68.4
June	75.3	74.1	61.0	57.6	—	58.1	83.5	82.4	70.0	65.0	—	67.0
July	76.1	75.2	64.9	58.6	—	59.7	83.6	82.8	71.3	64.9	—	67.5
August	75.8	74.6	63.9	56.8	—	58.2	82.7	81.6	67.7	63.6	—	65.1
September	74.5	72.7	62.1	54.0	—	55.4	81.7	80.6	66.5	64.2	—	65.2
October	72.8	71.5	60.8	53.6	—	54.6	80.0	79.2	69.0	64.2	—	66.3
November	70.3	69.9	53.5	48.8	—	49.4	77.2	76.6	NA	53.6	—	NA
December	63.0	61.3	48.8	38.8	—	40.2	70.3	69.3	52.2	46.0	—	48.0
1998 Average	73.5	72.2	60.4	53.8	—	54.7	81.1	80.0	66.3	59.9	—	62.4

See footnotes at end of table.

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

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Idaho												
January	95.7	92.3	76.7	65.3	—	69.6	83.4	80.5	67.3	56.9	—	60.6
February	88.8	86.5	71.5	63.4	—	66.5	75.4	74.2	62.7	55.3	—	57.9
March	84.0	83.0	67.2	59.7	—	62.6	69.8	70.0	58.6	51.3	—	53.9
April	82.4	81.7	69.8	66.0	—	67.5	69.1	69.4	61.3	57.6	—	59.0
May	88.3	87.4	75.1	72.6	—	73.6	74.3	74.8	66.9	64.1	—	65.1
June	88.9	87.5	74.8	71.4	—	72.7	75.5	75.2	66.3	63.0	—	64.2
July	88.6	87.3	74.7	70.7	—	72.3	75.3	75.1	66.3	62.3	—	63.8
August	88.6	87.6	75.1	70.7	—	72.2	75.7	75.4	66.6	62.2	—	63.8
September	88.8	87.5	75.4	71.6	—	73.1	75.6	75.2	66.8	63.0	—	64.4
October	87.5	86.3	75.6	71.6	—	72.8	74.3	74.0	66.4	63.1	—	64.1
November	86.4	84.8	72.0	66.4	—	67.9	72.9	72.4	62.1	58.1	—	59.3
December	80.1	78.6	61.5	52.2	—	54.5	65.0	64.6	51.8	44.4	W	46.2
1998 Average	87.3	85.9	72.8	66.7	—	68.9	73.9	73.5	64.1	58.6	W	60.4
Montana												
January	91.9	91.6	73.0	71.9	—	72.1	83.4	83.0	68.1	62.2	—	63.1
February	86.9	86.7	72.7	69.0	—	69.5	78.7	78.6	65.0	59.3	—	60.1
March	84.6	84.5	66.9	65.0	—	65.2	75.9	75.7	60.6	55.6	—	56.2
April	85.9	85.4	67.9	66.9	—	67.0	76.7	76.5	60.2	57.8	—	58.1
May	85.7	85.6	71.2	70.4	—	70.5	76.5	76.3	62.9	61.3	—	61.5
June	84.8	84.6	72.6	71.1	—	71.3	75.9	75.9	64.0	62.2	—	62.4
July	85.3	85.3	73.7	72.0	—	72.2	76.4	76.5	65.0	63.1	—	63.4
August	86.5	86.5	74.4	72.9	—	73.1	76.1	76.2	65.4	63.6	—	63.9
September	86.2	86.1	73.2	70.5	—	70.9	76.0	75.9	65.1	61.2	—	61.8
October	84.3	84.1	73.4	70.0	—	70.4	73.6	73.6	64.2	60.4	—	60.9
November	79.7	79.5	68.4	64.6	—	65.1	69.2	69.5	58.6	55.1	—	55.6
December	71.6	71.8	62.1	57.0	—	57.7	61.1	61.4	52.7	47.6	—	48.2
1998 Average	84.4	84.2	71.0	68.7	—	69.0	74.9	74.9	62.8	59.4	—	59.9
Utah												
January	91.9	89.2	70.1	64.5	—	67.1	78.8	76.9	63.1	57.2	—	59.8
February	81.6	79.4	66.4	62.4	—	64.2	68.5	67.3	59.6	55.4	—	57.3
March	77.9	76.1	62.9	58.8	—	60.5	65.5	64.7	56.4	52.0	—	53.7
April	80.8	79.3	66.6	66.0	—	66.3	68.4	67.6	61.0	59.0	—	59.8
May	87.6	85.9	71.5	72.0	—	71.8	75.4	74.4	66.2	64.9	—	65.4
June	87.3	85.5	70.7	69.4	—	70.0	74.5	73.3	65.0	62.2	—	63.4
July	85.9	84.2	70.1	68.4	—	69.2	73.9	72.7	64.2	61.3	—	62.6
August	85.3	83.5	69.1	67.4	—	68.2	72.8	71.7	63.2	60.2	—	61.5
September	84.1	82.4	68.9	68.3	—	68.6	71.6	70.5	62.9	61.4	—	62.1
October	83.6	82.0	69.8	69.1	—	69.4	71.3	70.4	64.0	62.2	—	63.0
November	82.3	79.8	66.2	64.2	—	65.2	69.5	68.3	59.3	57.4	—	58.3
December	72.1	69.5	57.3	49.5	—	53.0	59.3	58.0	50.3	42.7	—	46.0
1998 Average	83.3	81.4	67.6	65.1	—	66.3	70.9	69.7	61.5	58.2	—	59.6
Wyoming												
January	90.4	88.0	75.8	65.1	—	66.8	81.3	79.8	68.0	56.9	—	58.3
February	86.5	84.8	72.7	62.0	—	63.6	75.9	74.8	64.5	54.0	—	55.3
March	84.1	81.8	64.2	60.6	—	61.2	74.9	72.6	57.0	52.9	—	53.4
April	86.3	84.7	68.5	64.2	—	64.9	76.7	75.8	61.1	56.6	—	57.2
May	87.9	85.7	71.3	67.6	—	68.1	78.0	75.8	64.3	59.6	—	60.3
June	87.2	85.1	71.3	67.6	—	68.2	78.3	76.9	63.6	59.7	—	60.3
July	89.0	87.6	75.8	68.6	—	70.1	79.2	78.2	67.6	60.6	—	61.9
August	88.2	86.5	75.0	66.9	—	68.6	78.9	77.5	66.5	59.0	—	60.5
September	87.8	86.2	NA	64.2	—	66.2	77.8	75.8	64.8	56.0	—	57.8
October	85.3	83.9	71.1	63.8	—	65.2	75.9	74.3	63.4	55.6	—	56.8
November	83.2	81.3	NA	59.0	—	60.0	73.4	72.6	56.1	50.7	—	51.5
December	75.5	73.6	NA	49.1	—	51.0	66.3	64.3	51.6	41.0	—	42.6
1998 Average	86.1	84.3	71.1	63.7	—	65.0	76.6	75.0	63.0	55.7	—	56.8

See footnotes at end of table.

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

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
PAD District V												
January	81.3	79.8	68.8	57.9	52.7	61.8	90.7	89.7	77.6	63.1	—	72.0
February	74.5	73.5	62.7	52.5	48.4	55.7	84.3	83.3	71.4	58.0	—	66.2
March	69.0	68.2	57.9	49.5	45.6	52.3	78.6	77.4	66.2	55.0	—	61.7
April	70.6	70.1	60.0	55.2	50.6	56.8	79.9	79.0	67.3	60.5	—	64.6
May	76.1	75.5	64.9	59.3	53.5	61.3	85.4	84.7	71.5	65.2	—	69.2
June	76.4	75.4	63.6	56.0	50.8	58.7	85.2	83.7	69.9	61.8	—	66.8
July	75.3	74.2	62.8	55.6	50.0	57.8	84.1	83.0	68.9	61.3	—	65.9
August	74.2	72.6	62.1	53.9	47.6	56.4	82.9	81.7	68.3	59.9	—	65.0
September	73.5	71.5	62.1	53.5	47.4	56.0	82.6	81.1	69.3	59.2	—	65.2
October	70.5	68.8	61.2	53.5	47.1	56.3	80.5	79.6	68.3	59.2	—	65.0
November	69.4	68.0	60.7	51.9	46.7	54.9	78.3	77.9	68.0	57.0	—	63.1
December	67.5	65.7	57.5	47.0	44.4	51.2	76.7	76.0	65.8	53.3	—	60.9
1998 Average	73.2	72.0	62.0	54.0	48.6	56.7	82.5	81.4	69.2	59.7	—	65.5
Alaska												
January	107.7	108.0	93.1	76.2	W	82.5	118.2	115.8	91.0	85.7	—	87.8
February	103.7	103.8	90.0	73.4	W	78.5	113.2	109.4	W	82.3	—	85.6
March	96.6	96.7	83.1	70.3	W	73.3	105.4	102.4	85.3	W	—	83.1
April	95.4	95.7	82.4	NA	W	71.8	103.0	101.3	84.2	W	—	82.5
May	97.0	97.2	83.9	70.4	W	73.6	105.2	104.1	85.1	86.1	—	85.4
June	96.7	97.0	84.4	68.8	W	74.0	105.5	104.0	84.9	81.9	—	83.8
July	96.4	96.7	83.9	70.0	W	71.0	105.9	103.8	84.1	83.7	—	84.0
August	95.6	96.1	84.1	67.5	W	73.1	105.2	103.2	83.7	80.6	—	82.2
September	94.8	93.6	83.9	65.2	W	71.7	103.5	101.5	82.0	81.4	—	81.8
October	95.0	95.5	84.2	68.1	W	73.7	106.8	104.3	82.2	81.1	—	81.8
November	93.2	93.6	83.7	68.8	—	74.8	105.6	103.7	81.8	76.3	—	78.3
December	85.7	86.0	74.5	61.7	W	65.8	98.5	97.3	74.7	76.3	—	75.4
1998 Average	96.2	96.4	84.2	68.6	W	73.3	105.9	103.9	83.7	81.0	—	82.7
Arizona												
January	81.2	80.4	63.4	58.9	54.0	60.3	87.7	87.6	69.8	65.8	—	68.1
February	75.3	74.5	59.0	53.9	49.6	55.3	84.3	84.2	66.6	60.2	—	63.9
March	71.6	70.9	56.2	50.4	45.7	52.2	79.7	79.5	62.0	57.3	—	60.0
April	72.6	71.6	61.1	57.3	53.3	59.0	81.4	81.2	66.8	63.0	—	65.5
May	76.0	75.1	63.7	59.1	W	61.1	84.7	84.4	69.4	65.1	—	67.9
June	73.0	71.9	59.1	53.2	W	56.1	81.6	81.3	65.7	59.5	—	63.5
July	70.6	69.7	57.5	52.3	47.5	54.5	79.3	79.0	65.8	57.7	—	62.8
August	68.7	67.9	55.6	48.6	45.6	51.5	76.7	76.5	64.3	54.4	—	60.3
September	66.8	65.9	54.3	48.7	46.4	50.8	75.8	75.4	62.2	54.4	—	58.7
October	64.8	63.7	55.8	49.2	44.6	52.0	73.7	73.4	61.9	54.7	—	59.6
November	62.5	61.8	53.5	47.9	43.7	49.1	71.2	71.1	61.3	53.7	—	57.6
December	60.7	59.7	50.2	43.5	37.2	45.2	69.4	69.3	57.5	49.0	—	53.5
1998 Average	70.0	69.1	57.7	51.7	47.1	54.0	78.6	78.4	64.7	57.6	—	61.9
California												
January	—	—	—	64.3	57.0	58.4	—	—	—	69.8	—	69.8
February	—	—	—	57.1	50.3	51.0	—	—	—	62.8	—	62.8
March	—	—	—	52.5	48.8	49.4	—	—	—	59.1	—	59.1
April	—	—	—	62.9	53.3	54.7	—	—	—	69.4	—	69.4
May	—	—	—	61.1	49.5	51.2	—	—	—	66.8	—	66.8
June	—	—	—	54.8	50.6	51.1	—	—	—	59.1	—	59.1
July	—	—	—	54.4	49.7	50.1	—	—	—	58.5	—	58.5
August	—	—	—	50.8	47.4	47.7	—	—	—	54.6	—	54.6
September	—	—	—	50.6	47.8	48.1	—	—	—	55.4	—	55.4
October	—	—	—	51.3	46.9	47.4	—	—	—	56.1	—	56.1
November	—	—	—	50.3	NA	49.7	—	—	—	54.9	—	54.9
December	—	—	—	47.1	45.8	46.0	—	—	—	52.0	—	52.0
1998 Average	—	—	—	54.6	49.4	50.1	—	—	—	59.8	—	59.8

See footnotes at end of table.

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

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	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
PAD District V												
January	102.3	99.9	87.3	71.1	63.2	77.6	84.8	83.3	72.5	59.9	54.4	64.7
February	96.4	94.1	81.0	65.9	55.1	71.5	78.3	77.1	66.4	54.4	49.2	58.6
March	90.2	88.6	74.7	62.6	51.5	67.1	72.7	71.7	61.4	51.5	46.4	55.0
April	91.2	90.1	75.2	68.3	NA	70.1	74.3	73.7	63.2	57.2	51.5	59.3
May	96.2	95.0	80.1	73.0	NA	74.5	79.7	78.9	68.0	61.5	55.2	64.0
June	96.5	95.0	78.7	68.9	55.8	70.5	80.0	78.8	66.6	58.1	52.4	61.3
July	95.1	93.6	77.4	67.8	56.0	70.1	78.9	77.7	65.9	57.8	51.2	60.4
August	93.6	92.0	76.9	66.8	53.9	68.0	77.7	76.1	65.2	56.1	49.4	59.0
September	93.6	90.9	77.6	66.3	51.2	69.1	77.2	75.1	65.3	55.6	48.1	58.7
October	92.2	89.6	77.3	66.5	51.3	69.2	74.3	72.5	64.3	55.5	48.0	58.9
November	90.2	88.2	77.1	65.5	NA	66.8	73.0	71.6	64.0	53.9	46.8	57.3
December	89.1	86.6	74.3	60.1	NA	62.1	71.3	69.4	61.1	49.2	44.1	53.8
1998 Average	93.8	91.9	77.9	67.1	53.1	69.6	76.9	75.5	65.3	56.1	49.6	59.3
Alaska												
January	117.8	117.8	102.8	90.7	W	92.6	110.1	110.1	93.9	77.8	W	83.6
February	114.0	114.1	102.0	84.8	—	91.7	105.9	105.8	91.2	74.6	W	79.8
March	108.1	108.1	92.5	79.2	—	84.9	99.0	98.9	84.0	71.3	W	74.5
April	105.6	105.5	92.8	NA	—	81.3	97.7	97.9	83.4	NA	W	72.9
May	113.4	113.1	94.0	79.0	—	84.4	99.4	99.5	84.8	71.5	W	74.8
June	112.3	112.2	94.8	80.8	—	86.9	99.1	99.1	85.4	70.0	W	75.3
July	111.8	111.6	93.4	81.4	—	87.0	98.7	98.9	84.9	71.1	W	72.5
August	111.9	111.6	92.4	79.1	—	84.9	98.0	98.3	84.9	68.7	W	74.3
September	111.8	111.6	92.6	75.7	—	82.1	97.1	95.9	84.7	66.4	W	72.8
October	113.3	113.2	94.3	79.2	—	85.7	97.8	98.1	85.1	69.4	W	75.0
November	111.5	111.4	91.3	77.0	—	82.4	96.0	96.3	84.5	70.0	—	75.7
December	104.9	104.8	82.9	68.4	W	NA	88.7	88.9	75.4	62.8	W	66.7
1998 Average	111.3	111.2	93.5	78.5	W	84.3	98.8	98.8	85.1	69.8	W	74.4
Arizona												
January	99.9	99.5	75.1	68.8	W	70.5	84.0	83.2	65.2	61.0	55.0	62.2
February	94.5	94.2	70.5	65.1	W	67.2	78.4	77.7	60.6	55.4	50.2	56.8
March	90.0	89.7	66.9	62.5	—	64.8	74.6	73.9	58.1	52.1	45.7	54.1
April	91.9	91.4	73.2	69.3	—	71.7	76.1	75.1	63.3	59.2	53.3	61.1
May	94.8	94.0	75.9	70.8	W	73.6	79.5	78.6	65.8	61.0	W	63.2
June	93.0	92.1	71.4	66.5	—	69.4	76.8	75.7	61.4	55.4	W	58.4
July	90.5	90.0	70.6	64.1	W	67.0	74.4	73.4	60.3	54.3	49.3	57.0
August	88.0	87.2	69.2	60.9	W	65.0	72.3	71.5	58.5	50.8	46.0	53.9
September	86.9	86.2	67.6	61.0	53.4	62.9	70.6	69.7	56.7	50.7	47.4	53.0
October	85.4	85.1	68.4	60.9	W	64.9	68.1	66.9	57.9	50.8	45.6	54.1
November	81.8	81.6	66.0	60.2	W	62.5	65.8	65.1	55.8	49.7	43.9	51.0
December	79.7	79.3	62.3	55.6	W	58.6	64.0	63.0	52.7	45.4	37.3	47.5
1998 Average	89.5	89.0	70.1	63.8	56.7	66.7	73.5	72.6	60.0	53.6	47.6	56.1
California												
January	—	—	—	76.1	W	73.7	—	—	—	66.4	59.8	61.1
February	—	—	—	69.1	W	64.0	—	—	—	59.2	51.0	52.0
March	—	—	—	65.5	W	54.5	—	—	—	55.1	49.1	50.2
April	—	—	—	76.3	—	NA	—	—	—	65.6	53.3	55.6
May	—	—	—	73.6	W	56.4	—	—	—	63.6	50.3	52.5
June	—	—	—	67.1	W	W	—	—	—	57.0	51.9	52.4
July	—	—	—	66.0	52.6	53.6	—	—	—	56.4	50.1	50.7
August	—	—	—	62.4	W	W	—	—	—	52.8	48.6	48.9
September	—	—	—	63.1	49.9	50.9	—	—	—	52.9	48.2	48.8
October	—	—	—	62.9	50.5	51.4	—	—	—	53.4	47.7	48.4
November	—	—	—	62.3	50.7	51.4	—	—	—	52.3	NA	50.3
December	—	—	—	59.5	W	W	—	—	—	49.3	45.5	46.1
1998 Average	—	—	—	66.6	W	53.7	—	—	—	56.8	50.1	50.9

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	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
Hawaii												
January	110.8	99.4	102.8	90.7	—	101.0	116.7	105.7	107.3	W	—	106.9
February	110.4	98.3	100.5	87.8	—	98.6	117.1	105.7	104.6	W	—	104.2
March	109.5	95.5	96.5	84.5	—	94.9	116.2	107.0	101.0	W	—	100.7
April	108.1	95.5	95.4	83.3	—	93.5	115.0	107.2	99.8	W	—	99.3
May	107.7	96.9	95.5	82.3	—	93.6	114.2	107.3	100.0	W	—	99.7
June	106.8	93.4	95.0	80.7	—	92.8	113.6	105.3	99.5	W	—	99.0
July	106.5	92.8	94.8	81.4	—	92.6	113.0	105.1	98.9	86.5	—	98.5
August	105.7	91.6	94.0	79.5	—	91.9	111.9	102.5	98.2	84.3	—	97.8
September	105.2	90.9	93.4	80.8	—	91.4	111.3	102.1	97.7	87.1	—	97.3
October	104.2	90.2	93.1	80.4	—	91.1	110.4	101.4	97.7	85.7	—	97.3
November	103.1	89.1	92.7	81.8	—	91.0	108.9	99.2	97.6	89.8	—	97.2
December	102.4	87.4	91.3	80.0	—	89.6	109.0	98.9	96.6	88.0	—	96.2
1998 Average	106.7	93.3	95.4	82.6	—	93.5	113.0	103.9	99.9	86.9	—	99.5
Nevada												
January	77.0	76.6	66.4	NA	56.2	64.1	94.5	94.5	67.6	67.9	—	67.8
February	72.1	71.8	57.5	56.4	51.5	56.3	88.1	88.1	67.2	59.3	—	62.5
March	64.4	64.2	50.5	51.1	49.6	50.9	78.3	78.3	NA	54.7	—	58.3
April	67.9	67.1	51.1	56.8	W	54.6	79.0	77.8	59.6	61.5	—	60.4
May	75.7	74.4	60.4	59.7	W	60.0	89.3	88.8	66.4	66.2	—	66.4
June	NA	NA	56.6	53.9	W	54.9	87.3	82.7	62.2	59.6	—	61.3
July	74.1	72.5	55.0	54.4	49.5	54.3	86.1	82.6	60.6	59.9	—	60.4
August	74.9	69.8	55.9	52.1	48.0	53.2	86.6	81.7	61.5	57.5	—	60.1
September	NA	68.3	56.6	53.0	47.8	53.6	NA	NA	63.8	57.3	—	61.4
October	69.7	NA	59.1	52.9	48.0	53.6	79.1	NA	66.6	57.2	—	62.8
November	68.9	59.9	58.0	51.6	47.0	51.9	78.0	76.0	68.3	55.1	—	62.0
December	70.5	NA	54.2	46.3	42.9	46.9	78.5	75.5	64.2	50.6	—	56.9
1998 Average	72.9	69.3	56.1	54.2	49.1	54.5	85.5	82.4	63.0	59.5	—	61.6
Oregon												
January	74.3	73.0	63.4	54.4	47.9	55.7	82.9	81.8	69.7	61.6	—	64.7
February	67.4	67.1	55.7	48.4	44.4	50.0	76.8	76.0	61.1	56.2	—	58.2
March	64.1	63.5	51.3	46.8	43.7	47.9	73.6	71.8	57.7	53.4	—	55.4
April	66.1	66.3	55.6	53.3	48.5	53.4	75.7	74.8	62.8	59.6	—	61.1
May	72.4	72.5	61.3	58.6	W	59.4	82.2	81.0	68.4	65.8	—	67.1
June	72.4	72.0	60.2	54.9	52.6	56.4	82.2	80.1	66.8	62.1	—	64.5
July	72.3	71.7	60.1	53.8	52.1	55.9	82.0	80.9	66.8	61.1	—	63.9
August	71.0	70.6	59.0	52.4	48.2	54.0	79.7	78.9	64.9	59.8	—	62.2
September	70.4	70.0	59.9	52.3	48.0	54.0	80.3	79.3	67.1	59.3	—	63.1
October	69.5	69.0	59.6	52.7	NA	54.7	79.8	78.5	65.6	59.6	—	62.6
November	69.8	69.4	63.5	50.3	45.4	53.0	79.2	78.8	68.6	56.5	—	59.6
December	67.4	66.4	57.9	46.3	NA	49.9	76.9	76.0	62.6	53.6	—	57.4
1998 Average	69.8	69.4	58.9	52.4	47.9	53.9	79.4	78.2	65.3	59.0	—	61.9
Washington												
January	78.1	77.3	64.7	54.7	48.2	59.8	88.5	88.1	73.5	61.6	—	69.4
February	68.9	68.7	58.8	50.4	45.6	54.0	80.3	79.7	66.3	57.2	—	63.2
March	63.0	63.2	54.6	48.3	43.0	50.8	74.5	73.7	61.2	54.9	—	58.8
April	64.6	65.3	57.9	53.4	48.5	55.1	75.4	75.1	64.1	59.3	—	62.2
May	70.9	71.1	62.8	57.9	54.7	60.0	80.5	80.4	68.9	64.3	—	67.1
June	72.5	72.3	62.6	56.0	49.9	58.9	82.4	82.2	68.9	62.4	—	66.4
July	72.2	71.9	62.0	55.7	49.9	58.3	81.9	81.5	68.0	62.0	—	65.6
August	71.2	70.9	61.2	55.0	47.9	57.6	80.9	80.9	67.3	61.5	—	65.0
September	70.1	69.7	60.4	53.9	46.5	56.4	80.3	80.1	66.8	60.3	—	64.2
October	66.1	66.2	58.5	53.3	NA	56.1	78.3	78.2	64.9	59.7	—	63.1
November	63.4	63.6	56.6	51.6	47.2	54.0	75.1	75.2	62.8	57.5	—	60.9
December	62.2	62.1	53.9	46.4	NA	50.6	73.9	73.7	60.8	53.5	—	58.1
1998 Average	68.3	68.3	59.5	53.3	48.0	56.1	79.2	79.0	66.1	59.7	—	63.7

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
Hawaii												
January	127.1	115.2	114.5	103.1	—	113.4	115.2	103.6	106.7	93.7	—	105.1
February	125.2	113.7	112.0	99.3	—	110.6	114.8	102.6	104.2	90.5	—	102.6
March	125.4	111.5	108.1	96.5	—	107.0	113.9	100.3	100.3	87.4	—	98.9
April	125.5	112.3	107.0	95.3	—	105.7	112.9	100.5	99.2	86.1	—	97.5
May	124.4	112.7	107.2	94.1	—	105.8	112.3	101.6	99.4	85.1	—	97.7
June	123.8	110.5	106.6	92.9	—	105.1	111.5	98.4	98.8	83.6	—	96.9
July	123.0	109.5	106.1	93.4	—	104.6	111.1	97.8	98.5	84.4	—	96.6
August	122.7	109.2	105.3	91.4	—	103.8	110.5	96.7	97.7	82.5	—	95.8
September	121.4	107.1	104.8	92.9	—	103.4	109.8	95.9	97.2	84.0	—	95.4
October	119.2	105.9	104.7	91.9	—	103.3	108.6	94.9	96.9	83.3	—	95.2
November	118.4	105.5	104.6	94.5	—	103.4	107.4	93.9	96.6	85.2	—	95.1
December	118.3	104.0	103.5	92.4	—	102.2	107.1	92.5	95.5	83.3	—	93.9
1998 Average	122.7	109.6	107.0	94.6	—	105.6	111.2	98.1	99.2	85.6	—	97.5
Nevada												
January	94.1	94.0	79.5	NA	W	NA	80.8	80.3	68.1	NA	57.1	65.3
February	91.0	91.0	74.2	64.1	W	66.3	76.0	75.7	60.3	57.6	52.8	57.9
March	81.7	81.7	66.7	60.5	W	61.5	67.9	67.6	53.8	52.6	50.0	52.7
April	84.1	84.0	64.8	68.6	W	66.8	71.5	70.7	54.5	58.8	W	57.0
May	92.7	92.7	74.4	72.8	—	73.5	79.5	78.3	63.6	62.1	W	62.8
June	94.4	94.4	69.9	65.5	W	67.1	80.6	NA	59.7	56.3	W	57.7
July	91.4	91.4	68.2	64.1	55.5	65.3	77.9	76.2	58.3	56.6	50.2	56.9
August	88.6	88.3	69.3	63.3	NA	65.5	78.2	73.4	59.3	54.2	48.7	55.9
September	NA	85.4	70.5	62.5	54.2	64.8	NA	72.3	60.1	54.6	48.6	55.9
October	85.1	77.4	72.1	62.3	W	64.6	73.4	NA	62.5	54.2	48.5	55.6
November	84.9	78.3	73.2	61.1	54.4	62.3	72.7	63.5	61.4	52.9	47.9	53.7
December	86.9	78.5	69.5	NA	48.7	56.5	74.0	NA	57.4	47.5	43.5	48.4
1998 Average	89.5	87.4	69.8	64.6	55.8	66.1	76.7	73.0	59.4	56.0	49.9	56.8
Oregon												
January	91.0	87.5	77.7	68.8	W	70.2	76.3	75.0	65.2	56.3	48.2	57.5
February	84.8	81.6	69.3	64.4	NA	63.4	69.7	69.1	57.6	50.4	46.0	51.9
March	82.5	80.9	65.4	61.0	NA	61.6	66.7	65.9	53.5	48.7	45.3	50.0
April	84.7	83.7	70.1	67.5	NA	66.0	68.7	68.8	58.1	55.1	49.8	55.4
May	91.5	90.4	75.9	73.8	W	72.0	75.0	74.9	63.7	60.7	57.9	61.6
June	91.7	90.2	75.3	70.0	NA	69.1	75.2	74.6	62.6	56.9	54.4	58.6
July	91.2	89.4	74.6	68.9	NA	68.8	75.1	74.3	62.5	56.1	54.1	58.1
August	90.2	88.5	73.2	67.6	NA	66.3	73.8	73.2	61.2	54.7	50.2	56.2
September	89.8	88.6	74.0	67.2	NA	67.2	73.3	72.7	62.2	54.4	48.5	56.1
October	89.3	87.5	73.6	67.6	NA	66.9	72.4	71.8	61.7	54.8	NA	56.7
November	87.9	86.8	76.2	65.3	W	61.6	72.5	72.0	65.2	52.7	45.3	54.6
December	85.8	84.5	72.8	61.9	W	57.5	70.2	69.1	59.8	48.6	44.7	51.5
1998 Average	88.5	86.9	73.1	67.3	NA	66.3	72.5	71.9	61.1	54.4	49.1	56.0
Washington												
January	99.2	98.3	80.5	69.1	55.1	74.1	82.3	81.4	68.0	57.0	50.4	62.8
February	90.5	89.7	73.7	64.1	52.2	67.5	73.5	73.0	62.0	52.7	47.0	56.9
March	84.4	84.1	68.6	61.7	NA	64.1	67.5	67.5	57.5	50.5	44.4	53.4
April	85.2	85.4	71.3	66.4	55.0	66.8	68.9	69.3	60.6	55.5	50.5	57.5
May	91.0	90.7	76.5	71.7	NA	72.2	75.0	74.9	65.5	60.2	56.9	62.5
June	92.5	91.9	76.3	69.5	NA	70.7	76.6	76.3	65.4	58.3	52.2	61.4
July	92.3	91.7	75.5	69.0	NA	70.4	76.5	75.9	64.8	58.1	52.3	60.9
August	91.1	90.6	74.9	68.4	NA	68.8	75.3	74.9	64.0	57.3	51.2	60.1
September	90.4	89.5	74.3	67.2	NA	68.9	74.4	73.7	63.4	56.2	47.6	59.1
October	88.2	87.7	73.0	67.0	NA	68.5	70.6	70.5	61.4	55.8	NA	58.7
November	84.8	84.4	71.1	66.0	W	65.5	67.8	67.8	59.5	53.9	46.1	56.4
December	84.3	83.4	68.2	60.0	W	60.8	66.7	66.4	56.8	49.0	NA	53.1
1998 Average	89.3	88.7	73.6	66.9	NA	68.2	72.7	72.4	62.4	55.6	49.7	58.7

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.

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, and PAD District

(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												
January	77.7	77.3	68.8	59.2	—	63.1	85.9	85.6	73.0	60.8	—	66.1
February	71.8	71.6	63.5	57.8	—	60.1	79.4	79.2	68.3	59.8	—	63.3
March	68.4	68.5	58.5	56.1	—	57.2	76.0	75.9	64.0	57.2	—	60.2
April	70.0	70.3	61.9	57.5	—	59.3	76.1	76.2	66.7	58.4	—	61.1
May	74.3	74.2	65.3	60.7	—	62.8	79.8	79.7	69.9	61.5	—	64.5
June	74.7	74.5	65.0	59.4	—	61.7	80.0	79.9	69.0	60.4	—	63.5
July	72.2	72.1	63.5	58.7	—	60.8	78.1	78.0	67.7	59.6	—	62.5
August	69.0	69.0	60.7	53.8	—	56.9	75.0	74.8	65.5	54.7	—	58.5
September	67.9	67.9	60.6	54.1	—	57.0	74.4	74.1	65.6	55.3	—	59.1
October	69.4	69.0	60.0	54.2	—	56.6	76.5	75.8	65.0	55.9	—	59.4
November	63.6	63.1	57.3	49.8	—	53.0	72.2	71.7	62.7	50.7	—	55.9
December	60.4	60.0	53.9	44.4	—	48.4	68.1	67.8	58.7	44.7	—	50.7
1998 Average	69.6	69.4	61.2	54.7	—	57.5	76.6	76.3	65.9	56.0	—	59.9
PAD District I												
January	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—
October	—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—	—	—
1998 Average	—	—	—	—	—	—	—	—	—	—	—	—
PAD District II												
January	74.5	74.6	62.9	56.9	—	58.7	79.3	79.2	63.8	57.9	—	59.6
February	72.3	72.2	62.5	58.0	—	59.4	76.8	76.7	64.6	58.8	—	60.4
March	72.1	72.0	64.2	56.0	—	58.4	76.7	76.7	67.5	56.7	—	59.3
April	73.0	73.0	65.6	57.6	—	60.0	77.6	77.6	67.8	58.2	—	60.5
May	76.3	76.0	66.4	60.6	—	62.6	80.7	80.6	69.0	61.2	—	63.4
June	76.3	75.9	65.5	59.4	—	61.3	80.6	80.4	NA	60.2	—	62.3
July	73.6	73.3	63.4	58.8	—	60.4	78.5	78.3	NA	59.6	—	61.3
August	70.1	70.1	59.9	53.7	—	55.9	75.2	74.9	NA	54.6	—	56.8
September	69.1	69.1	59.8	54.3	—	56.2	74.4	74.0	NA	55.1	—	57.0
October	69.4	69.2	59.8	53.8	—	55.7	74.0	73.7	NA	54.7	—	56.3
November	63.1	63.0	53.4	46.5	—	48.6	67.2	66.9	NA	47.5	—	49.9
December	58.5	58.7	48.5	41.1	—	43.2	62.4	62.3	NA	42.1	—	44.4
1998 Average	70.7	70.6	61.2	54.7	—	56.8	75.2	75.0	63.2	55.3	—	57.4
PAD District III												
January	78.4	78.3	65.6	65.0	—	65.1	88.5	88.4	71.7	71.7	—	71.7
February	76.9	76.7	61.5	61.1	—	61.2	86.8	86.6	66.0	67.3	—	67.2
March	75.9	75.9	W	58.3	—	58.2	85.9	85.9	W	65.8	—	65.0
April	W	W	W	—	—	W	W	W	W	—	—	W
May	NA	NA	W	—	—	W	NA	NA	W	—	—	W
June	W	W	W	—	—	W	W	W	W	—	—	W
July	W	W	W	—	—	W	W	W	W	—	—	W
August	—	—	W	—	—	W	—	—	W	—	—	W
September	W	W	W	48.5	—	48.5	W	W	W	54.1	—	53.8
October	68.7	68.6	49.9	50.6	—	50.5	78.2	78.2	W	56.0	—	55.9
November	62.7	61.0	49.9	49.3	—	49.3	72.0	72.0	55.1	54.4	—	54.5
December	58.8	58.6	44.9	44.6	—	44.6	68.4	68.3	52.0	49.5	—	49.8
1998 Average	70.6	70.0	55.9	53.9	—	54.3	80.1	80.1	59.0	61.0	—	60.7

See footnotes at end of table.

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

(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												
January	95.6	95.0	81.0	67.5	—	73.6	80.5	80.1	70.9	60.3	—	64.7
February	89.0	88.7	76.2	66.0	—	70.6	74.4	74.1	65.6	58.9	—	61.7
March	84.8	84.6	71.0	63.2	—	67.2	70.6	70.6	60.7	56.9	—	58.7
April	83.9	83.9	74.3	63.4	—	68.5	71.7	71.9	63.6	58.1	—	60.4
May	87.2	86.9	77.2	66.4	—	71.9	75.9	75.7	67.1	61.3	—	63.8
June	87.6	87.3	76.5	64.7	—	70.3	76.3	76.1	66.7	59.9	—	62.7
July	85.2	84.7	75.2	64.5	—	70.3	74.0	73.8	65.3	59.3	—	61.9
August	81.9	81.8	71.9	59.8	—	66.5	70.8	70.7	62.6	54.4	—	58.1
September	81.9	81.7	73.3	61.1	—	67.6	69.8	69.7	62.7	54.9	—	58.4
October	85.8	85.4	72.2	62.4	—	67.2	71.9	71.4	62.6	55.4	—	58.4
November	81.4	80.5	70.3	59.6	—	65.2	66.8	66.1	60.3	51.2	—	55.2
December	77.5	76.7	66.8	53.3	—	60.1	63.4	62.9	56.5	45.5	—	50.3
1998 Average	85.0	84.5	73.0	61.9	—	67.4	71.9	71.6	63.4	55.6	—	59.0
PAD District I												
January	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—
October	—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—	—	—
1998 Average	—	—	—	—	—	—	—	—	—	—	—	—
PAD District II												
January	87.1	86.6	70.4	62.0	—	64.8	76.1	76.1	63.8	57.5	—	59.4
February	84.7	84.5	70.7	63.2	—	65.6	73.7	73.5	63.5	58.5	—	60.0
March	85.3	85.0	72.6	61.0	—	64.7	73.5	73.4	65.4	56.5	—	59.0
April	84.5	84.4	73.7	62.8	—	66.8	74.3	74.2	66.7	58.0	—	60.6
May	87.2	86.8	75.1	66.0	—	70.0	77.7	77.3	67.7	61.1	—	63.4
June	87.3	87.0	73.9	64.2	—	68.1	77.7	77.2	66.6	59.9	—	62.1
July	85.0	84.4	72.8	64.3	—	68.5	75.1	74.8	64.8	59.3	—	61.3
August	81.4	81.3	68.5	59.3	—	64.0	71.7	71.5	61.4	54.2	—	56.8
September	80.7	80.6	68.9	59.9	—	64.1	70.7	70.6	61.2	54.8	—	57.1
October	81.4	81.1	NA	59.2	—	63.3	70.9	70.7	61.1	54.4	—	56.5
November	74.5	74.3	63.5	51.9	—	56.6	64.6	64.3	55.1	47.1	—	49.5
December	70.1	70.2	NA	46.5	—	50.7	60.0	60.1	50.0	41.7	—	44.1
1998 Average	82.0	81.9	69.7	59.8	—	63.8	72.2	72.0	62.4	55.2	—	57.5
PAD District III												
January	100.0	100.0	73.6	74.1	—	74.0	82.1	81.9	66.7	66.8	—	66.8
February	96.8	96.8	68.6	70.1	—	69.8	80.2	80.0	62.6	62.8	—	62.7
March	94.4	94.4	W	67.4	—	67.2	79.9	79.9	W	59.9	—	59.7
April	W	W	W	—	—	W	W	W	W	—	—	W
May	W	W	W	—	—	W	W	W	W	—	—	W
June	W	W	W	—	—	W	W	W	W	—	—	W
July	W	W	W	—	—	W	W	W	W	—	—	W
August	—	—	W	—	—	W	—	—	W	—	—	W
September	W	W	W	57.3	—	57.4	W	W	W	50.5	—	50.4
October	85.8	85.8	59.1	60.3	—	60.2	72.9	72.8	51.3	52.4	—	52.3
November	81.1	76.6	58.4	58.7	—	58.7	66.0	64.2	51.4	51.0	—	51.1
December	76.9	74.5	54.6	54.0	—	54.0	62.2	61.9	46.6	46.4	—	46.5
1998 Average	90.1	88.7	64.1	62.2	—	62.5	74.4	73.8	57.1	55.6	—	55.9

See footnotes at end of table.

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

(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
PAD District IV												
January	78.3	77.7	65.7	56.9	—	59.4	90.2	89.7	71.9	60.5	—	64.9
February	69.6	69.2	58.6	54.3	—	55.3	78.5	78.0	63.4	57.5	—	59.3
March	W	W	W	54.3	—	54.4	—	—	W	56.2	—	56.3
April	—	—	—	57.3	—	57.3	—	—	—	59.2	—	59.2
May	—	—	—	60.8	—	60.8	—	—	—	62.8	—	62.8
June	—	—	—	59.3	—	59.3	—	—	—	61.0	—	61.0
July	—	—	—	58.1	—	58.1	—	—	—	59.6	—	59.6
August	—	—	—	53.8	—	53.8	—	—	—	55.4	—	55.4
September	—	—	—	51.7	—	51.7	—	—	—	53.5	—	53.5
October	W	63.4	58.1	52.7	—	53.1	W	W	W	55.8	—	56.7
November	61.7	61.1	54.5	48.5	—	49.8	75.0	74.4	59.8	52.3	—	54.7
December	55.7	55.1	46.6	39.8	—	41.4	67.9	67.1	51.0	43.8	—	46.0
1998 Average	68.2	67.6	57.2	52.2	—	53.1	79.4	78.7	62.6	55.4	—	57.0
PAD District V												
January	82.1	81.4	72.5	63.2	—	68.9	92.4	92.0	79.0	67.6	—	76.0
February	71.6	71.1	64.6	58.2	—	62.1	83.1	83.0	71.3	63.1	—	69.3
March	61.4	61.3	55.7	56.2	—	55.8	72.7	72.6	62.3	58.8	—	61.9
April	W	W	W	W	—	W	W	W	W	W	—	W
May	W	W	W	W	—	W	W	W	W	W	—	W
June	W	W	W	W	—	W	W	W	W	W	—	W
July	W	W	W	W	—	63.5	W	W	W	W	—	W
August	W	W	W	W	—	W	W	W	W	W	—	W
September	W	NA	61.6	57.4	—	60.8	W	NA	68.8	63.8	—	68.0
October	69.3	68.5	60.6	57.6	—	59.5	81.6	80.0	67.6	63.8	—	66.7
November	65.4	64.4	59.5	56.6	—	58.5	77.4	76.5	66.3	62.5	—	65.5
December	64.4	63.2	57.0	52.5	—	55.4	75.9	74.7	64.1	55.2	—	61.9
1998 Average	67.2	66.6	61.7	57.4	—	60.5	78.5	77.8	68.6	62.1	—	67.4

See footnotes at end of table.

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

(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
PAD District IV												
January	97.7	97.4	76.2	65.8	—	69.4	83.1	82.5	68.6	58.6	—	61.7
February	87.7	87.6	69.8	62.9	—	64.8	73.6	73.2	61.4	56.0	—	57.3
March	W	W	W	61.1	—	61.2	W	W	W	55.5	—	55.6
April	—	—	—	64.1	—	64.1	—	—	—	58.4	—	58.4
May	—	—	—	67.3	—	67.3	—	—	—	61.9	—	61.9
June	—	—	—	66.1	—	66.1	—	—	—	60.4	—	60.4
July	—	—	—	64.5	—	64.5	—	—	—	59.1	—	59.1
August	—	—	—	60.4	—	60.4	—	—	—	55.0	—	55.0
September	—	—	—	58.7	—	58.7	—	—	—	53.0	—	53.0
October	W	W	68.0	61.5	—	62.5	W	NA	61.1	54.5	—	55.2
November	81.7	79.9	63.6	58.0	—	59.5	67.1	66.3	57.2	50.5	—	52.2
December	74.7	72.8	56.5	49.2	—	51.4	61.3	60.4	49.4	41.9	—	43.9
1998 Average	86.6	85.3	66.5	59.9	—	61.4	72.9	72.1	59.9	53.8	—	54.9
PAD District V												
January	102.4	101.7	87.1	75.5	—	83.2	85.1	84.3	75.2	64.9	—	71.4
February	92.9	92.6	79.5	70.8	—	76.5	74.8	74.3	67.4	59.9	—	64.6
March	83.0	82.8	70.6	68.1	—	70.1	64.6	64.4	58.6	58.3	—	58.5
April	W	W	75.2	NA	—	75.5	W	W	W	W	—	W
May	W	W	81.1	W	—	81.1	W	W	W	W	—	W
June	W	W	81.1	W	—	81.1	W	W	W	W	—	W
July	W	W	W	79.0	—	80.2	W	W	W	58.9	—	65.9
August	W	W	79.1	NA	—	79.0	W	W	W	W	—	W
September	NA	NA	77.4	70.9	—	76.1	W	NA	64.5	59.9	—	63.7
October	91.4	91.0	73.5	67.7	—	71.6	73.9	72.9	63.9	59.7	—	62.5
November	86.9	86.5	72.9	67.4	—	71.2	69.9	68.7	62.9	58.9	—	61.6
December	85.4	85.0	71.4	64.4	—	69.3	68.3	67.1	60.2	54.3	—	58.2
1998 Average	88.7	88.3	75.8	68.8	—	73.9	70.6	70.0	64.5	59.3	—	63.1

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.

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 Selected States
(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												
January	73.0	72.5	68.2	57.5	55.3	62.2	82.0	81.4	74.0	61.5	W	70.2
February	67.2	66.8	62.0	54.9	53.1	57.9	76.8	76.4	67.7	58.9	W	65.0
March	62.7	62.4	57.3	52.2	49.7	54.3	72.2	71.9	63.2	56.0	W	61.0
April	65.2	65.0	59.8	55.6	53.9	57.3	74.1	73.9	65.6	59.7	W	63.8
May	69.7	69.3	65.1	58.0	53.8	60.7	78.8	78.4	70.9	62.1	W	68.2
June	68.6	68.0	63.7	54.5	48.4	57.8	77.8	77.3	69.8	58.9	W	66.3
July	66.9	66.4	61.6	51.8	47.6	55.5	76.6	76.1	68.0	56.2	W	64.1
August	65.0	64.4	59.4	48.1	45.2	52.8	75.1	74.5	65.7	52.4	W	61.4
September	63.4	63.0	58.4	49.1	46.1	52.8	73.4	73.0	64.6	53.1	W	60.9
October	63.6	63.2	58.9	49.8	46.5	53.4	73.7	73.3	65.2	54.4	NA	61.7
November	62.2	61.7	57.6	46.2	43.3	50.8	72.8	72.3	64.2	50.3	W	59.7
December	59.8	59.2	55.2	41.0	37.5	46.8	70.5	70.0	62.2	45.5	W	56.9
1998 Average	65.6	65.1	60.6	51.4	48.2	55.1	75.2	74.8	66.7	55.6	W	63.2
PAD District I												
January	71.7	71.1	66.3	57.5	52.9	60.6	81.3	80.3	72.7	61.3	—	68.8
February	67.4	66.9	62.0	55.2	50.6	57.4	76.8	76.2	68.5	59.0	—	65.2
March	63.0	62.6	57.8	52.5	47.7	54.3	72.8	72.2	64.3	56.5	—	61.6
April	62.9	62.6	58.5	54.0	49.6	55.2	72.7	72.3	64.9	58.3	—	62.6
May	64.1	63.9	60.5	55.3	49.8	56.6	73.8	73.3	66.7	59.7	—	64.2
June	64.4	64.0	59.9	53.3	46.1	54.6	74.3	73.6	66.2	58.0	—	63.2
July	63.6	63.1	59.1	49.2	45.0	52.4	73.4	72.5	65.4	54.0	—	61.1
August	61.3	60.8	57.0	46.1	42.4	49.9	71.9	71.0	63.6	50.8	—	58.7
September	59.6	59.3	55.7	47.2	43.4	50.2	70.2	69.5	62.1	51.4	—	58.2
October	60.8	60.5	56.9	49.1	45.0	51.8	70.9	70.4	63.1	53.6	—	59.7
November	59.9	59.4	55.2	45.1	40.9	48.5	69.9	69.1	61.8	49.0	—	57.4
December	57.1	56.2	51.4	39.1	33.7	44.0	67.2	66.3	58.5	43.6	—	53.3
1998 Average	62.9	62.5	58.3	50.2	45.6	52.9	72.8	72.1	64.8	54.5	—	61.1
Subdistrict IA												
January	73.7	72.9	66.4	58.3	53.3	61.0	83.7	82.3	74.3	61.8	—	69.0
February	69.2	68.5	62.4	56.3	51.0	58.1	79.3	78.5	70.3	60.1	—	65.9
March	64.1	63.5	57.8	53.9	47.3	55.2	74.6	73.8	65.4	57.4	—	62.0
April	63.5	63.0	57.8	55.2	49.6	55.7	73.5	72.9	65.1	58.9	—	62.5
May	64.6	64.2	60.5	56.1	49.7	57.6	74.2	73.4	67.1	59.9	—	64.2
June	64.8	64.2	59.1	54.3	47.2	55.4	74.8	73.9	66.1	58.6	—	63.0
July	63.8	63.1	58.3	49.2	43.8	51.3	73.5	72.4	65.7	53.1	—	60.2
August	61.4	60.8	55.6	46.4	44.2	50.0	71.9	70.8	63.2	50.2	—	57.5
September	59.6	59.1	54.9	47.6	44.6	50.8	70.3	69.4	62.1	51.4	—	57.5
October	61.5	61.1	56.5	49.2	44.9	51.5	71.7	70.8	63.7	53.0	—	59.2
November	60.9	60.2	54.5	45.9	43.1	49.2	71.1	70.4	62.4	49.3	—	57.1
December	58.5	57.6	50.0	39.4	NA	43.7	69.0	68.2	58.8	43.4	—	52.4
1998 Average	63.7	63.1	57.7	50.9	45.9	53.2	73.8	72.9	65.3	54.7	—	60.8
Connecticut												
January	72.7	72.3	65.1	58.6	53.3	61.0	82.5	80.5	73.2	62.6	—	68.9
February	68.6	68.3	61.3	56.7	W	57.9	78.1	76.8	69.2	61.6	—	66.0
March	64.0	63.7	57.4	54.8	47.4	54.9	74.3	72.7	65.2	59.2	—	62.7
April	63.6	63.4	57.8	55.0	48.7	55.6	73.4	72.2	65.3	59.7	—	63.0
May	64.2	64.0	62.2	55.7	W	57.5	73.8	72.5	67.6	60.6	—	64.8
June	65.0	64.6	58.4	53.9	W	55.3	75.8	74.1	65.3	59.0	—	62.7
July	64.0	63.7	59.9	48.7	44.6	52.5	72.7	70.7	65.9	52.7	—	60.2
August	59.8	59.5	57.1	45.9	W	51.2	70.5	69.0	62.8	50.2	—	57.6
September	57.9	57.7	56.0	47.3	NA	51.8	69.3	67.6	61.8	51.6	—	57.4
October	61.0	60.7	57.2	49.1	W	52.7	71.6	69.9	63.3	53.2	—	59.0
November	61.3	61.0	54.6	45.6	NA	50.3	71.5	69.6	61.4	50.1	—	57.1
December	58.7	58.3	50.8	39.3	35.5	44.6	69.9	67.5	58.0	44.6	—	52.5
1998 Average	63.3	63.0	58.0	50.7	46.8	53.7	73.5	71.8	64.8	55.2	—	60.8

See footnotes at end of table.

**Table 34. Reformulated Motor Gasoline Prices by Grade, Sales Type,
PAD District, and Selected States**
(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												
January	90.1	89.1	80.6	65.9	58.7	74.6	77.4	76.7	72.0	59.3	55.7	65.5
February	84.8	84.1	74.7	63.3	53.3	69.7	71.7	71.2	65.8	56.7	53.1	61.0
March	80.4	79.8	70.3	60.6	50.5	65.5	67.2	66.8	61.3	54.1	49.8	57.4
April	82.3	81.8	72.4	63.9	57.4	68.5	69.6	69.3	63.6	57.5	54.4	60.3
May	86.3	85.7	77.0	66.4	57.1	71.8	74.0	73.6	68.7	60.0	54.3	63.8
June	85.4	84.6	76.0	63.4	54.3	70.5	73.0	72.4	67.5	56.6	49.0	61.3
July	84.8	84.0	74.4	60.6	52.3	68.4	71.6	71.0	65.6	53.9	48.0	59.1
August	82.5	81.7	72.5	57.1	49.1	65.4	69.7	69.1	63.4	50.2	45.7	56.4
September	81.2	80.4	71.3	57.8	48.9	64.7	68.2	67.7	62.4	51.1	46.5	56.2
October	81.7	80.7	71.9	59.2	51.0	65.8	68.5	67.9	63.0	52.1	47.2	56.9
November	80.1	79.3	70.7	54.5	46.1	63.0	67.2	66.6	61.8	48.2	43.8	54.4
December	77.7	76.6	68.3	49.1	41.5	59.8	64.8	64.0	59.4	43.0	38.1	50.7
1998 Average	83.0	82.2	73.3	59.8	51.3	67.1	70.2	69.6	64.5	53.4	48.7	58.5
PAD District I												
January	88.8	87.6	79.2	65.5	56.6	73.1	76.5	75.8	70.8	59.5	53.4	64.4
February	84.7	83.6	74.9	62.7	52.1	69.1	72.3	71.7	66.6	57.0	50.8	61.0
March	80.6	79.5	70.7	60.2	49.0	64.7	68.0	67.4	62.3	54.5	48.0	57.7
April	80.6	79.6	71.4	62.0	53.2	66.9	67.9	67.5	63.1	56.1	50.1	58.7
May	81.6	80.8	73.3	63.9	54.2	68.2	69.1	68.7	65.0	57.6	50.6	60.2
June	81.7	80.7	72.7	62.0	53.0	67.8	69.4	68.9	64.4	55.7	46.7	58.5
July	81.0	79.9	71.9	58.4	50.3	65.8	68.7	68.1	63.6	51.8	45.4	56.4
August	79.6	78.4	70.3	55.4	48.2	63.4	66.9	66.2	61.7	48.6	43.1	54.0
September	78.2	77.2	68.9	56.2	48.9	62.8	65.2	64.7	60.4	49.6	44.2	54.1
October	78.9	77.5	69.8	58.1	50.2	64.0	66.2	65.6	61.4	51.5	45.9	55.6
November	77.8	76.6	68.3	53.3	44.5	61.2	65.2	64.5	59.9	47.3	41.4	52.5
December	74.8	73.4	64.9	47.3	37.5	57.1	62.4	61.5	56.3	41.3	34.3	48.2
1998 Average	80.5	79.4	71.2	58.5	49.9	65.2	68.1	67.5	62.9	52.4	46.2	56.7
Subdistrict IA												
January	92.1	89.6	78.6	66.1	W	70.9	77.7	76.7	69.7	59.9	53.7	63.5
February	87.8	85.6	74.2	63.8	W	68.6	73.3	72.6	65.7	57.9	51.0	60.6
March	83.1	81.2	70.0	61.6	W	65.6	68.4	67.6	61.1	55.5	47.5	57.8
April	82.2	80.7	69.9	62.7	W	65.9	67.6	67.1	61.1	56.9	49.7	58.2
May	83.0	81.5	72.1	64.3	W	67.6	68.7	68.2	63.6	58.0	50.7	60.1
June	83.4	81.6	71.0	62.3	W	66.1	69.0	68.3	62.3	56.2	47.8	58.0
July	82.3	80.5	70.2	58.0	W	63.4	68.1	67.3	61.5	51.3	44.1	54.1
August	80.3	78.5	68.0	55.2	48.9	60.4	65.9	65.2	58.9	48.4	44.9	52.7
September	78.5	77.1	67.5	56.3	W	61.3	64.2	63.6	58.2	49.6	45.2	53.4
October	80.2	77.5	68.7	57.8	W	62.5	65.9	65.1	59.7	51.1	45.4	54.1
November	79.8	77.8	66.9	54.2	W	59.9	65.3	64.5	57.9	47.8	43.4	51.9
December	77.4	75.3	62.8	47.6	36.3	53.8	63.0	62.0	53.5	41.3	NA	46.4
1998 Average	82.2	80.3	69.8	58.8	50.0	63.6	68.0	67.2	60.9	52.7	46.3	55.7
Connecticut												
January	92.8	91.6	79.2	68.6	W	70.6	77.2	76.6	68.6	60.8	53.7	63.6
February	88.1	87.1	75.1	65.8	W	68.8	73.1	72.6	64.8	58.8	48.2	60.7
March	83.9	83.1	71.2	63.5	W	66.5	68.7	68.2	60.9	56.8	47.6	57.6
April	83.3	82.3	71.3	63.9	W	66.1	68.2	67.8	61.2	57.0	49.1	58.3
May	83.9	83.1	73.6	65.1	W	67.5	68.8	68.4	64.9	57.8	50.8	60.1
June	84.7	83.7	72.1	63.4	W	65.5	69.8	69.2	61.7	56.1	49.8	58.0
July	83.5	82.3	72.2	58.5	W	63.2	68.6	68.0	62.8	51.0	45.6	55.2
August	79.7	78.7	68.9	55.6	W	60.8	64.8	64.4	59.9	48.2	45.1	53.7
September	78.1	77.3	69.3	57.1	W	61.6	63.0	62.6	59.0	49.6	W	54.4
October	80.6	79.5	69.7	58.9	W	62.2	65.9	65.4	60.3	51.4	W	55.4
November	81.3	80.1	68.2	55.2	—	61.9	66.3	65.7	57.8	47.9	NA	53.2
December	79.1	78.0	64.9	48.7	W	53.7	64.0	63.2	54.2	41.6	34.9	47.2
1998 Average	82.9	81.9	71.2	59.9	W	63.8	68.1	67.5	61.2	52.8	47.6	56.4

See footnotes at end of table.

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

(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
Maine												
January	72.6	72.3	63.5	58.5	—	59.7	82.6	81.1	68.6	61.0	—	63.3
February	68.0	67.8	60.4	56.9	W	56.3	78.5	77.8	65.6	58.1	—	60.5
March	63.4	63.2	57.1	55.4	—	55.9	74.0	73.7	62.2	56.4	—	58.4
April	64.7	64.6	58.9	55.7	—	56.5	75.1	74.4	63.9	58.0	—	59.9
May	67.8	67.7	61.1	56.9	—	58.0	77.9	77.1	65.7	59.5	—	61.6
June	68.4	68.2	58.6	55.4	—	56.3	78.7	77.3	63.8	57.3	—	59.7
July	67.3	67.1	57.8	50.3	W	52.0	77.7	76.0	62.8	53.8	—	56.7
August	65.5	65.4	54.8	47.4	W	47.9	76.3	74.8	59.9	50.7	—	53.7
September	63.5	63.4	54.8	48.7	—	50.3	74.0	73.5	60.0	52.3	—	54.9
October	64.7	64.5	56.9	50.6	W	50.3	75.4	75.1	61.8	54.3	—	57.0
November	62.2	62.0	54.2	46.6	W	47.8	73.3	73.0	59.5	49.2	—	52.8
December	58.7	58.3	47.2	40.1	—	42.0	69.4	69.2	53.4	41.9	—	45.6
1998 Average	65.5	65.3	57.0	51.8	43.8	52.4	76.0	75.2	62.2	54.4	—	57.0
Massachusetts												
January	74.9	73.5	67.2	58.2	53.3	61.3	85.2	83.9	75.6	61.9	—	70.0
February	70.3	69.1	63.3	56.3	W	58.7	80.9	79.9	71.6	60.2	—	67.1
March	64.8	63.7	58.3	53.6	W	55.7	75.5	74.9	66.2	57.1	—	62.6
April	63.4	62.6	57.8	55.9	W	56.2	73.8	73.2	65.5	59.5	—	63.3
May	64.0	63.3	59.4	56.7	50.1	57.6	74.0	73.3	67.2	60.2	—	64.6
June	63.8	63.0	59.5	55.3	46.5	55.6	73.8	73.2	67.0	59.9	—	64.5
July	63.0	62.0	57.1	49.1	43.2	50.1	73.4	72.6	66.1	53.3	—	61.2
August	61.2	60.3	54.5	46.4	NA	50.2	72.1	71.0	64.1	50.4	—	58.6
September	59.6	58.8	54.3	47.4	43.7	50.5	70.3	69.8	63.0	51.0	—	58.3
October	61.2	60.5	56.1	48.7	W	51.1	71.3	70.8	64.5	52.5	—	60.0
November	60.6	59.4	54.3	45.6	W	48.7	70.8	70.7	63.6	49.0	—	58.0
December	58.5	57.0	49.5	39.4	NA	43.5	68.8	68.7	60.1	43.2	—	53.7
1998 Average	63.6	62.6	57.5	51.0	45.7	53.1	74.0	73.3	66.2	54.9	—	61.9
New Hampshire												
January	74.3	74.0	69.0	60.3	—	65.7	84.2	84.2	75.8	62.0	—	72.2
February	69.4	69.3	64.5	58.3	—	61.9	79.7	80.1	71.3	61.9	—	68.7
March	64.5	64.2	59.5	57.0	—	58.5	75.2	74.9	65.8	58.0	—	64.1
April	64.8	64.5	59.7	56.9	—	58.6	75.5	75.6	65.6	58.4	—	63.9
May	67.4	67.2	62.0	58.8	—	60.8	77.3	77.4	67.7	60.5	—	66.2
June	67.1	66.7	60.4	55.7	W	55.9	77.1	77.1	66.9	57.7	—	64.6
July	65.3	65.1	59.3	49.6	—	55.6	75.6	75.6	65.4	51.3	—	61.9
August	63.5	63.3	56.6	47.0	W	49.1	73.9	73.8	62.7	48.3	—	58.4
September	62.6	62.5	56.4	47.6	W	50.8	73.1	73.2	62.6	50.6	—	59.1
October	63.8	63.7	58.2	48.8	W	52.0	74.2	74.4	64.3	52.0	—	60.9
November	62.8	62.8	56.6	45.9	—	52.1	73.2	72.8	63.2	48.0	—	59.3
December	60.3	60.1	51.8	39.6	—	46.7	70.6	70.4	59.2	41.3	—	54.7
1998 Average	65.4	65.2	59.3	51.5	W	54.8	75.7	75.7	65.9	53.8	—	62.8
Rhode Island												
January	68.9	68.7	65.9	56.6	W	58.8	79.0	78.8	72.9	60.3	—	66.2
February	64.8	64.7	60.6	53.9	W	55.4	74.5	74.4	67.5	57.1	—	62.1
March	60.3	60.2	55.4	50.7	—	52.1	69.7	69.7	61.8	54.1	—	57.7
April	59.3	59.2	55.3	52.3	W	52.3	68.8	68.9	61.7	55.8	—	58.5
May	61.2	61.1	58.2	53.9	—	55.2	70.3	70.4	64.3	57.4	—	60.6
June	61.4	61.3	58.6	50.8	—	53.0	70.8	70.7	65.0	54.5	—	59.0
July	60.6	60.5	57.4	49.6	—	51.8	70.2	70.0	63.8	53.5	—	57.6
August	58.4	58.2	54.4	46.0	—	48.5	67.9	67.6	61.0	49.9	—	54.6
September	56.0	55.9	51.8	47.8	—	49.0	65.8	65.6	58.1	51.7	—	54.7
October	57.3	57.2	54.0	50.0	—	51.3	66.8	66.7	60.5	53.3	—	56.8
November	56.7	56.6	54.5	47.0	W	48.6	66.3	66.0	61.3	48.2	—	54.5
December	54.0	53.8	50.3	38.6	NA	42.0	64.3	64.0	56.9	42.0	—	49.4
1998 Average	59.8	59.7	56.2	49.7	48.2	51.5	69.4	69.2	62.8	53.1	—	57.6

See footnotes at end of table.

**Table 34. Reformulated Motor Gasoline Prices by Grade, Sales Type,
PAD District, and Selected States**

(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
Maine												
January	91.0	90.2	73.8	65.9	—	67.8	75.7	75.3	65.3	59.7	—	61.1
February	87.4	85.7	70.7	63.8	—	65.5	71.3	70.9	62.3	58.0	W	57.8
March	83.0	81.8	67.6	62.2	—	63.6	66.6	66.4	59.0	56.4	—	57.1
April	83.9	83.0	69.2	63.1	—	64.7	67.9	67.7	60.8	56.9	—	57.9
May	86.9	85.8	71.7	65.2	—	66.9	71.1	70.9	63.1	58.4	—	59.6
June	87.6	85.8	69.6	62.6	—	64.6	71.8	71.4	60.6	56.6	—	57.8
July	86.3	84.0	68.8	58.5	—	61.2	70.9	70.5	60.0	51.9	W	53.7
August	84.7	82.5	66.0	55.8	W	56.2	69.3	68.9	57.0	49.1	W	49.5
September	82.7	81.2	65.9	57.0	—	59.3	67.2	66.9	56.9	50.2	—	52.0
October	84.1	83.2	67.2	58.6	—	60.9	68.2	68.0	58.8	52.0	W	52.0
November	81.6	80.7	64.5	53.5	—	56.4	65.8	65.5	56.1	47.9	W	49.3
December	78.1	77.4	57.4	46.7	—	49.4	62.2	61.8	49.2	41.2	—	43.4
1998 Average	84.7	83.3	67.5	59.2	W	61.0	69.0	68.6	59.0	53.1	44.1	54.0
Massachusetts												
January	92.5	88.5	78.2	64.9	W	71.4	79.0	77.4	70.5	59.7	53.8	63.9
February	88.4	84.7	73.8	63.1	—	69.1	74.6	73.2	66.5	57.8	W	61.2
March	83.2	80.2	69.4	60.9	—	65.8	69.1	67.9	61.6	55.2	W	58.3
April	81.7	79.5	69.2	62.5	W	66.1	67.7	66.8	61.1	57.5	50.3	58.7
May	82.0	79.9	71.2	64.0	—	68.0	68.3	67.4	62.8	58.5	50.1	60.3
June	82.2	79.8	70.4	62.2	—	66.8	68.2	67.2	62.7	57.1	46.5	58.4
July	81.2	78.8	69.1	57.3	W	63.8	67.5	66.3	60.8	51.2	43.2	53.1
August	80.1	77.3	67.6	54.6	50.5	60.9	65.9	64.8	58.4	48.5	NA	53.2
September	78.1	76.0	66.9	55.6	W	61.4	64.2	63.3	57.9	49.4	43.9	53.4
October	79.4	74.9	68.1	56.7	—	62.9	65.6	64.3	59.5	50.6	W	53.9
November	78.8	75.9	66.1	53.8	W	59.3	65.0	63.7	57.8	47.7	W	51.4
December	76.6	73.3	61.8	47.5	W	54.5	63.0	61.4	53.2	41.4	NA	46.5
1998 Average	81.7	78.9	69.2	58.3	49.9	63.9	68.0	66.8	61.0	52.8	45.8	55.9
New Hampshire												
January	92.5	92.3	81.7	66.2	—	76.6	77.8	77.6	71.8	61.3	—	68.1
February	88.0	87.9	77.0	62.7	—	71.7	73.2	73.2	67.4	59.2	—	64.2
March	83.7	83.2	72.1	61.4	—	68.3	68.2	68.0	62.4	57.7	—	60.7
April	84.1	84.0	72.0	62.3	—	68.6	68.6	68.3	62.5	57.9	—	60.8
May	86.1	85.9	74.0	64.4	—	70.8	71.1	70.9	64.8	59.9	—	63.1
June	85.6	85.2	72.6	61.8	—	68.8	70.8	70.5	63.3	56.9	W	58.3
July	83.8	83.4	71.3	55.6	—	65.5	69.2	69.0	62.2	50.8	—	58.0
August	82.3	82.2	68.6	54.4	—	63.1	67.5	67.3	59.5	48.4	W	51.5
September	81.6	81.5	68.4	55.2	—	63.1	66.7	66.6	59.2	49.0	W	53.1
October	83.4	83.3	70.8	56.0	—	65.4	67.7	67.8	61.1	50.2	W	54.4
November	81.7	81.6	68.7	52.3	—	62.4	66.8	66.7	59.5	47.0	—	54.5
December	78.1	78.1	63.6	45.8	—	56.6	64.1	63.9	54.6	40.8	—	49.0
1998 Average	84.0	83.8	71.5	57.4	—	66.3	69.2	69.0	62.2	52.6	W	57.2
Rhode Island												
January	86.4	85.9	78.8	64.9	—	69.8	72.8	72.7	69.5	58.3	W	61.4
February	82.3	82.0	73.6	62.0	—	66.1	68.7	68.6	64.2	55.6	W	57.7
March	78.1	77.5	68.3	59.2	—	62.3	64.2	64.1	58.9	52.5	—	54.6
April	77.1	76.7	68.3	60.9	—	63.5	63.3	63.2	58.8	54.2	W	54.6
May	78.3	78.0	71.3	62.8	W	65.3	65.0	65.0	61.7	55.8	W	57.7
June	78.6	78.2	71.6	60.3	—	64.0	65.3	65.2	62.1	52.9	—	55.7
July	78.2	77.7	70.5	59.1	—	62.7	64.7	64.6	61.1	51.9	—	54.7
August	76.6	76.2	67.5	55.8	—	59.6	62.6	62.4	58.1	48.3	—	51.4
September	74.5	74.2	64.8	57.2	—	59.8	60.2	60.2	55.3	49.9	—	51.7
October	75.4	75.1	67.1	58.8	—	61.8	61.4	61.3	57.6	51.9	—	53.9
November	74.8	74.5	67.7	53.9	—	58.6	60.8	60.6	58.2	48.5	W	51.1
December	72.2	71.7	63.4	47.1	—	52.9	58.2	58.0	53.9	40.5	NA	44.8
1998 Average	77.5	77.2	69.2	58.3	W	62.0	63.8	63.7	59.8	51.6	48.3	54.0

See footnotes at end of table.

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

(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 IB												
January	70.9	70.5	66.4	57.6	52.9	60.6	80.5	79.7	72.5	61.4	—	69.4
February	66.4	66.1	62.0	54.8	50.5	57.2	75.7	75.1	68.2	58.6	—	65.4
March	62.3	62.1	57.8	51.8	47.8	53.9	71.7	71.2	64.2	56.2	—	61.8
April	62.2	62.2	58.9	53.0	49.7	54.7	72.0	71.7	65.0	57.6	—	62.8
May	63.5	63.5	60.7	54.5	49.8	55.9	73.4	73.0	66.9	59.4	—	64.5
June	64.1	63.9	60.4	52.7	45.8	54.0	74.0	73.4	66.4	57.6	—	63.6
July	63.3	62.9	59.6	48.9	45.9	52.8	73.2	72.5	65.5	54.0	—	61.6
August	61.4	61.0	58.0	45.9	42.0	49.7	71.9	71.0	64.0	50.7	—	59.6
September	60.1	59.8	56.4	47.0	43.3	49.9	70.5	69.9	62.5	51.4	—	58.9
October	60.8	60.6	57.3	49.0	45.0	51.9	70.9	70.4	63.2	53.8	—	60.4
November	59.9	59.5	55.8	45.1	40.3	48.3	69.9	69.2	62.0	49.6	—	58.3
December	56.8	56.1	52.4	39.2	33.5	44.4	67.0	66.0	58.8	44.2	—	54.5
1998 Average	62.6	62.3	58.8	49.9	45.5	52.7	72.5	71.9	64.9	54.4	—	61.7
Delaware												
January	70.7	70.3	61.7	55.0	—	57.6	81.3	80.7	67.6	58.5	—	63.1
February	65.4	65.0	57.4	52.9	—	54.8	77.2	76.5	63.3	56.5	—	60.2
March	61.1	60.9	53.6	49.0	—	51.0	73.0	72.4	59.6	53.3	—	56.8
April	60.5	60.5	54.6	50.1	—	51.9	72.3	71.7	61.8	54.2	—	58.1
May	61.1	61.2	56.3	50.7	—	52.8	73.0	72.3	63.3	55.3	—	59.1
June	61.5	61.3	56.3	49.3	—	51.9	72.9	72.3	63.2	53.6	—	57.9
July	60.4	60.2	54.7	47.2	—	50.1	71.8	70.9	61.6	51.4	—	56.0
August	58.5	58.0	52.5	44.2	—	47.4	70.6	69.9	59.6	48.4	—	53.5
September	57.1	56.8	51.4	45.1	—	47.6	69.2	68.3	58.3	48.7	—	53.1
October	58.4	58.2	54.4	47.8	—	50.5	69.6	68.9	61.2	51.4	—	56.1
November	58.1	57.5	53.4	44.9	—	48.8	69.1	68.2	60.4	48.4	—	54.7
December	53.7	53.0	49.3	38.5	—	43.4	64.5	63.6	56.5	42.1	—	49.5
1998 Average	60.4	60.1	54.6	48.0	—	50.7	71.9	71.1	61.4	51.8	—	56.5
District of Columbia												
January	W	65.7	69.2	—	—	69.2	W	76.7	73.8	—	—	73.8
February	W	62.8	64.9	—	—	64.9	W	73.6	NA	—	—	NA
March	W	60.6	61.2	—	—	61.2	W	69.2	NA	—	—	NA
April	W	61.4	61.9	—	—	61.9	W	70.7	NA	—	—	NA
May	W	62.7	63.6	—	—	63.6	W	71.6	NA	—	—	NA
June	W	61.5	63.4	—	—	63.4	W	70.5	NA	—	—	NA
July	W	59.2	62.9	—	—	62.9	W	69.6	NA	—	—	NA
August	W	57.7	61.9	—	—	61.9	W	68.9	NA	—	—	NA
September	W	56.2	60.1	—	—	60.1	W	67.8	NA	—	—	NA
October	W	56.9	60.3	—	—	60.3	W	68.4	NA	—	—	NA
November	W	53.6	58.3	—	—	58.3	W	64.7	NA	—	—	NA
December	W	49.3	55.5	—	—	55.5	W	59.9	NA	—	—	NA
1998 Average	W	59.0	62.0	—	—	62.0	W	69.3	66.7	—	—	66.7
Maryland												
January	71.8	70.0	65.9	54.1	W	62.1	80.1	77.0	71.2	57.5	—	68.3
February	68.7	66.9	61.8	52.1	W	58.7	77.0	74.0	67.1	55.3	—	64.5
March	64.9	63.3	58.5	50.5	W	55.6	74.1	71.5	63.7	54.9	—	61.5
April	64.9	63.7	59.2	53.5	W	57.3	73.5	71.7	64.5	57.9	—	62.8
May	66.5	65.2	60.3	55.2	W	58.3	75.1	73.0	65.9	59.5	—	64.2
June	66.1	64.7	60.5	52.6	W	57.4	75.1	72.5	66.0	57.2	—	63.7
July	65.0	63.6	59.8	50.9	—	56.7	73.9	71.5	65.4	55.8	—	62.8
August	61.3	60.0	57.9	46.2	W	53.6	71.6	68.5	63.7	50.6	—	60.2
September	59.5	58.1	56.0	46.3	—	52.6	70.0	67.6	61.8	50.1	—	58.9
October	60.0	58.9	56.4	49.5	—	54.0	70.3	68.2	62.0	54.4	—	60.1
November	57.5	56.3	54.5	43.6	W	50.6	68.2	66.0	60.6	48.4	—	57.7
December	52.9	51.4	51.0	38.3	34.1	46.3	63.6	61.1	57.5	43.2	—	54.1
1998 Average	63.1	61.7	58.5	49.3	45.2	55.2	72.5	70.1	64.1	53.8	—	61.5

See footnotes at end of table.

**Table 34. Reformulated Motor Gasoline Prices by Grade, Sales Type,
PAD District, and Selected States**

(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 IB												
January	88.2	87.4	79.7	65.3	56.9	74.2	76.5	75.9	71.5	59.7	53.3	65.0
February	83.8	83.0	75.4	62.0	52.2	69.5	72.0	71.5	67.2	56.8	50.8	61.3
March	79.7	78.9	71.2	59.3	48.9	64.4	67.9	67.5	62.9	53.9	48.1	57.8
April	79.9	79.1	72.1	60.9	53.6	67.2	67.9	67.6	64.0	55.3	50.2	58.8
May	81.0	80.4	73.9	63.2	53.9	68.4	69.2	69.0	65.8	57.0	50.6	60.1
June	81.2	80.4	73.5	61.4	52.9	68.5	69.8	69.3	65.5	55.3	46.4	58.6
July	80.7	79.8	72.7	58.0	50.0	66.7	69.1	68.6	64.7	51.6	46.3	57.4
August	79.3	78.4	71.2	55.1	47.9	64.6	67.5	66.9	63.1	48.6	42.6	54.5
September	78.6	77.7	69.6	56.0	49.0	63.6	66.3	65.8	61.6	49.6	44.1	54.5
October	78.7	77.9	70.5	58.0	50.0	64.5	66.8	66.3	62.4	51.6	46.1	56.3
November	77.6	76.7	69.0	53.0	44.1	61.9	65.9	65.3	61.0	47.5	40.8	52.9
December	74.9	73.6	65.9	47.1	37.9	58.6	63.0	62.0	57.8	41.6	34.1	49.4
1998 Average	80.2	79.3	72.0	58.1	49.9	65.9	68.5	67.9	63.9	52.3	46.1	57.1
Delaware												
January	90.1	88.8	75.0	63.9	—	68.4	75.3	74.6	65.0	56.9	—	60.2
February	85.0	83.8	70.7	61.3	—	65.6	70.1	69.5	60.6	54.7	—	57.3
March	80.8	79.7	66.9	58.3	—	62.3	65.9	65.4	56.7	51.0	—	53.7
April	80.1	79.4	68.9	59.5	—	63.6	65.3	65.0	58.2	52.1	—	54.7
May	81.4	80.5	70.7	60.8	—	64.9	66.1	65.9	59.8	52.8	—	55.5
June	81.6	80.6	70.6	59.4	—	63.9	66.3	65.9	59.9	51.4	—	54.7
July	80.2	79.3	69.0	56.9	—	61.7	65.6	65.1	58.4	49.4	—	52.9
August	78.8	77.8	66.9	54.0	—	59.0	63.7	63.1	56.1	46.5	—	50.2
September	77.9	77.1	65.6	54.5	—	59.1	62.4	61.8	55.0	47.2	—	50.4
October	78.3	77.5	68.3	56.9	—	61.8	63.3	62.9	57.9	49.8	—	53.2
November	77.6	76.4	67.6	53.7	—	60.2	62.9	62.2	57.0	46.9	—	51.6
December	73.6	72.3	63.5	46.8	—	54.4	58.6	57.7	52.9	40.5	—	46.2
1998 Average	80.1	79.1	68.5	57.2	—	62.0	65.3	64.8	58.1	50.0	—	53.4
District of Columbia												
January	W	80.9	77.4	—	—	77.4	W	71.2	73.8	—	—	73.8
February	W	76.3	NA	—	—	NA	W	68.0	69.8	—	—	69.8
March	W	74.1	NA	—	—	NA	W	65.3	66.1	—	—	66.1
April	W	75.5	NA	—	—	NA	W	66.7	66.8	—	—	66.8
May	W	76.6	NA	—	—	NA	W	67.9	68.5	—	—	68.5
June	W	75.6	NA	—	—	NA	W	66.9	68.4	—	—	68.4
July	W	73.7	NA	—	—	NA	W	64.9	67.8	—	—	67.8
August	W	73.6	NA	W	—	NA	W	63.7	NA	W	—	NA
September	W	72.5	NA	—	—	NA	W	62.2	65.0	—	—	65.0
October	W	72.2	NA	—	—	NA	W	62.7	NA	—	—	NA
November	W	68.2	NA	—	—	NA	W	59.5	NA	—	—	NA
December	W	64.5	NA	—	—	NA	W	55.3	60.9	—	—	60.9
1998 Average	W	73.5	70.7	W	—	70.7	W	64.5	66.9	W	—	66.9
Maryland												
January	85.9	83.8	75.3	62.9	—	72.3	75.8	73.8	69.2	56.3	W	65.5
February	82.7	80.5	71.4	60.3	—	68.7	72.6	70.6	65.2	54.2	W	62.1
March	80.2	77.4	67.9	59.4	—	65.6	69.1	67.2	61.9	52.9	W	59.0
April	79.1	76.7	68.6	62.8	—	67.1	68.9	67.5	62.5	56.1	W	60.5
May	81.4	79.6	70.1	64.7	W	68.1	70.6	69.2	63.8	57.8	W	61.6
June	81.2	78.8	70.2	62.1	W	67.6	70.3	68.8	64.0	55.3	W	60.9
July	80.1	77.8	69.5	60.6	—	67.0	69.2	67.7	63.4	53.7	—	60.2
August	77.3	74.9	67.8	55.9	—	64.5	66.0	64.5	61.6	48.8	W	57.3
September	75.6	73.2	66.1	55.2	W	62.7	64.4	62.8	59.7	48.7	W	56.2
October	75.8	73.7	66.9	59.3	—	64.9	64.7	63.3	60.1	52.2	—	57.7
November	73.4	71.4	65.0	53.0	—	61.8	62.4	60.8	58.4	46.2	W	54.5
December	68.9	66.7	61.9	47.7	W	57.5	57.7	55.9	55.0	40.9	34.9	50.3
1998 Average	78.2	76.0	68.3	58.6	48.0	65.5	67.4	65.9	62.0	51.9	45.9	58.7

See footnotes at end of table.

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

(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
New Jersey												
January	71.5	71.7	66.9	58.3	52.8	58.9	82.6	82.6	73.1	63.8	—	70.1
February	66.5	66.8	62.1	55.0	50.4	55.6	76.9	77.3	68.6	60.2	—	65.6
March	62.4	62.7	57.7	51.9	47.9	52.7	72.4	72.7	64.1	56.9	—	61.5
April	62.5	63.0	59.0	52.7	49.7	53.3	73.3	73.7	65.0	58.2	—	62.6
May	63.6	64.0	61.0	54.4	49.8	54.4	74.3	74.5	66.9	60.0	—	64.5
June	64.3	64.5	60.5	52.8	45.7	51.6	75.0	75.2	66.2	58.3	—	63.3
July	63.6	63.7	59.3	48.3	46.3	50.9	74.5	74.5	64.9	54.1	—	60.4
August	62.5	62.5	58.0	46.0	42.0	47.4	73.8	73.6	63.6	51.7	—	58.8
September	61.4	61.5	57.0	47.4	43.3	48.2	72.5	72.6	62.7	52.7	—	58.8
October	62.1	62.4	58.0	48.9	45.0	50.4	73.0	73.3	63.5	54.1	—	60.1
November	62.2	62.1	56.8	45.3	40.2	46.1	72.8	72.7	62.7	50.0	—	58.0
December	59.8	59.4	53.8	39.3	33.5	42.4	71.0	70.4	60.1	44.3	—	54.4
1998 Average	63.5	63.7	59.1	49.9	45.4	50.9	74.3	74.4	65.1	55.1	—	61.4
New York												
January	74.3	73.7	71.1	59.2	54.5	65.1	83.5	82.5	77.3	62.1	—	74.0
February	71.2	70.8	67.2	56.2	51.5	61.5	80.3	79.3	73.3	59.2	—	70.3
March	66.5	66.1	62.3	52.2	46.5	57.0	76.2	75.0	68.8	56.3	—	66.1
April	65.5	65.3	62.8	53.4	49.6	57.9	75.9	75.1	69.2	56.9	—	66.6
May	66.0	65.8	63.7	54.7	49.6	58.5	75.7	74.9	71.1	58.7	—	68.1
June	66.2	65.9	63.0	52.8	47.3	57.8	76.0	75.0	69.8	57.3	—	66.7
July	65.5	65.1	62.9	48.9	42.1	55.1	75.3	74.2	69.2	53.2	—	65.0
August	64.0	63.5	61.4	45.6	41.4	53.5	73.9	72.6	67.7	49.1	—	63.3
September	63.2	62.8	59.7	47.2	44.1	53.3	73.2	72.1	66.1	50.1	—	62.2
October	64.1	63.8	60.4	49.8	45.7	54.9	73.7	72.8	67.0	54.9	—	64.4
November	62.9	62.5	59.0	46.2	42.3	52.8	72.4	71.4	65.5	51.3	—	62.6
December	60.6	59.9	55.7	40.2	35.0	48.3	70.2	68.7	62.2	47.2	—	59.2
1998 Average	65.9	65.5	62.4	50.5	46.2	56.3	75.5	74.4	68.9	54.6	—	65.7
Pennsylvania												
January	65.9	65.5	59.9	57.6	—	59.0	75.8	75.5	65.1	61.6	—	63.9
February	59.9	59.8	55.4	55.5	—	55.4	69.8	69.6	61.0	58.8	—	60.1
March	56.5	56.4	51.1	53.9	—	52.1	66.3	66.1	56.9	57.2	—	57.0
April	57.2	57.2	53.0	54.5	W	53.2	67.0	66.9	58.3	57.6	—	58.1
May	59.9	59.9	56.6	55.9	W	56.3	70.0	69.8	61.2	60.3	—	60.9
June	61.5	61.2	57.1	54.3	—	55.9	71.3	71.0	61.4	58.4	—	60.2
July	60.5	60.0	56.0	48.8	W	53.0	70.4	69.9	60.7	53.2	—	57.9
August	58.0	57.5	53.7	46.3	W	50.7	68.9	68.5	58.7	50.5	—	55.6
September	56.0	55.8	51.5	47.1	W	49.7	66.9	66.5	56.7	52.0	—	54.9
October	56.5	56.3	52.6	48.3	W	50.8	67.1	66.9	57.9	52.6	—	55.9
November	55.6	55.3	50.6	44.6	—	48.3	66.1	65.8	56.1	48.9	—	53.4
December	51.9	51.5	46.7	38.8	—	43.5	62.7	62.4	52.1	43.2	—	48.7
1998 Average	58.3	58.0	53.7	50.3	46.5	52.3	68.4	68.2	58.8	54.5	—	57.2
Subdistrict IC												
January	68.9	68.5	64.6	55.1	—	59.2	78.7	78.2	70.5	59.9	—	66.1
February	65.7	65.2	60.9	52.9	—	56.3	75.6	74.8	66.6	57.7	—	62.7
March	62.3	61.9	57.6	50.8	W	53.6	72.7	72.0	63.2	55.6	—	59.8
April	63.5	63.3	58.9	54.5	—	56.3	73.2	72.8	64.0	59.1	—	61.8
May	64.9	64.5	59.9	55.9	—	57.6	74.4	74.0	65.1	60.3	—	62.9
June	64.4	63.9	59.6	52.8	—	55.6	74.1	73.6	64.9	58.2	—	61.9
July	63.8	63.3	58.5	50.8	—	54.0	73.4	73.1	64.1	56.1	—	60.5
August	60.8	60.3	56.6	46.2	—	50.4	71.9	71.3	62.3	52.3	—	57.6
September	58.2	57.8	54.5	46.7	—	49.9	68.7	68.1	60.1	51.5	—	56.2
October	59.2	58.9	55.8	49.0	—	51.9	69.7	69.3	61.2	53.8	—	58.0
November	57.2	56.7	53.9	42.6	—	47.4	67.4	66.6	59.7	46.9	—	54.2
December	53.9	53.3	49.8	37.6	—	42.7	64.2	63.7	56.0	42.4	—	49.9
1998 Average	61.9	61.4	57.5	49.5	W	52.9	71.9	71.3	63.1	54.4	—	59.2

See footnotes at end of table.

**Table 34. Reformulated Motor Gasoline Prices by Grade, Sales Type,
PAD District, and Selected States**

(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
New Jersey												
January	90.4	90.3	80.6	65.9	56.7	72.9	77.5	77.6	71.8	60.7	53.1	62.8
February	85.3	85.4	76.0	62.2	52.5	68.5	72.5	72.7	67.1	57.2	50.6	59.3
March	81.4	81.4	71.5	59.4	48.7	63.3	68.4	68.6	62.6	54.1	48.1	56.0
April	81.7	81.8	72.6	60.9	52.9	66.6	68.7	69.0	63.9	55.1	49.9	56.8
May	82.9	83.0	74.5	63.2	53.5	67.0	69.8	70.1	65.9	57.0	50.3	58.0
June	83.2	83.1	73.9	61.5	52.8	67.7	70.4	70.5	65.4	55.4	46.0	55.5
July	82.7	82.5	72.9	57.8	49.9	65.0	69.9	69.9	64.3	51.2	46.6	54.8
August	81.7	81.5	71.7	55.7	47.8	62.8	69.0	68.8	63.0	49.0	42.5	51.5
September	80.9	80.8	70.6	56.6	49.0	62.2	67.9	67.9	62.0	50.1	43.9	52.0
October	81.4	81.4	71.4	57.3	50.1	63.5	68.5	68.7	62.9	51.4	45.7	54.3
November	80.9	80.7	70.4	52.3	42.9	59.5	68.4	68.3	61.8	47.5	40.5	49.9
December	78.9	78.4	67.8	45.8	37.4	56.9	66.3	65.7	59.0	41.3	33.9	46.8
1998 Average	82.5	82.4	72.8	58.0	49.2	64.5	69.7	69.8	64.1	52.3	45.8	54.7
New York												
January	88.7	87.8	83.7	65.5	57.6	78.0	80.0	79.2	77.3	61.1	55.7	70.8
February	85.6	84.4	79.6	62.2	51.8	71.7	76.9	76.2	73.4	58.0	51.7	66.4
March	80.5	79.4	75.0	58.2	49.2	65.4	72.2	71.4	68.6	54.1	48.5	61.4
April	80.7	79.7	75.6	59.7	54.1	68.6	71.7	71.1	69.2	55.4	52.5	63.0
May	80.7	79.9	77.2	61.9	54.4	70.4	72.1	71.6	70.5	57.0	51.9	64.0
June	80.7	79.8	76.2	60.5	53.0	70.2	72.3	71.6	69.6	55.4	50.6	63.5
July	80.3	79.2	75.5	57.0	50.4	69.3	71.7	71.0	69.3	51.7	44.3	61.4
August	78.7	77.7	74.3	53.4	48.2	67.4	70.3	69.5	67.9	48.2	44.0	59.9
September	79.1	78.1	72.5	55.2	49.6	66.4	69.8	69.1	66.2	49.8	46.4	59.3
October	79.0	78.0	73.3	58.1	49.9	66.0	70.4	69.8	66.9	52.6	48.3	60.4
November	77.6	76.6	71.6	53.7	48.3	65.6	69.1	68.4	65.4	48.7	45.3	58.8
December	75.2	73.7	68.3	49.0	40.7	62.3	66.9	65.7	62.1	43.2	37.6	54.9
1998 Average	80.5	79.4	75.1	57.6	51.0	68.3	72.0	71.2	68.8	52.8	48.8	61.9
Pennsylvania												
January	83.8	82.8	71.7	66.0	—	70.0	71.1	70.6	63.5	59.7	—	62.1
February	77.6	76.8	67.3	63.3	—	66.1	65.2	64.8	59.1	57.4	—	58.5
March	74.3	73.7	63.1	61.7	W	62.5	61.8	61.5	54.8	55.8	W	55.1
April	75.1	74.5	64.9	62.5	—	64.1	62.5	62.3	56.6	56.4	W	56.2
May	77.4	76.8	68.5	65.4	W	67.3	65.1	64.9	60.1	58.3	W	59.4
June	78.6	77.8	69.1	63.9	W	67.1	66.6	66.2	60.6	56.6	W	59.0
July	77.9	76.8	68.0	59.0	—	65.0	65.9	65.2	59.6	51.3	W	56.4
August	76.5	75.5	65.8	56.9	—	62.9	63.9	63.2	57.4	48.9	W	54.1
September	74.6	73.7	63.4	57.5	—	61.5	61.9	61.5	55.2	49.7	W	53.0
October	74.7	73.9	64.5	58.8	W	62.7	62.2	61.8	56.3	50.9	W	54.1
November	73.9	73.0	62.5	53.9	W	59.2	61.3	60.9	54.4	47.0	W	51.6
December	70.5	69.5	58.7	47.0	W	54.7	57.8	57.2	50.5	41.0	W	46.8
1998 Average	76.1	75.3	65.5	59.4	47.9	63.4	63.7	63.3	57.3	52.6	46.9	55.5
Subdistrict IC												
January	85.9	85.0	76.2	65.0	—	71.4	73.9	73.3	68.9	57.7	—	63.2
February	82.9	82.2	72.1	62.8	—	68.0	70.7	70.2	65.0	55.5	—	60.1
March	80.0	79.0	68.7	60.8	—	65.2	67.5	67.0	61.8	53.5	W	57.3
April	80.9	79.6	69.6	64.8	W	67.2	68.6	68.2	62.8	57.1	W	59.8
May	81.4	80.9	70.9	66.2	W	68.7	69.8	69.4	64.0	58.6	W	61.1
June	80.8	80.0	70.7	63.7	—	67.6	69.3	68.8	63.7	55.8	—	59.5
July	80.3	79.6	69.9	61.6	W	66.1	68.8	68.3	62.8	53.8	W	58.0
August	79.2	78.5	68.1	57.5	—	63.0	67.0	66.4	60.9	49.4	—	54.6
September	76.0	75.3	65.6	56.6	W	61.2	64.1	63.5	58.8	49.4	W	53.7
October	77.3	75.9	66.7	59.3	W	63.3	64.9	64.3	59.9	51.8	W	55.7
November	74.9	74.1	65.4	52.3	—	59.7	62.7	62.1	58.4	45.2	—	51.6
December	70.2	69.5	61.5	47.5	—	55.3	59.3	58.6	54.4	40.4	—	47.0
1998 Average	78.9	78.0	68.6	59.7	50.1	64.5	67.1	66.6	61.7	52.3	48.2	56.7

See footnotes at end of table.

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

(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
Virginia												
January	68.9	68.5	64.6	55.1	—	59.2	78.7	78.2	70.5	59.9	—	66.1
February	65.7	65.2	60.9	52.9	—	56.3	75.6	74.8	66.6	57.7	—	62.7
March	62.3	61.9	57.6	50.8	W	53.6	72.7	72.0	63.2	55.6	—	59.8
April	63.5	63.3	58.9	54.5	—	56.3	73.2	72.8	64.0	59.1	—	61.8
May	64.9	64.5	59.9	55.9	—	57.6	74.4	74.0	65.1	60.3	—	62.9
June	64.4	63.9	59.6	52.8	—	55.6	74.1	73.6	64.9	58.2	—	61.9
July	63.8	63.3	58.5	50.8	—	54.0	73.4	73.1	64.1	56.1	—	60.5
August	60.8	60.3	56.6	46.2	—	50.4	71.9	71.3	62.3	52.3	—	57.6
September	58.2	57.8	54.5	46.7	—	49.9	68.7	68.1	60.1	51.5	—	56.2
October	59.2	58.9	55.8	49.0	—	51.9	69.7	69.3	61.2	53.8	—	58.0
November	57.2	56.7	53.9	42.6	—	47.4	67.4	66.6	59.7	46.9	—	54.2
December	53.9	53.3	49.8	37.6	—	42.7	64.2	63.7	56.0	42.4	—	49.9
1998 Average	61.9	61.4	57.5	49.5	W	52.9	71.9	71.3	63.1	54.4	—	59.2
PAD District II												
January	68.1	67.9	61.5	55.0	—	58.3	74.5	74.3	67.5	58.5	—	64.9
February	66.2	66.1	59.8	56.0	—	57.9	75.2	74.9	65.9	59.3	—	63.9
March	64.7	64.6	59.3	53.7	W	56.5	74.3	74.0	65.4	57.0	—	62.9
April	68.6	68.5	63.1	59.0	W	61.0	77.8	77.6	68.9	62.5	—	67.0
May	73.5	73.4	66.8	63.9	W	65.3	82.7	82.4	72.4	67.7	—	71.0
June	72.4	72.3	65.4	60.5	W	62.9	81.4	81.1	71.8	63.9	—	69.1
July	71.9	71.7	62.8	58.5	W	60.7	81.9	81.4	70.1	61.3	—	67.2
August	67.4	67.2	58.8	51.3	W	55.0	77.3	76.7	66.2	54.3	—	62.3
September	65.6	65.4	58.1	52.8	—	55.4	75.4	74.9	64.6	55.8	—	61.7
October	66.0	65.7	58.4	52.5	W	55.4	75.2	74.9	65.1	56.0	—	62.2
November	62.0	61.8	53.6	46.7	—	50.1	72.1	71.7	61.4	49.9	—	57.7
December	56.6	56.4	49.1	41.3	—	45.1	66.4	66.0	56.6	44.3	—	52.8
1998 Average	66.8	66.7	59.8	54.2	W	57.0	76.0	75.7	66.4	57.6	—	63.6
Illinois												
January	68.3	68.1	61.8	55.1	—	59.3	74.1	73.8	67.4	58.1	—	65.8
February	65.8	65.7	59.9	56.2	—	58.5	75.0	74.7	65.6	59.2	—	64.5
March	64.7	64.7	60.2	54.1	—	57.9	74.7	74.3	65.5	57.1	—	64.0
April	68.7	68.7	64.0	59.6	W	62.2	78.0	77.7	69.2	63.0	—	68.1
May	73.5	73.5	NA	64.8	W	66.6	82.8	82.4	NA	68.4	—	72.3
June	73.1	73.0	67.2	61.4	W	64.9	81.9	81.5	73.0	65.0	—	71.3
July	73.2	73.0	64.3	58.6	W	62.0	83.5	82.6	71.1	62.2	—	69.4
August	69.8	69.5	60.9	51.8	W	57.0	79.7	78.8	67.4	55.3	—	65.1
September	67.9	67.7	60.1	53.3	—	57.4	77.7	76.9	65.9	56.9	—	64.1
October	67.4	67.2	60.0	52.6	W	56.8	76.6	76.1	66.0	56.3	—	64.1
November	63.9	63.6	55.6	46.8	—	51.9	73.9	73.3	62.5	50.2	—	60.1
December	58.8	58.6	51.5	41.5	—	47.2	68.9	68.3	58.0	44.6	—	55.5
1998 Average	67.9	67.8	61.2	54.5	W	58.5	77.1	76.6	67.1	58.1	—	65.4
Indiana												
January	65.0	65.3	60.7	55.8	—	57.3	72.1	72.1	65.2	59.7	—	61.6
February	65.4	65.6	60.8	56.9	—	58.1	73.5	73.3	NA	60.9	—	62.4
March	64.4	64.0	59.6	54.9	—	56.3	73.2	72.8	NA	58.5	—	60.7
April	65.0	65.1	61.9	59.8	—	60.6	75.0	74.7	66.8	63.5	—	64.9
May	72.3	72.4	65.7	65.3	—	65.4	81.9	81.4	69.6	69.5	—	69.5
June	67.6	67.8	62.7	61.5	—	62.0	76.8	76.7	68.5	65.2	—	66.4
July	67.0	67.1	61.4	59.0	—	60.0	76.3	76.1	66.9	62.6	—	64.2
August	61.3	61.5	56.1	52.0	—	53.8	71.0	70.8	62.3	55.8	—	58.4
September	59.4	59.7	56.0	53.4	—	54.5	69.9	69.8	60.8	57.0	—	58.4
October	61.1	61.3	56.8	52.9	—	54.4	70.7	70.5	62.0	56.6	—	58.5
November	57.2	57.4	53.3	46.9	—	49.3	67.2	67.0	59.1	50.3	—	53.4
December	52.8	52.8	47.9	41.6	—	44.0	61.3	61.1	53.8	45.0	—	48.2
1998 Average	63.0	63.2	58.2	54.8	—	56.1	72.0	71.9	63.8	58.3	—	60.4

See footnotes at end of table.

**Table 34. Reformulated Motor Gasoline Prices by Grade, Sales Type,
PAD District, and Selected States**

(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
Virginia												
January	85.9	85.0	76.2	65.0	—	71.4	73.9	73.3	68.9	57.7	—	63.2
February	82.9	82.2	72.1	62.8	—	68.0	70.7	70.2	65.0	55.5	—	60.1
March	80.0	79.0	68.7	60.8	—	65.2	67.5	67.0	61.8	53.5	W	57.3
April	80.9	79.6	69.6	64.8	W	67.2	68.6	68.2	62.8	57.1	W	59.8
May	81.4	80.9	70.9	66.2	W	68.7	69.8	69.4	64.0	58.6	W	61.1
June	80.8	80.0	70.7	63.7	—	67.6	69.3	68.8	63.7	55.8	—	59.5
July	80.3	79.6	69.9	61.6	W	66.1	68.8	68.3	62.8	53.8	W	58.0
August	79.2	78.5	68.1	57.5	—	63.0	67.0	66.4	60.9	49.4	—	54.6
September	76.0	75.3	65.6	56.6	W	61.2	64.1	63.5	58.8	49.4	W	53.7
October	77.3	75.9	66.7	59.3	W	63.3	64.9	64.3	59.9	51.8	W	55.7
November	74.9	74.1	65.4	52.3	—	59.7	62.7	62.1	58.4	45.2	—	51.6
December	70.2	69.5	61.5	47.5	—	55.3	59.3	58.6	54.4	40.4	—	47.0
1998 Average	78.9	78.0	68.6	59.7	50.1	64.5	67.1	66.6	61.7	52.3	48.2	56.7
PAD District II												
January	82.2	81.7	72.7	63.7	—	69.2	71.4	71.2	64.8	56.7	—	61.2
February	82.2	81.7	71.0	64.6	—	68.5	69.9	69.8	63.1	57.6	—	60.6
March	81.3	80.6	70.4	62.2	W	66.8	68.5	68.3	62.5	55.3	W	59.2
April	85.2	84.7	73.9	68.0	—	71.6	72.3	72.1	66.1	60.6	W	63.5
May	90.2	89.7	78.0	74.4	—	76.5	77.3	77.1	69.9	65.8	W	68.0
June	88.8	88.1	77.1	70.7	W	74.5	76.2	76.0	68.7	62.4	W	65.7
July	89.7	88.9	76.1	68.1	—	73.0	76.0	75.7	66.7	60.3	W	63.8
August	85.5	84.6	71.6	61.2	—	67.6	71.5	71.2	62.6	53.1	W	58.2
September	83.8	82.8	70.0	62.3	—	67.1	69.8	69.5	61.7	54.5	—	58.4
October	83.6	82.7	70.6	62.0	W	67.1	70.1	69.7	62.0	54.3	W	58.4
November	80.3	79.6	67.2	56.0	—	62.8	66.4	66.0	57.8	48.5	—	53.5
December	74.7	74.0	62.1	50.5	W	57.0	60.8	60.6	53.2	43.1	W	48.4
1998 Average	83.8	83.1	71.6	63.5	44.7	68.3	70.8	70.5	63.3	56.0	48.2	59.9
Illinois												
January	81.8	81.3	72.8	63.7	—	70.3	71.6	71.4	65.4	56.9	—	62.6
February	81.9	81.3	71.1	64.7	—	69.3	69.7	69.6	63.5	57.9	—	61.6
March	81.3	80.5	70.7	62.5	W	68.1	68.8	68.6	63.5	55.9	W	61.0
April	85.2	84.6	74.2	68.6	—	72.6	72.6	72.6	67.2	61.3	W	65.1
May	90.1	89.5	NA	75.7	—	77.6	77.4	77.3	NA	67.0	W	69.7
June	89.0	88.2	78.5	72.1	W	76.5	76.9	76.8	70.7	63.6	W	68.2
July	90.8	89.9	77.8	69.2	—	75.4	77.5	77.2	68.6	60.8	W	66.0
August	87.3	86.1	73.4	62.0	—	70.1	74.1	73.7	65.0	53.9	W	61.0
September	85.7	84.5	71.5	63.1	—	69.1	72.3	71.9	63.9	55.4	—	60.9
October	84.8	83.8	71.8	62.0	W	68.7	71.8	71.5	63.9	54.5	W	60.4
November	81.8	80.9	68.9	56.0	—	65.0	68.5	68.1	60.0	48.7	—	56.0
December	76.7	75.7	64.0	50.4	—	59.9	63.3	62.9	55.8	43.3	—	51.3
1998 Average	84.7	83.8	72.7	63.9	W	70.1	72.0	71.8	64.9	56.4	W	62.0
Indiana												
January	79.5	78.9	71.4	65.1	—	67.3	68.4	68.4	63.4	57.8	—	59.5
February	80.5	80.1	71.1	66.2	—	68.0	68.7	68.7	63.4	58.8	—	60.3
March	80.5	79.6	70.9	63.9	W	64.5	67.9	67.3	62.7	56.8	W	58.5
April	82.4	82.1	73.5	69.2	—	71.1	68.5	68.5	64.7	61.7	—	62.9
May	89.1	88.4	77.4	75.7	—	76.5	75.8	75.7	68.5	67.2	—	67.7
June	84.6	84.4	74.3	71.5	—	72.8	71.2	71.3	65.4	63.6	—	64.3
July	84.5	83.7	73.2	69.1	—	71.1	70.8	70.7	64.3	61.1	—	62.4
August	79.7	79.1	68.5	62.1	—	65.2	65.3	65.3	59.1	54.1	—	56.3
September	78.3	76.9	67.6	63.5	—	65.4	63.5	63.5	58.9	55.5	—	56.9
October	79.2	78.3	68.6	62.9	—	65.5	65.1	65.0	59.7	54.9	—	56.8
November	75.4	74.5	66.0	56.8	—	60.9	61.4	61.3	56.6	48.9	—	51.9
December	69.9	69.3	60.8	51.4	W	52.4	56.6	56.4	51.3	43.6	W	46.3
1998 Average	80.0	79.3	69.8	64.4	W	66.0	66.7	66.6	61.1	56.7	W	58.4

See footnotes at end of table.

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

(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
Kentucky												
January	68.8	68.6	64.0	54.4	—	58.8	78.4	78.4	71.1	58.8	—	65.3
February	66.5	66.3	61.1	53.8	—	57.2	76.2	76.2	69.4	57.6	—	63.4
March	63.3	63.0	59.0	51.1	—	54.8	73.1	73.1	67.1	54.6	—	61.4
April	68.3	67.9	61.8	56.0	—	58.9	78.1	78.2	68.4	60.0	—	64.6
May	71.8	71.3	64.0	60.8	—	62.4	81.9	81.8	69.3	64.1	—	66.8
June	71.2	70.5	61.4	56.6	—	58.8	81.8	81.7	66.9	59.6	—	62.9
July	68.4	68.0	59.4	55.3	—	57.8	79.5	79.3	65.2	57.8	—	61.0
August	62.2	62.0	56.2	47.6	—	51.3	72.6	72.9	62.3	50.7	—	55.6
September	60.0	59.8	54.3	48.8	—	51.3	70.5	70.4	59.2	51.7	—	55.1
October	62.1	61.8	56.1	50.9	—	53.4	72.3	72.3	61.5	54.2	—	57.5
November	58.5	58.4	50.3	45.2	—	47.5	69.1	69.1	56.2	48.3	—	51.9
December	51.3	51.4	45.6	39.0	—	42.1	61.9	62.0	50.8	42.2	—	46.1
1998 Average	64.0	63.8	57.9	51.5	—	54.5	74.2	74.2	64.2	54.7	—	59.2
Wisconsin												
January	68.1	68.1	58.6	54.9	—	56.3	74.7	74.8	65.4	58.2	—	61.5
February	68.6	68.4	58.2	56.5	—	57.1	76.5	76.3	64.9	60.3	—	62.4
March	66.4	66.3	56.4	54.1	W	54.8	74.4	74.5	63.3	57.9	—	60.4
April	70.8	70.7	61.5	59.4	—	60.1	78.8	78.8	67.4	63.2	—	65.1
May	75.9	75.7	65.3	63.7	—	64.3	84.3	84.4	71.4	68.3	—	69.7
June	73.9	74.1	63.9	61.2	—	62.1	82.2	82.4	70.0	65.6	—	67.6
July	72.8	72.8	61.6	59.0	—	60.0	81.5	81.5	68.5	63.3	—	66.0
August	66.1	66.3	55.8	52.7	—	53.9	74.9	75.1	63.4	56.5	—	60.1
September	65.1	65.3	55.8	53.8	—	54.6	73.9	74.2	62.1	57.4	—	59.8
October	66.3	65.9	55.8	53.0	—	54.0	74.3	74.3	62.6	56.8	—	59.8
November	59.7	59.7	49.9	47.3	—	48.3	68.7	68.9	58.5	50.9	—	54.8
December	53.6	53.9	44.5	42.3	—	43.1	62.6	62.4	52.7	45.6	—	49.4
1998 Average	66.8	66.9	57.3	55.1	W	55.9	75.0	75.1	64.1	59.1	—	61.6
PAD District III												
January	65.1	65.0	60.6	52.5	51.1	53.9	76.6	76.4	66.6	56.6	—	60.2
February	61.6	61.4	57.0	51.4	49.0	52.1	73.1	72.9	63.5	55.5	—	58.2
March	58.7	58.7	54.4	49.3	45.7	49.7	70.1	70.0	61.3	53.0	—	55.9
April	59.7	59.6	55.9	51.7	49.2	52.1	70.4	70.3	62.2	55.8	—	58.1
May	61.5	61.4	57.6	53.3	52.6	54.0	72.2	72.1	63.8	57.4	—	59.7
June	60.9	60.8	56.7	50.2	48.1	51.6	72.0	72.0	63.4	54.6	—	57.7
July	59.9	59.9	56.0	48.2	46.4	49.6	71.2	71.1	63.4	52.3	—	56.3
August	57.2	57.1	53.9	42.9	40.5	45.1	69.3	69.2	60.9	47.7	—	52.3
September	55.3	55.2	52.5	44.8	42.1	45.8	67.5	67.4	59.0	48.9	—	52.3
October	56.8	56.7	54.8	47.2	44.3	48.2	68.1	68.1	60.5	51.3	—	54.1
November	55.0	54.9	53.0	40.9	38.8	42.5	67.2	67.1	58.9	45.2	—	49.4
December	51.5	51.3	48.8	36.1	33.4	37.2	63.9	63.8	56.0	40.5	—	45.2
1998 Average	58.5	58.4	55.1	47.1	44.0	48.2	70.0	69.9	61.7	51.4	—	54.9
Texas												
January	65.1	65.0	60.6	52.5	50.8	53.9	76.6	76.4	66.6	56.6	—	60.2
February	61.6	61.4	57.0	51.4	49.1	52.2	73.1	72.9	63.5	55.5	—	58.2
March	58.7	58.7	54.4	49.3	45.7	49.7	70.1	70.0	61.3	53.0	—	55.9
April	59.7	59.6	55.9	51.7	49.3	52.1	70.4	70.3	62.2	55.8	—	58.1
May	61.5	61.4	57.6	53.3	52.8	54.1	72.2	72.1	63.8	57.4	—	59.7
June	60.9	60.8	56.7	50.2	48.1	51.6	72.0	72.0	63.4	54.6	—	57.7
July	59.9	59.9	56.0	48.2	46.8	49.7	71.2	71.1	63.4	52.3	—	56.3
August	57.2	57.1	53.9	42.9	40.5	45.1	69.3	69.2	60.9	47.7	—	52.3
September	55.3	55.2	52.5	44.8	42.2	45.8	67.5	67.4	59.0	48.9	—	52.3
October	56.8	56.7	54.8	47.2	44.6	48.3	68.1	68.1	60.5	51.3	—	54.1
November	55.0	54.9	53.0	40.9	38.7	42.7	67.2	67.1	58.9	45.2	—	49.4
December	51.5	51.3	48.8	36.1	32.1	37.3	63.9	63.8	56.0	40.5	—	45.2
1998 Average	58.5	58.4	55.1	47.1	44.5	48.4	70.0	69.9	61.7	51.4	—	54.9

See footnotes at end of table.

**Table 34. Reformulated Motor Gasoline Prices by Grade, Sales Type,
PAD District, and Selected States**

(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
Kentucky												
January	87.3	87.1	76.3	63.6	—	69.9	73.0	72.7	67.3	56.4	—	61.6
February	84.9	84.7	74.2	62.8	—	68.4	70.8	70.6	64.6	55.7	—	59.9
March	82.4	82.1	72.0	60.0	—	65.6	67.7	67.3	62.3	53.0	—	57.4
April	86.8	86.6	74.6	65.1	—	69.7	72.5	72.1	64.7	58.0	—	61.3
May	91.8	91.4	77.2	70.3	—	73.5	76.3	75.9	66.8	62.9	—	64.8
June	91.1	90.8	73.8	66.0	—	69.6	75.8	75.1	64.2	58.5	—	61.1
July	88.4	88.0	72.0	64.1	—	67.9	72.9	72.6	62.3	57.8	—	60.3
August	82.4	82.4	68.6	57.6	—	62.8	66.8	66.7	59.3	49.7	—	53.9
September	80.1	79.7	66.7	58.2	—	62.4	64.7	64.4	57.3	50.8	—	53.8
October	81.9	81.7	68.0	60.4	—	64.1	66.6	66.3	58.7	52.9	—	55.7
November	78.7	78.6	63.6	54.7	—	58.8	63.2	63.0	53.4	47.2	—	50.0
December	70.9	70.8	57.9	48.7	—	53.3	56.2	56.2	48.8	41.2	—	44.8
1998 Average	83.3	83.1	70.2	60.9	—	65.3	68.5	68.2	60.9	53.6	—	57.0
Wisconsin												
January	80.2	80.0	67.8	63.0	—	64.9	70.2	70.1	60.5	56.2	—	57.9
February	82.0	81.6	67.1	64.9	—	65.8	70.8	70.4	60.1	57.6	—	58.5
March	80.3	80.0	66.3	62.5	—	64.0	68.5	68.4	58.3	55.3	W	56.3
April	85.1	84.9	71.2	68.4	—	69.5	72.9	72.8	63.2	60.6	—	61.5
May	90.6	90.3	75.9	74.4	—	75.0	78.3	77.9	67.3	65.2	—	66.0
June	87.9	88.0	74.0	71.9	—	72.8	76.3	76.3	65.9	62.7	—	63.8
July	87.4	87.3	71.9	69.1	—	70.4	75.2	75.1	63.8	60.5	—	61.8
August	80.5	80.5	66.6	62.9	—	64.6	68.5	68.6	58.1	54.1	—	55.7
September	78.8	78.7	66.0	63.6	—	64.7	67.4	67.5	58.0	55.2	—	56.3
October	79.8	79.6	66.0	62.7	—	64.1	68.6	68.1	57.9	54.3	—	55.7
November	74.8	74.8	60.2	56.7	—	58.3	62.2	62.2	52.3	48.7	—	50.1
December	69.3	69.4	55.3	51.7	—	53.3	56.2	56.4	47.0	43.6	—	44.9
1998 Average	80.8	80.7	67.1	64.4	—	65.5	69.1	69.1	59.3	56.4	W	57.5
PAD District III												
January	83.8	83.6	73.0	62.3	55.9	65.1	70.3	70.1	64.4	54.6	51.5	56.6
February	80.1	80.0	69.7	61.2	52.7	62.9	66.7	66.5	60.9	53.6	49.4	54.8
March	77.4	77.4	67.0	58.9	W	60.9	63.9	63.8	58.2	51.5	46.2	52.3
April	77.7	77.6	67.9	61.7	54.2	61.9	64.9	64.8	59.4	54.0	50.1	54.6
May	79.4	79.4	70.2	63.1	55.7	64.6	66.9	66.7	61.4	55.6	52.8	56.5
June	79.1	79.0	68.9	60.4	56.6	62.3	66.4	66.2	60.2	52.6	50.3	54.3
July	78.9	78.8	68.4	57.8	52.4	60.3	65.2	65.1	59.8	50.5	47.0	52.4
August	76.8	76.8	66.8	53.2	44.6	54.5	62.8	62.6	57.8	45.4	42.5	47.9
September	75.0	75.0	65.1	54.1	44.1	53.6	61.0	60.9	56.3	47.1	42.7	48.2
October	76.6	76.6	67.2	57.0	47.8	58.0	62.2	62.1	58.3	49.6	45.1	50.8
November	74.7	74.7	65.7	50.1	43.0	51.0	60.6	60.5	56.7	43.2	40.2	45.1
December	72.0	71.9	63.0	45.7	NA	48.5	57.4	57.2	53.1	38.5	33.9	40.0
1998 Average	77.6	77.5	67.8	56.6	47.2	58.0	63.9	63.8	58.9	49.4	44.6	50.8
Texas												
January	83.8	83.6	73.0	62.3	W	65.4	70.3	70.1	64.4	54.6	51.3	56.7
February	80.1	80.0	69.7	61.2	52.7	62.9	66.7	66.5	60.9	53.6	49.6	54.9
March	77.4	77.4	67.0	58.9	W	60.9	63.9	63.8	58.2	51.5	46.3	52.4
April	77.7	77.6	67.9	61.7	54.3	62.1	64.9	64.8	59.4	54.0	50.2	54.6
May	79.4	79.4	70.2	63.1	55.7	64.6	66.9	66.7	61.4	55.6	53.0	56.6
June	79.1	79.0	68.9	60.4	56.6	62.3	66.4	66.2	60.2	52.6	50.3	54.3
July	78.9	78.8	68.4	57.8	52.4	60.3	65.2	65.1	59.8	50.5	47.5	52.5
August	76.8	76.8	66.8	53.2	44.6	54.5	62.8	62.6	57.8	45.4	42.5	47.9
September	75.0	75.0	65.1	54.1	44.6	54.3	61.0	60.9	56.3	47.1	42.9	48.3
October	76.6	76.6	67.2	57.0	47.8	58.0	62.2	62.1	58.3	49.6	45.4	50.9
November	74.7	74.7	65.7	50.1	43.2	51.1	60.6	60.5	56.7	43.2	40.4	45.3
December	72.0	71.9	63.0	45.7	W	48.8	57.4	57.2	53.1	38.5	32.9	40.3
1998 Average	77.6	77.5	67.8	56.6	47.6	58.2	63.9	63.8	58.9	49.4	45.2	51.0

See footnotes at end of table.

Table 34. Reformulated Motor Gasoline Prices by Grade, Sales Type, PAD District, and Selected States
(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
PAD District V												
January	79.3	78.1	72.3	62.1	58.5	67.2	88.4	87.4	77.6	67.4	W	75.6
February	69.7	69.0	62.8	56.3	56.2	59.9	78.8	78.6	67.8	61.3	W	66.6
March	63.2	62.8	56.6	52.7	52.6	55.0	71.9	71.8	61.9	57.2	W	61.0
April	67.5	67.2	60.6	60.1	61.1	60.6	75.2	75.2	65.7	65.7	W	65.7
May	75.5	74.7	69.8	64.2	59.3	66.6	83.9	83.8	75.1	69.7	W	74.1
June	73.0	72.0	67.8	56.6	52.2	62.5	81.5	81.2	73.4	62.2	W	71.4
July	70.4	69.4	64.5	56.2	51.8	60.0	79.5	79.2	70.4	61.8	W	68.7
August	69.7	68.7	62.3	53.9	50.8	58.4	78.7	78.4	67.9	59.1	W	66.2
September	68.2	67.4	61.6	53.7	50.4	57.5	77.1	76.8	67.5	58.9	W	65.8
October	67.7	66.9	61.5	52.0	48.4	56.4	77.3	77.0	67.6	58.5	NA	65.8
November	66.9	66.2	61.6	52.4	48.1	56.6	77.0	76.6	67.7	57.4	W	65.7
December	66.5	65.5	61.1	47.8	42.6	54.0	76.3	76.0	67.4	54.4	W	64.9
1998 Average	69.8	69.0	63.6	55.4	52.6	59.5	78.7	78.4	69.1	60.9	W	67.5
Arizona												
January	85.3	84.2	79.0	62.0	W	74.6	95.4	95.2	85.0	69.1	—	83.2
February	76.9	76.2	68.2	58.6	—	65.9	86.9	86.9	73.9	65.3	—	73.0
March	70.4	69.9	62.4	56.2	—	60.8	79.9	79.8	68.0	62.2	—	67.2
April	74.5	74.2	66.9	63.0	W	65.9	82.7	82.7	72.4	68.7	—	72.0
May	79.6	79.1	70.9	63.2	W	69.1	88.6	88.5	76.4	69.5	—	75.7
June	75.5	74.8	66.4	55.9	W	64.0	84.7	84.6	72.1	63.1	—	71.1
July	70.9	70.3	60.4	53.1	—	58.9	80.6	80.5	66.0	60.9	—	65.6
August	68.0	67.4	57.9	50.2	—	56.4	77.8	77.8	63.6	58.8	—	63.3
September	67.2	66.7	57.5	49.5	W	55.7	77.1	77.2	63.6	57.4	—	63.2
October	67.7	67.1	NA	51.8	—	NA	77.5	77.4	NA	61.0	—	NA
November	63.8	63.8	W	NA	—	56.3	73.7	73.7	61.5	58.7	—	60.1
December	61.0	60.6	53.4	51.5	—	52.4	71.0	70.8	W	W	—	W
1998 Average	72.3	71.8	65.2	57.2	53.2	63.3	81.6	81.6	71.1	64.4	—	70.4
California												
January	78.5	77.3	71.9	62.1	58.4	66.9	87.8	86.8	77.3	67.3	W	75.3
February	68.7	68.0	62.4	56.2	56.2	59.6	77.9	77.8	67.5	61.2	W	66.3
March	62.2	61.9	56.3	52.5	52.6	54.7	71.1	71.0	61.7	57.1	W	60.8
April	66.2	66.0	60.2	59.9	61.2	60.3	74.4	74.4	65.4	65.6	W	65.4
May	74.8	74.0	69.7	64.2	59.3	66.5	83.4	83.3	75.0	69.7	W	74.1
June	72.6	71.5	67.9	56.7	52.2	62.4	81.2	80.8	73.5	62.2	W	71.4
July	70.3	69.3	64.7	56.3	51.8	60.1	79.4	79.1	70.6	61.8	W	68.8
August	70.0	68.9	62.6	54.1	50.8	58.4	78.8	78.5	68.1	59.1	W	66.3
September	68.4	67.5	61.9	53.8	50.4	57.5	77.1	76.8	67.6	58.9	W	65.8
October	67.7	66.9	61.5	52.0	48.4	56.4	77.3	77.0	67.6	58.5	NA	65.8
November	67.2	66.4	61.6	52.4	48.1	56.6	77.2	76.8	67.7	57.4	W	65.7
December	67.0	65.9	61.1	47.8	42.6	54.0	76.6	76.3	67.4	54.4	W	64.9
1998 Average	69.4	68.6	63.5	55.4	52.6	59.4	78.4	78.1	69.0	60.8	W	67.5

See footnotes at end of table.

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

(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
PAD District V												
January	98.1	96.7	85.8	73.1	63.2	82.0	83.5	82.3	75.7	63.9	58.8	70.6
February	88.2	87.5	75.7	67.4	56.9	73.3	73.9	73.2	66.1	58.1	56.2	62.8
March	81.3	81.0	70.0	63.5	56.2	68.0	67.4	67.0	60.1	54.5	52.9	57.9
April	85.0	84.8	74.1	71.9	65.5	72.9	71.5	71.2	64.0	62.1	61.7	63.3
May	93.6	93.0	83.6	76.0	63.2	80.3	79.6	78.8	73.3	66.1	59.8	69.8
June	91.3	90.4	81.8	67.9	55.6	77.8	77.2	76.2	71.4	58.6	52.5	66.1
July	90.1	89.4	78.7	67.7	55.0	74.9	75.0	74.0	68.2	58.3	52.1	63.5
August	87.3	86.6	76.7	65.0	54.6	72.6	74.1	73.0	66.1	55.9	51.2	61.8
September	86.1	85.3	76.1	64.8	54.7	72.1	72.6	71.7	65.5	55.6	50.9	60.9
October	86.6	85.6	76.2	64.2	53.8	71.7	72.4	71.5	65.5	54.3	49.0	60.2
November	85.2	84.3	76.3	63.1	52.0	71.4	71.7	70.9	65.6	54.4	48.6	60.3
December	84.9	83.6	76.0	58.4	46.6	69.4	71.2	70.1	65.1	49.9	43.1	58.0
1998 Average	88.0	87.2	77.5	66.4	56.1	73.7	74.1	73.3	67.2	57.4	53.0	62.9
Arizona												
January	105.4	105.1	91.8	73.4	W	88.8	89.4	88.3	82.0	63.8	W	77.9
February	96.7	96.6	81.0	70.0	—	79.4	81.0	80.3	71.3	60.3	—	69.0
March	89.6	89.5	75.0	67.3	—	73.7	74.5	73.9	65.4	57.9	—	63.7
April	93.0	92.9	80.0	75.7	NA	79.4	78.0	77.7	69.6	64.8	W	68.5
May	98.7	98.6	84.3	74.1	W	81.6	83.2	82.8	73.7	64.9	W	71.8
June	94.7	94.6	79.8	68.5	—	78.2	79.4	78.8	69.3	57.8	W	67.0
July	90.2	90.1	73.6	65.3	W	72.3	74.9	74.4	63.4	55.1	W	61.9
August	88.0	87.9	71.5	63.7	—	70.6	72.2	71.6	60.9	52.1	—	59.4
September	87.2	87.0	71.5	62.7	—	70.5	71.3	70.8	60.7	51.3	W	58.8
October	87.4	87.1	NA	64.2	—	NA	72.2	71.6	NA	53.9	—	NA
November	83.4	83.4	W	65.8	—	69.7	68.2	68.2	W	NA	—	59.7
December	80.5	80.5	66.8	65.6	—	66.3	65.4	65.0	56.5	54.1	—	55.3
1998 Average	91.5	91.4	78.4	69.3	W	77.0	76.3	75.8	68.2	59.0	57.5	66.3
California												
January	97.2	95.7	85.5	73.1	62.8	81.7	82.8	81.5	75.3	63.9	58.8	70.2
February	87.1	86.4	75.4	67.3	56.9	73.0	73.0	72.3	65.8	57.9	56.2	62.5
March	80.3	79.9	69.7	63.3	56.2	67.8	66.5	66.1	59.9	54.3	52.9	57.7
April	84.0	83.8	73.8	71.8	65.4	72.7	70.5	70.2	63.7	62.0	61.7	63.0
May	92.9	92.2	83.6	76.1	63.2	80.2	79.0	78.2	73.2	66.1	59.8	69.7
June	90.8	89.8	81.9	67.9	55.6	77.8	76.9	75.8	71.6	58.6	52.5	66.0
July	90.1	89.3	78.9	67.8	55.0	75.0	75.0	73.9	68.5	58.4	52.1	63.6
August	87.2	86.4	76.9	65.1	54.6	72.7	74.3	73.2	66.4	56.1	51.2	61.9
September	86.0	85.1	76.3	64.9	54.7	72.1	72.7	71.8	65.7	55.7	50.9	61.0
October	86.5	85.5	76.3	64.3	53.8	71.7	72.4	71.5	65.5	54.3	49.0	60.2
November	85.3	84.3	76.3	63.1	52.0	71.4	72.0	71.1	65.6	54.4	48.6	60.3
December	85.3	83.9	76.0	58.4	46.6	69.4	71.6	70.5	65.2	49.9	43.1	58.0
1998 Average	87.6	86.8	77.5	66.4	56.1	73.6	73.8	73.0	67.2	57.3	52.9	62.8

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.

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												
January	69.6	54.8	54.8	78.5	58.1	63.1	87.0	63.8	67.2	73.7	56.2	57.6
February	65.2	53.7	52.5	74.8	55.7	59.7	83.0	61.4	64.4	69.4	54.9	55.1
March	61.7	51.4	49.7	71.2	52.6	56.4	79.4	58.3	61.1	65.9	52.5	52.3
April	63.9	53.9	52.3	73.2	56.3	59.2	81.3	62.4	63.8	68.1	55.3	54.9
May	67.7	56.6	55.3	76.8	59.1	62.6	84.6	65.9	66.9	71.8	58.1	57.9
June	67.0	54.3	52.9	76.4	56.9	60.7	84.2	63.0	65.0	71.2	55.7	55.7
July	65.5	52.5	51.5	75.3	56.1	59.1	83.4	61.9	63.7	69.9	54.1	54.3
August	62.7	48.0	47.6	72.8	51.3	55.6	80.7	56.1	60.1	67.2	49.5	50.6
September	61.5	48.1	48.1	71.4	51.3	55.6	79.5	55.2	59.9	66.0	49.5	50.9
October	62.4	50.7	49.5	72.1	53.2	57.2	80.5	59.1	61.6	66.9	52.0	52.4
November	59.5	46.1	44.7	69.9	48.8	53.2	77.8	54.1	56.9	64.2	47.5	47.8
December	55.4	40.3	39.5	66.1	NA	48.7	74.0	46.9	51.7	60.3	42.1	42.6
1998 Average	63.4	50.9	49.9	73.1	53.9	57.6	81.1	58.8	61.7	67.8	52.2	52.6
PAD District I												
January	65.6	53.2	55.1	76.2	56.4	62.0	85.0	60.5	67.8	71.2	54.6	58.6
February	61.3	50.9	52.2	71.6	53.9	58.8	80.3	58.2	64.4	66.8	52.3	55.7
March	57.9	48.1	49.5	68.2	51.1	55.7	76.7	55.2	61.1	63.4	49.5	52.9
April	59.1	50.9	51.6	69.4	54.0	57.7	77.9	59.2	63.4	64.6	52.7	55.0
May	60.7	52.7	53.3	70.7	56.1	59.5	79.1	61.0	65.3	66.1	54.4	56.7
June	60.9	50.7	51.3	71.0	53.8	57.9	79.4	59.1	63.5	66.4	52.4	54.8
July	59.9	48.8	49.6	70.3	52.5	56.4	78.5	57.5	62.5	65.5	50.5	53.3
August	57.5	43.5	46.2	68.1	46.4	53.1	76.4	52.3	59.4	63.2	45.3	49.9
September	55.8	43.4	46.8	66.4	46.6	53.3	74.8	51.6	59.3	61.6	45.1	50.3
October	57.8	47.8	49.3	68.2	50.9	55.7	76.5	55.7	61.3	63.5	49.4	52.8
November	56.5	42.9	44.4	67.0	45.8	51.6	75.2	50.0	57.1	62.3	44.3	48.1
December	52.4	35.7	38.8	63.5	38.2	46.6	71.8	42.5	51.8	58.5	37.1	42.7
1998 Average	58.8	47.6	49.0	69.2	50.6	55.7	77.5	55.3	61.3	64.4	49.1	52.5
Subdistrict IA												
January	77.0	58.9	60.2	88.3	W	68.6	96.6	W	70.8	82.9	59.0	63.0
February	72.4	W	57.3	83.6	W	65.2	91.7	W	68.5	78.2	W	60.2
March	66.8	49.5	53.6	77.8	W	60.9	86.5	–	65.4	72.7	49.9	56.5
April	65.8	51.7	54.3	76.9	W	61.3	85.5	W	65.7	71.8	52.0	57.1
May	67.1	W	55.9	78.0	W	63.0	86.9	W	67.3	73.1	52.8	58.8
June	68.0	51.7	54.1	78.4	W	62.3	87.4	W	66.2	73.8	52.0	57.1
July	66.8	50.1	51.7	77.4	W	60.6	86.4	W	64.2	72.8	50.4	54.8
August	64.7	46.4	49.4	75.6	W	57.3	84.6	–	60.9	70.9	46.4	52.4
September	63.1	47.0	50.5	74.2	W	57.5	82.8	W	61.9	69.3	47.4	53.5
October	64.3	50.5	52.2	75.4	W	59.8	83.7	W	63.8	70.3	50.7	55.2
November	64.2	48.1	49.7	75.4	W	58.1	83.8	–	61.4	70.4	48.4	52.8
December	62.0	W	43.5	73.8	W	52.8	82.4	W	54.6	68.4	41.8	46.6
1998 Average	66.7	50.1	52.6	77.7	W	60.6	86.2	W	64.0	72.7	50.3	55.6
Connecticut												
January	W	W	60.1	W	W	68.5	W	W	69.3	W	W	63.0
February	W	W	57.6	W	W	65.1	W	W	67.6	W	W	60.6
March	W	W	53.1	W	W	61.0	W	–	64.9	W	W	56.2
April	W	W	54.1	W	W	61.5	W	W	64.7	W	W	57.0
May	W	W	54.9	W	W	62.8	W	W	65.9	W	W	57.9
June	W	W	53.8	W	W	62.5	W	W	64.6	W	W	56.9
July	W	W	51.0	W	W	61.2	W	W	63.1	W	W	54.4
August	W	W	49.3	W	W	57.4	W	–	60.2	W	W	52.5
September	W	W	50.4	W	W	57.3	W	W	60.7	W	W	53.6
October	W	W	52.3	W	W	59.7	W	W	62.0	W	W	55.4
November	W	W	50.3	W	W	58.3	W	–	62.5	W	W	53.8
December	W	W	43.7	W	W	53.3	W	W	53.0	W	W	46.8
1998 Average	W	W	52.5	W	W	60.7	W	W	63.0	W	W	55.6

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	
Maine												
January	—	—	55.5	—	—	59.7	—	—	64.6	—	—	57.2
February	—	—	52.1	—	—	56.9	—	—	61.6	—	—	53.7
March	—	—	50.5	—	—	54.7	—	—	59.8	—	—	52.0
April	—	—	52.9	—	—	56.8	—	—	61.9	—	—	54.4
May	—	—	54.6	—	—	58.7	—	—	64.1	—	—	56.3
June	—	—	51.9	—	—	56.2	—	—	61.5	—	—	53.6
July	—	—	49.9	—	—	53.9	—	—	57.8	—	—	51.7
August	—	—	45.2	—	—	50.7	—	—	54.4	—	—	46.7
September	—	—	48.3	—	—	52.4	—	—	57.5	—	—	50.0
October	—	—	49.0	—	—	55.0	—	—	60.2	—	—	50.7
November	—	—	46.1	—	—	50.4	—	—	55.0	—	—	47.7
December	—	—	38.6	—	—	43.1	—	—	47.8	—	—	40.2
1998 Average	—	—	49.4	—	—	54.1	—	—	58.6	—	—	51.0
Massachusetts												
January	78.3	61.3	61.7	88.9	—	71.1	97.2	—	73.0	84.0	61.3	64.8
February	73.6	W	59.6	84.3	—	67.5	92.5	—	71.1	79.4	W	62.7
March	67.8	47.4	55.3	78.0	—	62.6	86.5	—	67.3	73.5	47.4	58.5
April	66.6	49.9	55.4	77.0	W	62.7	85.4	—	67.4	72.4	50.7	58.5
May	67.7	50.2	57.0	77.9	—	64.3	86.7	—	69.3	73.5	50.2	60.2
June	68.3	52.1	54.8	78.2	W	64.1	87.1	—	68.8	74.0	52.7	58.1
July	67.3	50.1	52.2	77.5	W	62.5	86.4	—	67.3	73.2	50.3	55.7
August	65.6	49.3	51.5	76.2	—	59.5	85.0	—	63.3	71.6	49.3	54.8
September	63.8	47.9	51.4	74.7	W	59.6	83.3	—	64.2	69.9	48.2	54.8
October	65.1	51.7	53.3	76.0	W	61.3	84.4	—	66.0	71.1	51.9	56.6
November	65.0	49.0	50.4	75.7	W	59.8	84.1	—	61.8	70.9	49.5	53.5
December	62.4	W	45.0	73.6	—	54.9	82.1	W	57.1	68.6	48.6	48.3
1998 Average	67.5	50.9	53.8	78.0	W	62.5	86.4	W	66.2	73.3	51.1	57.0
New Hampshire												
January	75.6	—	68.2	86.6	—	74.4	93.5	—	80.8	80.5	—	71.0
February	71.1	—	62.3	81.6	—	70.1	89.6	—	73.7	76.2	—	65.2
March	65.8	W	58.6	77.3	—	64.5	85.0	—	71.1	71.1	W	61.5
April	65.3	—	58.5	77.3	—	64.3	84.4	—	70.4	70.7	—	61.2
May	67.5	—	60.2	78.6	—	66.4	86.6	—	72.2	72.7	—	63.0
June	68.2	—	59.4	78.5	—	65.7	86.5	—	71.7	73.4	—	62.3
July	66.3	W	57.7	76.8	—	63.8	84.8	—	70.1	71.7	W	60.7
August	64.4	—	53.6	75.3	—	59.9	83.8	—	65.8	69.9	—	56.4
September	63.5	W	52.5	74.5	—	58.6	83.0	—	63.9	69.0	W	55.2
October	64.9	—	55.0	75.9	—	61.4	84.2	—	66.8	70.3	—	57.7
November	64.2	W	53.2	76.0	—	60.0	83.6	—	65.5	69.7	W	56.1
December	62.0	—	47.8	73.9	—	55.2	81.7	—	60.3	67.6	—	50.6
1998 Average	66.4	W	56.6	77.5	—	63.4	85.4	—	68.8	71.8	W	59.5
Rhode Island												
January	71.8	W	58.7	82.6	—	66.2	W	—	69.7	77.1	W	61.3
February	66.1	W	55.2	76.8	—	62.1	W	—	66.1	71.3	W	57.7
March	60.7	W	52.0	69.9	—	57.8	W	—	62.5	65.7	W	54.5
April	59.8	W	52.2	68.8	—	58.6	W	—	63.6	64.7	W	54.6
May	62.7	W	55.1	71.8	—	60.8	W	—	65.4	67.5	W	57.7
June	64.3	W	53.1	73.2	—	59.4	W	—	64.4	69.2	W	55.9
July	63.7	W	52.1	72.8	—	58.2	W	—	63.2	68.9	W	55.1
August	61.5	W	48.7	70.6	—	55.2	W	—	60.1	66.9	W	51.7
September	59.5	W	49.0	68.8	—	54.8	W	—	60.1	64.9	W	51.8
October	59.9	W	51.6	69.3	—	57.5	W	—	62.7	65.2	W	54.3
November	60.7	W	48.1	70.0	—	56.0	W	—	59.9	66.1	W	51.0
December	57.7	W	41.6	69.2	—	49.6	W	—	53.0	63.5	W	44.6
1998 Average	62.3	W	51.5	71.8	—	58.0	W	—	62.5	67.5	W	54.2

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	
Vermont												
January	—	—	58.1	—	—	63.8	—	—	68.7	—	—	60.4
February	—	—	54.4	—	—	60.3	—	—	65.0	—	—	56.7
March	—	—	50.8	—	—	56.6	—	—	62.3	—	—	53.2
April	—	—	53.4	—	—	59.5	—	—	64.9	—	—	55.7
May	—	—	55.2	—	—	61.2	—	—	66.7	—	—	57.6
June	—	—	53.6	—	—	59.3	—	—	64.8	—	—	56.0
July	—	—	52.1	—	—	57.9	—	—	63.3	—	—	54.5
August	—	—	49.3	—	—	55.4	—	—	60.0	—	—	51.7
September	—	—	49.9	—	—	55.6	—	—	60.8	—	—	52.3
October	—	—	52.3	—	—	58.0	—	—	63.0	—	—	54.6
November	—	—	49.0	—	—	55.4	—	—	59.7	—	—	51.3
December	—	—	42.3	—	—	49.1	—	—	53.2	—	—	44.8
1998 Average	—	—	51.7	—	—	57.7	—	—	62.5	—	—	54.0
Subdistrict IB												
January	68.7	55.3	56.9	78.7	58.9	66.3	88.9	63.7	71.4	74.3	56.6	61.1
February	63.1	53.9	53.4	73.2	57.3	62.1	83.3	61.2	66.9	68.7	55.0	57.3
March	58.6	50.5	50.7	68.6	53.8	58.6	78.9	57.5	62.7	64.2	51.7	54.6
April	60.1	53.5	52.3	70.5	56.5	60.1	80.1	61.4	65.0	65.7	54.7	56.0
May	61.9	55.0	53.8	72.2	58.0	61.9	81.5	63.8	66.8	67.4	56.3	57.6
June	62.6	52.8	52.2	73.1	56.0	60.8	82.3	61.7	65.1	68.3	54.2	56.1
July	61.5	50.6	50.8	72.1	53.5	59.5	81.3	60.0	64.9	67.3	52.1	54.8
August	59.9	45.6	47.9	70.7	48.8	57.1	80.1	54.9	62.7	65.8	47.2	52.2
September	58.3	45.9	48.0	69.1	48.5	56.8	78.6	54.7	61.9	64.3	47.4	52.1
October	59.4	49.3	50.3	69.6	52.1	58.7	79.1	57.2	63.2	65.1	50.5	54.3
November	58.3	46.1	46.7	68.4	48.7	56.2	78.2	52.9	60.5	64.1	47.2	50.9
December	54.0	38.5	40.8	64.6	41.2	51.6	74.8	45.8	55.8	60.1	39.7	45.3
1998 Average	60.5	50.2	50.3	70.8	53.0	59.1	80.5	58.1	63.8	66.2	51.4	54.3
Delaware												
January	72.0	W	57.1	83.5	W	62.7	93.6	W	68.3	78.1	W	59.8
February	65.4	57.1	53.9	78.1	—	59.4	87.5	W	65.2	71.8	57.5	56.6
March	59.8	53.8	50.2	72.9	—	55.7	W	W	61.7	66.2	54.2	52.9
April	59.6	57.3	51.1	73.5	—	56.5	W	W	62.6	66.1	57.8	53.8
May	61.6	W	52.0	75.2	—	57.6	W	W	63.8	68.4	W	54.7
June	63.0	55.5	51.0	76.4	—	56.4	W	W	62.7	69.8	56.1	53.7
July	62.0	W	49.9	74.5	W	55.3	W	W	61.4	68.6	W	52.7
August	61.6	49.1	47.1	75.8	W	52.5	W	W	58.7	68.8	49.8	49.9
September	61.8	48.9	47.2	77.6	W	52.3	87.8	W	58.7	69.7	49.5	49.9
October	62.7	53.3	50.5	77.1	W	55.8	86.4	W	61.9	70.0	53.9	53.2
November	61.7	48.7	48.7	75.4	W	54.1	84.7	W	60.4	68.8	49.4	51.5
December	58.1	40.8	43.2	72.0	W	48.6	82.0	W	54.4	65.3	41.5	46.0
1998 Average	62.2	53.1	50.2	75.9	W	55.6	W	W	61.6	69.1	53.7	52.9
District of Columbia												
January	—	W	69.3	—	W	73.9	—	W	77.5	—	W	73.9
February	—	W	65.1	—	W	NA	—	W	NA	—	53.7	70.0
March	—	50.4	61.4	—	W	NA	—	W	NA	—	51.4	66.2
April	—	53.7	62.3	—	W	NA	—	W	NA	—	55.3	67.1
May	—	53.9	64.0	—	W	NA	—	W	NA	—	56.0	68.8
June	—	51.5	64.2	—	W	NA	—	W	NA	—	53.9	69.1
July	—	49.8	63.6	—	W	NA	—	W	NA	—	52.3	68.4
August	—	43.9	62.1	—	W	NA	—	W	NA	—	46.3	NA
September	—	43.7	60.2	—	W	NA	—	W	NA	—	45.8	65.1
October	—	48.1	60.4	—	W	NA	—	W	NA	—	50.1	NA
November	—	44.0	58.4	—	W	NA	—	W	NA	—	46.0	NA
December	—	W	55.6	—	W	NA	—	W	NA	—	38.1	60.9
1998 Average	—	48.7	62.2	—	W	66.8	—	W	70.9	—	50.6	67.1

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	
Maryland												
January	—	54.6	61.0	—	W	67.5	—	63.1	71.4	—	56.2	64.6
February	—	51.8	57.8	—	W	63.7	—	59.1	68.2	—	53.2	61.2
March	W	49.0	54.6	W	W	60.7	W	56.2	65.0	W	50.4	58.1
April	W	53.0	56.6	W	W	62.2	W	60.5	66.8	W	54.4	60.0
May	W	53.9	57.7	W	W	63.5	W	62.3	67.8	W	55.5	61.1
June	W	51.5	56.4	W	W	62.8	W	W	67.1	W	53.2	60.0
July	W	50.0	55.4	W	W	61.7	W	58.5	66.3	W	51.8	59.1
August	W	44.4	52.0	W	W	58.8	W	W	63.4	W	46.2	55.9
September	—	W	51.5	—	W	57.9	—	52.0	62.1	—	W	55.2
October	—	48.3	53.1	—	W	59.2	—	56.2	64.3	—	49.9	56.8
November	—	43.7	49.4	—	47.0	56.7	—	51.5	61.1	—	45.4	53.4
December	—	36.6	45.4	—	W	53.4	—	43.8	57.0	—	38.1	49.5
1998 Average	W	48.6	54.2	W	W	60.7	W	56.4	64.9	W	50.1	57.8
New Jersey												
January	72.0	W	56.6	83.9	W	69.7	92.0	W	72.8	78.9	W	60.8
February	66.9	W	53.4	77.7	W	64.7	86.8	W	68.4	73.8	W	57.4
March	62.4	48.7	51.4	72.2	W	60.3	82.3	W	63.2	69.1	49.7	55.3
April	63.1	W	52.2	74.1	W	61.6	83.1	58.5	66.2	70.0	W	56.0
May	64.8	52.2	53.3	75.8	53.5	63.6	84.7	W	66.6	71.7	53.8	57.1
June	65.7	W	51.4	76.8	W	62.4	85.6	W	63.2	72.6	W	55.1
July	65.0	W	49.9	76.4	W	61.0	85.0	W	65.1	72.1	W	54.0
August	64.1	44.9	47.4	75.7	W	59.3	84.4	W	63.1	71.3	46.7	51.7
September	62.9	44.5	47.4	74.7	W	59.3	83.3	W	62.0	70.2	46.6	51.4
October	63.4	W	50.3	74.8	W	60.6	83.5	W	63.5	70.6	W	54.4
November	63.0	46.1	46.3	74.5	W	58.5	83.0	W	60.9	70.2	47.0	50.6
December	60.6	W	40.9	72.7	W	54.6	81.2	W	56.8	68.0	W	45.6
1998 Average	64.5	48.3	50.0	75.7	W	61.2	84.5	W	64.1	71.5	W	54.0
New York												
January	69.6	59.6	59.9	80.5	63.4	70.6	89.4	68.1	76.3	74.8	60.9	65.3
February	63.8	W	55.6	75.5	61.7	66.4	84.8	63.6	70.3	69.3	58.0	60.7
March	58.6	W	51.9	70.7	57.2	62.0	79.9	60.0	64.4	64.2	54.1	56.6
April	59.7	W	53.4	71.3	58.8	62.9	80.3	63.1	67.4	65.1	56.2	58.2
May	60.6	W	54.6	71.7	59.9	64.2	80.6	67.1	69.1	65.9	57.1	59.3
June	61.0	W	53.2	72.1	58.1	62.9	81.0	65.6	68.4	66.4	55.2	58.2
July	60.0	W	52.1	71.2	55.8	61.7	80.2	63.1	67.5	65.5	52.8	57.2
August	58.1	W	49.2	69.8	51.9	59.7	78.7	60.3	65.7	63.8	49.1	54.7
September	57.0	W	49.7	68.5	52.2	59.4	77.3	60.6	64.9	62.6	49.9	54.8
October	58.4	W	51.7	69.2	54.2	61.6	78.0	60.8	65.2	63.8	52.3	56.6
November	57.6	W	49.0	68.2	51.5	59.8	77.4	57.7	64.6	63.0	50.5	54.3
December	53.7	W	42.9	65.4	W	55.6	74.6	52.3	60.2	59.5	W	48.8
1998 Average	59.7	W	51.8	71.0	56.2	62.2	79.9	62.1	66.8	65.2	53.5	57.0
Pennsylvania												
January	65.9	51.1	52.7	74.9	NA	58.4	85.0	61.4	62.4	70.7	52.2	55.1
February	60.2	52.7	49.5	69.5	W	54.6	78.1	NA	58.8	64.9	53.8	51.8
March	56.3	49.8	47.3	65.6	57.0	52.3	74.4	61.1	56.9	61.1	51.1	49.6
April	58.7	53.3	49.8	68.0	59.8	54.4	76.7	63.4	58.9	63.4	54.4	52.0
May	61.4	56.9	52.2	70.4	W	57.1	79.2	69.8	62.7	66.1	58.0	54.7
June	62.4	54.3	50.6	71.7	62.9	55.8	80.2	65.3	61.5	67.2	55.7	53.2
July	61.0	51.3	48.7	70.4	W	54.1	78.7	63.3	59.6	65.9	52.4	51.3
August	59.0	44.6	45.5	68.6	W	51.0	77.1	W	56.9	64.0	45.4	48.2
September	56.8	45.6	45.8	66.4	W	51.1	75.0	W	56.5	61.8	46.4	48.3
October	57.9	47.4	47.9	67.1	53.8	53.6	75.8	57.2	58.4	62.8	48.5	50.4
November	56.1	43.2	43.5	65.3	W	50.0	74.2	51.7	53.6	61.1	44.0	46.1
December	50.3	36.1	36.7	60.0	W	43.5	69.0	46.0	46.9	55.6	37.2	39.3
1998 Average	58.8	50.2	47.4	68.1	56.6	53.0	76.8	61.2	57.7	63.7	51.3	49.9

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												
January	63.2	52.3	52.1	74.1	55.6	58.2	82.2	59.7	63.8	68.8	53.8	55.4
February	59.6	49.9	49.9	70.0	53.2	55.6	77.8	57.5	61.2	65.0	51.5	53.1
March	57.0	47.2	47.6	67.4	50.4	53.0	74.9	54.6	58.7	62.4	48.8	50.7
April	58.2	49.9	50.4	68.4	53.3	55.6	76.1	58.7	61.5	63.5	52.0	53.5
May	59.5	52.0	52.1	69.5	55.6	57.4	77.2	60.3	63.5	64.9	53.8	55.3
June	59.4	49.9	49.5	69.5	53.2	55.2	77.1	58.5	61.3	64.8	51.8	52.9
July	58.4	48.1	47.9	68.8	52.2	53.7	76.2	56.9	59.9	63.9	50.0	51.4
August	55.5	42.8	43.6	66.2	45.8	49.7	73.6	51.7	56.0	61.1	44.7	47.2
September	53.8	42.5	44.6	64.6	46.2	50.2	72.0	50.9	56.2	59.5	44.4	48.0
October	56.5	47.3	47.5	67.1	50.6	53.2	74.6	55.4	59.0	62.1	49.0	50.8
November	54.9	41.8	41.0	65.7	45.0	47.6	73.0	49.4	53.1	60.7	43.5	44.6
December	50.9	34.6	35.8	62.2	37.5	42.5	69.4	41.8	47.8	57.0	36.2	39.5
1998 Average	57.2	46.7	46.8	67.8	50.0	52.7	75.2	54.7	58.4	62.8	48.4	50.1
Florida												
January	63.9	51.7	53.1	75.6	55.5	59.9	83.0	58.9	66.2	70.0	53.2	57.2
February	59.9	49.6	50.3	70.9	53.2	56.4	78.2	57.1	62.6	65.8	51.1	54.2
March	57.2	46.7	47.8	68.0	50.1	53.6	75.1	53.8	60.0	63.1	48.1	51.7
April	58.3	49.4	50.2	68.9	53.2	55.9	75.9	58.4	62.1	64.1	51.2	54.0
May	60.0	51.5	52.0	70.1	55.3	57.6	77.3	59.2	64.1	65.8	53.1	55.9
June	60.0	49.6	50.0	70.3	52.9	56.1	77.4	57.9	62.4	65.9	51.3	54.1
July	59.1	47.8	48.4	69.9	52.5	54.8	76.4	56.5	61.4	65.1	49.7	52.7
August	56.2	42.6	44.2	67.7	44.8	51.2	74.1	50.7	57.9	62.5	44.1	48.7
September	54.3	42.3	44.9	65.9	46.1	51.2	72.3	50.5	57.7	60.7	44.1	49.1
October	57.2	47.0	47.9	68.6	50.7	54.1	74.9	54.6	60.3	63.4	48.5	52.0
November	56.0	41.6	42.5	67.6	45.6	49.8	73.7	48.7	55.9	62.3	43.2	46.9
December	52.0	34.8	37.2	64.6	37.6	45.0	70.6	41.5	51.1	58.8	36.0	41.8
1998 Average	57.9	46.4	47.3	69.0	50.2	53.8	75.6	54.1	60.1	63.9	48.0	51.5
Georgia												
January	59.2	51.8	50.6	69.2	54.7	56.5	78.4	59.5	61.3	64.5	53.8	53.4
February	56.0	49.2	48.5	65.9	52.4	54.5	75.0	56.8	59.5	61.4	51.3	51.4
March	53.4	46.9	46.4	63.8	49.6	51.9	72.1	54.2	56.9	59.0	48.9	49.2
April	54.8	49.5	49.5	65.0	52.9	54.7	73.8	57.5	60.1	60.3	51.7	52.3
May	55.7	51.2	51.2	65.9	54.8	56.5	74.7	59.8	62.3	61.2	53.7	54.1
June	56.1	49.2	48.8	66.4	53.0	54.4	75.2	58.0	60.0	61.7	51.7	51.8
July	55.4	47.7	47.2	65.7	51.7	52.9	74.4	56.4	58.7	61.0	50.0	50.2
August	52.7	42.5	42.8	63.1	46.2	48.7	71.7	51.8	54.4	58.4	45.1	45.9
September	51.9	42.0	44.0	62.3	45.3	49.4	70.7	50.3	55.0	57.6	44.3	46.9
October	55.0	46.8	46.7	65.2	50.1	52.5	74.0	55.1	57.6	60.7	49.2	49.7
November	53.2	40.7	39.6	63.4	43.8	46.3	72.0	W	50.6	59.0	43.0	42.7
December	49.5	33.5	34.5	60.2	36.6	41.3	68.4	W	45.3	55.5	35.9	37.6
1998 Average	54.4	46.0	45.8	64.6	49.3	51.6	73.3	54.0	56.6	60.0	48.3	48.7
North Carolina												
January	62.8	52.1	51.0	73.2	55.1	55.6	81.7	59.5	60.9	67.6	53.3	53.5
February	59.0	49.6	49.2	69.2	52.5	53.8	76.6	57.0	59.1	63.8	50.7	51.8
March	55.8	47.1	46.8	65.7	50.8	51.3	74.0	54.4	56.8	60.6	48.2	49.5
April	56.6	49.8	49.9	66.5	52.6	54.6	75.6	57.7	60.3	61.5	51.1	52.7
May	58.8	51.5	51.6	68.6	54.5	56.3	76.4	60.1	62.3	63.6	52.9	54.4
June	57.4	49.4	48.4	67.1	52.0	53.2	75.7	57.7	59.2	62.3	50.7	51.2
July	56.3	47.5	46.8	66.0	50.7	51.5	74.2	56.1	57.6	61.2	48.8	49.8
August	54.0	42.3	42.1	63.6	W	47.0	70.5	51.1	53.2	58.9	43.7	45.1
September	52.5	42.0	43.7	62.0	46.3	48.3	70.0	50.7	54.2	57.5	43.4	46.6
October	55.4	47.3	46.6	65.1	49.3	51.2	73.5	55.3	57.0	60.5	48.5	49.4
November	52.9	41.8	39.3	63.3	43.6	44.0	70.9	49.1	49.5	58.2	42.9	42.1
December	47.1	34.5	33.9	57.0	36.9	38.5	65.3	41.9	43.8	52.4	35.7	36.7
1998 Average	55.7	46.3	45.7	65.5	49.2	50.5	73.4	54.3	55.9	60.6	47.6	48.5

See footnotes at end of table.

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

Geographic Area Month	Regular			Midgrade			Premium			All Grades		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a	
South Carolina												
January	59.2	51.7	50.8	69.0	W	55.8	77.5	60.3	61.2	63.6	53.6	53.3
February	56.2	49.2	49.1	65.5	W	53.8	73.9	56.8	58.7	60.5	50.9	51.6
March	54.8	46.8	46.7	64.3	W	51.6	72.6	54.9	56.9	59.3	48.8	49.3
April	56.6	49.4	49.9	66.6	W	54.7	75.6	58.7	60.5	61.3	51.6	52.5
May	57.2	51.8	51.6	67.1	W	56.5	75.7	60.7	62.4	61.8	53.9	54.3
June	55.8	49.2	48.2	65.8	W	53.3	74.1	58.4	59.0	60.5	51.3	50.9
July	54.4	47.5	46.7	64.5	W	51.7	72.9	W	57.5	59.1	49.7	49.5
August	51.3	42.5	42.2	61.7	W	47.3	70.2	W	53.3	56.2	44.9	45.0
September	50.3	42.2	43.9	60.6	W	48.7	69.4	51.2	54.4	55.3	44.5	46.5
October	53.6	47.2	46.7	63.4	W	51.7	72.2	W	57.1	58.4	49.0	49.4
November	51.2	41.7	39.1	61.2	W	44.4	69.8	W	49.5	56.1	43.5	41.9
December	46.2	34.1	33.9	56.9	W	39.0	65.0	41.7	43.4	51.3	35.8	36.6
1998 Average	54.0	45.9	45.6	63.9	W	50.7	72.3	54.7	55.9	58.6	47.9	48.3
Virginia												
January	69.1	54.9	54.5	80.5	W	60.5	86.3	W	65.9	74.5	56.4	57.9
February	65.0	52.1	52.0	76.3	W	57.8	82.5	W	63.6	70.5	53.7	55.3
March	61.7	49.6	49.8	72.7	W	55.4	79.3	W	61.0	67.2	51.2	53.1
April	62.2	52.9	52.5	73.5	W	57.7	79.5	W	63.5	67.6	56.2	55.7
May	62.8	54.5	54.0	73.4	W	59.1	80.1	62.8	65.1	68.1	56.3	57.2
June	62.9	51.8	51.5	73.8	W	57.4	79.9	W	63.6	68.2	53.8	54.9
July	62.5	50.1	49.8	73.6	W	55.7	79.9	W	61.8	68.0	52.2	53.3
August	60.5	44.4	45.7	71.9	W	52.1	77.9	W	58.1	66.1	46.4	49.3
September	57.8	44.3	46.1	68.8	W	51.7	74.8	W	57.6	63.4	46.2	49.5
October	59.2	48.2	49.0	69.6	W	54.9	76.1	W	60.9	64.6	50.3	52.5
November	57.0	43.1	43.1	67.5	W	50.0	73.5	W	55.6	62.4	45.2	46.9
December	53.6	36.0	38.2	64.4	W	45.4	70.0	W	50.8	59.3	38.0	42.0
1998 Average	61.1	48.8	48.8	72.1	W	54.8	78.0	W	60.5	66.5	50.7	52.2
West Virginia												
January	68.8	54.8	50.5	78.6	W	57.9	87.5	W	61.8	72.5	56.6	53.0
February	66.7	53.5	50.3	76.5	W	56.9	85.3	66.6	61.2	70.5	56.9	52.7
March	64.0	50.4	47.6	73.6	W	53.8	82.5	W	58.1	67.8	52.1	49.9
April	65.7	54.4	51.3	75.1	W	56.6	84.6	63.4	61.8	69.4	56.0	53.4
May	68.4	58.8	55.2	77.7	W	60.7	86.8	W	66.2	72.0	60.3	57.5
June	67.7	56.0	52.8	77.2	W	59.7	86.2	W	64.5	71.3	57.5	55.4
July	64.6	53.5	51.0	74.3	W	57.2	83.0	W	62.8	68.4	55.0	53.6
August	57.8	48.4	46.5	67.4	W	52.7	76.3	W	57.8	61.6	49.8	49.2
September	55.2	49.1	47.1	64.8	W	53.1	74.0	W	58.2	58.9	50.7	49.7
October	56.6	51.7	49.4	65.9	W	54.8	74.9	W	60.4	60.3	53.2	52.2
November	56.3	46.6	43.0	65.7	W	50.2	74.8	W	54.6	60.1	48.1	45.9
December	53.8	39.1	37.3	63.2	W	44.2	72.0	W	48.6	57.6	40.4	40.2
1998 Average	61.9	51.7	48.7	71.5	W	54.8	80.3	60.7	59.6	65.6	53.4	51.2
PAD District II												
January	64.8	55.8	50.8	71.7	58.9	57.7	79.3	65.8	61.0	67.9	57.2	52.7
February	64.5	56.5	51.5	73.2	59.4	57.9	80.2	64.9	61.5	67.7	57.6	53.4
March	63.6	56.3	49.7	72.5	56.9	56.0	79.6	61.5	59.6	66.9	56.9	51.5
April	65.8	57.6	52.9	75.0	62.6	59.2	82.4	67.0	63.4	69.1	59.0	54.7
May	69.5	60.7	56.0	78.9	W	62.6	86.2	70.7	67.0	72.9	62.2	58.0
June	68.1	58.6	53.8	77.6	W	60.6	85.0	68.0	64.7	71.5	60.0	55.8
July	67.5	57.0	52.5	76.9	W	59.2	84.5	66.5	63.0	70.9	58.6	54.5
August	62.8	51.9	46.8	72.4	W	53.9	80.1	60.7	57.9	66.4	53.3	48.9
September	61.6	51.4	47.3	71.0	W	54.0	79.0	60.0	58.1	65.2	52.8	49.4
October	62.8	53.4	48.1	71.3	56.4	54.8	79.7	60.8	59.0	66.3	54.4	50.1
November	57.7	48.0	41.9	67.0	51.7	49.3	74.7	56.2	52.8	61.4	49.2	44.0
December	51.5	41.9	36.4	61.2	44.9	43.7	68.7	48.2	47.1	55.4	42.8	38.5
1998 Average	63.4	54.1	49.0	72.3	58.5	55.7	79.8	62.3	59.4	66.8	55.4	50.9

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	
Illinois												
January	67.5	55.8	52.2	71.8	W	63.2	80.0	W	65.1	70.6	58.2	55.2
February	65.3	56.3	52.4	74.1	W	62.0	80.7	W	64.6	69.2	58.1	55.2
March	64.1	55.5	50.5	73.4	W	59.9	80.1	W	63.6	68.0	57.4	53.5
April	67.1	57.6	54.8	76.8	NA	64.0	83.5	W	68.4	71.1	NA	57.7
May	71.7	60.9	58.8	81.3	W	68.8	88.1	W	73.6	75.7	NA	62.0
June	70.7	NA	56.6	80.5	NA	68.0	87.4	NA	71.7	74.7	NA	59.9
July	71.7	57.9	55.3	82.2	NA	66.4	89.4	W	69.5	76.0	NA	58.7
August	68.5	NA	48.8	78.5	W	60.7	85.9	W	64.9	72.8	NA	52.4
September	66.0	NA	49.3	76.2	NA	60.1	83.9	NA	64.8	70.4	NA	52.7
October	66.5	NA	50.0	74.5	NA	59.8	83.1	W	64.0	70.6	NA	53.2
November	62.8	NA	44.8	72.0	NA	56.1	80.3	NA	60.3	67.2	NA	48.5
December	57.5	NA	39.2	66.9	NA	51.8	74.8	NA	55.0	61.7	NA	42.9
1998 Average	66.7	54.6	51.0	75.5	NA	61.6	83.0	W	65.4	70.7	NA	54.3
Indiana												
January	64.3	53.4	51.0	68.5	W	56.1	75.6	W	61.2	66.8	53.5	53.0
February	63.6	54.4	50.9	70.7	W	56.4	76.9	W	61.9	66.5	54.5	52.9
March	62.6	52.7	49.0	70.3	W	54.4	76.1	W	59.7	65.6	52.8	51.1
April	65.8	55.7	52.6	74.1	63.0	57.8	80.9	W	63.8	68.9	56.2	54.7
May	69.9	59.9	55.5	78.6	NA	61.2	86.3	76.3	67.3	73.1	60.1	57.6
June	66.6	55.6	52.7	75.6	W	58.4	83.1	W	64.3	69.9	55.8	54.8
July	65.8	52.5	51.3	74.8	NA	56.9	82.4	W	62.7	69.1	52.7	53.5
August	60.0	49.0	45.7	69.2	47.5	51.5	76.9	W	57.4	63.4	49.0	48.1
September	60.3	46.8	46.8	69.5	W	52.2	77.6	W	57.9	63.9	47.1	49.0
October	60.4	48.8	47.5	67.9	—	52.8	76.0	W	59.1	63.7	49.0	49.7
November	57.3	41.8	41.8	65.3	—	47.2	72.8	W	53.2	60.7	41.9	44.1
December	53.0	39.0	36.5	62.1	—	42.4	69.2	W	46.8	56.7	39.2	38.7
1998 Average	62.5	49.9	48.4	70.4	57.0	53.8	77.6	59.5	59.2	65.7	50.1	50.5
Iowa												
January	62.6	52.5	51.3	70.3	—	57.2	72.6	—	59.4	63.6	52.5	52.5
February	61.5	54.3	52.5	68.2	—	58.3	71.6	—	60.7	62.5	54.3	53.7
March	63.2	52.0	51.4	70.7	—	56.8	72.4	W	59.4	64.2	53.0	52.6
April	61.7	54.7	53.7	68.9	—	58.9	71.6	NA	61.8	62.7	56.3	54.8
May	62.5	56.8	56.1	73.7	—	61.3	73.5	NA	64.4	63.8	58.0	57.1
June	61.7	54.2	53.8	W	—	59.1	W	NA	62.2	62.8	55.2	54.8
July	65.2	54.1	52.6	W	—	58.1	73.7	NA	61.2	66.1	55.3	53.7
August	59.7	W	47.0	W	—	52.5	69.4	NA	56.4	60.8	W	48.1
September	57.7	W	47.6	W	—	53.7	67.5	NA	57.1	58.8	W	48.8
October	57.6	W	47.9	W	—	53.6	66.8	NA	57.5	58.7	W	49.1
November	52.2	43.8	40.8	W	—	46.2	61.3	NA	50.0	53.4	44.3	41.9
December	49.0	W	36.0	W	—	42.5	58.3	NA	45.0	50.3	W	37.3
1998 Average	59.9	50.5	49.3	66.6	—	54.4	69.3	W	58.1	61.0	51.3	50.4
Kansas												
January	61.0	54.1	49.4	69.1	—	54.8	76.7	W	56.5	63.3	54.3	50.1
February	61.2	56.7	50.9	69.9	—	56.5	77.0	W	58.7	63.4	56.7	51.6
March	60.5	54.1	49.5	69.5	—	56.0	75.4	W	57.4	62.9	54.3	50.2
April	62.2	56.2	51.4	71.6	—	NA	78.2	W	59.5	64.7	56.4	52.1
May	63.4	57.9	53.8	73.5	—	NA	80.1	W	61.4	66.1	58.3	54.6
June	61.6	55.6	51.7	70.3	—	58.8	77.6	W	59.4	64.1	56.0	52.5
July	64.0	53.1	50.8	73.6	W	57.8	79.5	59.3	58.6	66.4	53.8	51.7
August	60.0	51.0	45.2	69.1	—	53.0	75.7	W	52.5	62.5	51.3	46.2
September	57.7	49.4	45.9	66.6	W	NA	73.7	W	52.9	60.2	49.5	46.7
October	58.9	51.8	46.1	67.9	W	NA	74.9	52.9	54.2	61.4	51.9	46.9
November	52.0	46.2	38.8	59.9	W	46.4	66.5	46.1	46.0	54.4	46.2	39.7
December	44.9	41.9	34.1	52.4	W	41.6	59.3	W	42.3	47.2	41.5	35.1
1998 Average	58.7	52.5	47.2	67.3	W	53.8	74.1	55.1	54.5	61.1	52.7	48.0

See footnotes at end of table.

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

Geographic Area Month	Regular			Midgrade			Premium			All Grades		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a	
Kentucky												
January	67.6	54.3	51.3	76.8	W	56.4	85.5	60.0	61.0	71.5	55.0	53.5
February	66.2	54.2	51.0	75.6	W	55.9	84.3	58.7	60.7	70.2	54.7	53.2
March	64.5	51.8	48.5	73.9	W	53.1	82.7	55.8	58.0	68.5	52.2	50.7
April	68.9	53.3	52.7	78.5	W	57.8	87.2	60.4	62.5	72.8	54.1	54.8
May	73.2	55.4	55.9	84.4	W	61.4	93.1	63.7	66.6	77.5	56.8	58.2
June	73.6	53.7	52.5	84.3	W	57.7	92.8	60.0	62.8	77.7	54.8	54.8
July	70.2	51.6	50.6	80.9	W	55.9	89.5	58.0	61.1	74.4	52.7	53.1
August	63.8	48.5	45.0	74.3	W	50.1	83.4	53.3	55.5	68.1	49.4	47.4
September	62.9	48.5	46.2	72.9	W	50.9	82.2	51.6	56.4	67.1	49.2	48.5
October	65.1	51.7	48.2	75.3	W	53.0	84.6	56.7	58.7	69.4	52.3	50.5
November	60.0	49.0	42.2	71.0	47.5	46.8	80.1	52.7	52.4	64.8	49.4	44.6
December	54.8	43.3	36.2	65.5	W	40.6	74.6	43.7	46.4	59.4	43.3	38.7
1998 Average	66.0	51.3	48.4	76.1	W	53.2	84.9	56.0	58.3	70.2	52.0	50.6
Michigan												
January	59.3	60.4	49.2	65.5	56.5	54.5	71.6	W	60.2	61.7	61.9	51.3
February	61.3	60.4	50.9	69.3	55.8	56.5	76.8	69.8	62.2	63.7	61.8	52.8
March	61.1	58.5	49.0	69.5	53.3	55.7	76.9	66.4	60.4	63.6	59.5	51.1
April	62.5	61.6	52.8	70.9	W	58.3	78.4	NA	64.3	64.9	NA	54.8
May	66.6	64.0	56.7	74.9	W	62.2	83.1	NA	68.5	69.0	NA	58.7
June	64.8	NA	54.9	73.2	W	61.0	81.2	NA	66.8	67.3	NA	57.0
July	65.1	NA	53.5	73.6	W	60.0	81.4	NA	65.3	67.6	NA	55.6
August	59.9	54.2	47.6	68.8	54.0	54.5	76.7	NA	59.7	62.6	NA	49.9
September	58.8	53.5	48.2	67.1	W	53.5	75.4	NA	59.6	61.4	NA	50.3
October	59.0	56.0	48.0	66.5	W	54.0	75.3	NA	59.9	61.5	NA	50.2
November	55.1	NA	42.7	63.7	W	49.5	71.3	W	54.5	57.7	NA	44.9
December	47.6	NA	36.1	56.4	W	42.8	63.7	W	47.6	50.4	NA	38.4
1998 Average	60.1	57.2	49.2	68.2	55.5	55.3	75.7	NA	60.7	62.6	58.6	51.3
Minnesota												
January	74.6	59.9	55.1	81.3	W	58.9	88.6	W	61.5	76.8	59.8	56.3
February	74.2	60.7	56.1	80.5	W	59.6	88.1	—	62.7	76.2	60.9	57.2
March	75.1	59.1	54.5	81.4	W	58.1	88.9	—	61.5	77.1	59.2	55.6
April	73.6	60.5	56.0	80.1	W	59.2	87.5	—	63.5	75.8	60.6	57.1
May	77.0	62.8	59.2	83.2	—	62.5	90.6	W	66.2	79.1	62.8	60.3
June	78.5	61.7	57.9	85.0	—	61.4	92.0	W	64.4	80.6	61.8	59.0
July	77.2	60.9	56.8	83.8	—	60.8	90.4	W	63.9	79.4	61.0	58.0
August	72.1	57.0	51.8	78.6	—	56.1	84.9	—	59.6	74.3	57.0	53.2
September	71.5	56.3	52.5	78.0	—	56.1	84.5	—	60.1	73.7	56.3	53.8
October	72.8	57.2	52.2	79.2	—	55.5	86.4	—	60.4	75.0	57.2	53.4
November	64.4	49.2	44.8	69.7	—	49.0	77.0	—	52.7	66.4	49.2	46.1
December	58.7	43.9	39.3	64.6	—	43.2	72.3	—	47.4	61.0	43.9	40.6
1998 Average	72.6	57.5	53.0	78.6	W	56.5	85.7	W	60.2	74.7	57.6	54.2
Missouri												
January	59.2	60.6	50.0	68.7	W	55.8	78.6	W	58.9	62.7	60.8	51.3
February	60.7	60.9	50.7	70.7	W	56.5	80.3	W	59.8	64.2	61.1	52.0
March	58.4	59.6	48.8	67.9	W	54.6	77.3	W	57.8	61.8	59.7	50.2
April	62.4	NA	51.8	71.7	W	58.1	81.6	W	60.9	65.9	NA	53.2
May	64.9	NA	54.7	74.2	W	NA	83.6	W	64.1	68.3	NA	56.2
June	62.7	NA	52.5	72.6	NA	60.2	82.2	NA	62.1	66.4	NA	54.0
July	65.5	W	51.7	74.6	NA	59.5	84.4	W	61.1	68.9	W	53.3
August	59.2	NA	45.8	68.2	NA	53.1	78.3	NA	55.6	62.7	NA	47.4
September	57.8	NA	46.3	67.1	W	52.9	77.4	W	55.8	61.4	NA	47.9
October	58.4	NA	46.5	67.4	W	52.4	77.6	W	55.9	62.0	NA	48.0
November	52.2	NA	40.0	62.1	W	47.7	71.0	W	49.3	56.0	NA	41.6
December	43.9	NA	34.9	54.4	NA	41.2	63.1	NA	43.8	48.0	NA	36.4
1998 Average	58.8	57.4	47.7	68.0	W	54.2	77.7	W	56.7	62.3	57.5	49.2

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												
January	59.9	W	51.7	66.3	—	56.7	W	—	60.1	60.9	W	52.6
February	59.1	W	52.6	67.2	—	58.4	W	—	60.7	60.2	W	53.3
March	62.3	W	51.4	71.1	—	57.0	W	—	59.9	63.4	W	52.3
April	61.7	W	53.5	71.1	—	58.6	W	—	62.0	62.8	W	54.4
May	62.1	W	55.8	71.7	—	60.6	72.8	—	64.5	63.5	W	56.7
June	58.4	52.6	53.5	69.3	—	58.8	70.0	—	62.1	59.8	52.6	54.4
July	59.4	52.4	52.4	W	—	58.0	W	—	61.1	60.8	52.4	53.4
August	57.1	46.7	46.8	W	—	53.1	W	—	55.6	58.6	46.7	47.8
September	55.6	W	47.2	W	—	53.4	W	—	56.0	57.1	W	48.2
October	58.0	W	47.7	W	—	53.6	W	—	56.4	59.5	W	48.6
November	52.2	W	40.8	W	—	48.3	W	—	49.8	53.8	W	41.8
December	47.7	W	35.4	W	—	42.6	W	—	44.1	49.2	W	36.5
1998 Average	58.5	48.1	49.0	67.9	—	54.8	68.6	—	57.6	59.7	48.1	50.0
North Dakota												
January	W	W	51.6	—	—	60.1	W	—	60.9	W	W	52.7
February	W	W	52.2	—	—	60.5	W	—	61.3	W	W	53.1
March	W	W	51.8	—	—	60.7	W	—	61.5	W	W	52.8
April	W	W	54.5	—	—	NA	—	—	64.1	W	W	55.4
May	W	W	56.9	W	—	NA	W	—	66.8	W	W	57.8
June	W	W	54.6	W	—	NA	W	—	64.4	W	W	55.6
July	W	W	53.9	W	—	NA	W	—	63.8	W	W	54.8
August	W	W	49.2	W	—	NA	W	—	59.7	W	W	50.2
September	W	NA	48.6	W	—	NA	W	—	58.5	W	NA	49.6
October	W	W	49.4	W	—	NA	W	—	58.9	W	W	50.3
November	W	W	43.0	W	—	NA	W	—	52.3	W	W	44.0
December	W	W	37.3	W	—	NA	W	—	46.9	W	W	38.3
1998 Average	W	W	50.4	W	—	58.4	W	—	59.8	W	W	51.3
Ohio												
January	66.5	55.1	51.2	73.4	W	58.0	82.2	67.8	63.2	69.7	57.1	53.6
February	66.9	55.4	52.5	75.3	60.2	59.1	83.4	W	64.1	70.2	57.0	54.7
March	65.6	58.9	50.0	74.8	W	56.6	83.4	62.5	61.9	69.1	59.2	52.3
April	67.8	57.8	53.8	77.2	W	60.8	86.4	W	64.9	71.4	59.6	56.1
May	72.2	W	57.8	81.6	W	64.5	90.7	W	70.3	75.7	W	60.2
June	70.5	59.9	55.4	80.0	W	62.2	89.2	W	67.9	74.1	W	57.8
July	67.9	W	53.8	77.3	W	59.8	86.3	69.3	66.1	71.5	W	56.1
August	63.8	W	47.6	73.2	W	54.6	82.4	63.0	60.4	67.5	W	50.1
September	62.7	W	48.4	72.1	W	54.6	81.4	61.7	60.8	66.4	W	50.8
October	64.8	W	49.3	74.0	W	55.8	83.6	61.5	61.6	68.5	W	51.7
November	59.5	W	44.4	69.2	W	51.3	78.8	57.0	56.7	63.4	W	46.8
December	53.4	42.4	38.0	62.9	W	44.5	72.4	49.8	50.0	57.4	43.7	40.5
1998 Average	65.3	55.1	50.1	74.2	W	56.8	83.2	64.2	62.2	68.8	56.6	52.5
Oklahoma												
January	57.8	52.5	48.1	64.1	W	51.1	70.5	58.8	55.0	60.4	53.6	48.7
February	56.4	53.9	49.5	63.2	W	52.4	69.9	W	56.6	59.1	54.4	50.2
March	58.4	50.9	48.4	65.5	W	51.0	72.2	55.3	55.0	61.2	51.7	49.0
April	58.3	53.8	49.9	64.6	W	53.6	71.4	W	58.0	61.0	54.4	50.6
May	61.9	54.8	51.6	69.0	W	55.4	76.6	W	59.7	64.9	55.5	52.5
June	61.1	54.5	50.2	68.3	W	53.4	76.2	58.9	58.3	64.1	55.1	51.0
July	61.3	51.3	49.0	68.6	W	52.8	76.5	58.2	56.2	64.4	52.5	50.0
August	57.7	48.4	44.6	65.0	W	47.8	73.0	W	52.6	60.8	49.1	45.6
September	55.4	47.1	44.0	62.8	—	48.0	70.8	W	51.7	58.6	47.8	44.9
October	56.2	50.8	44.8	62.7	W	49.1	69.5	W	52.3	59.0	51.4	45.7
November	49.0	44.1	38.1	56.1	W	40.1	60.9	W	44.2	51.8	44.8	38.9
December	41.0	37.4	34.0	48.5	W	35.7	54.1	40.5	39.6	44.0	37.9	34.6
1998 Average	56.1	50.0	45.9	63.1	W	49.4	69.7	54.5	52.7	59.0	50.7	46.7

See footnotes at end of table.

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

Geographic Area Month	Regular			Midgrade			Premium			All Grades		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a	
South Dakota												
January	76.8	52.9	53.2	W	—	59.8	85.8	W	62.0	77.3	54.5	54.2
February	74.6	54.1	53.0	W	—	59.6	84.7	—	60.7	75.1	54.1	53.9
March	72.5	49.9	51.8	W	—	58.3	79.9	—	60.2	72.8	49.9	52.8
April	72.3	54.5	54.7	W	—	60.0	81.7	NA	63.4	72.8	54.8	55.5
May	NA	55.6	56.7	W	—	62.3	W	—	65.7	71.3	55.6	57.7
June	66.5	54.3	54.9	W	—	60.8	79.7	—	64.2	70.5	54.3	55.9
July	65.3	53.4	54.4	W	—	60.0	79.4	—	64.6	69.4	53.4	55.5
August	62.2	48.4	49.6	W	—	56.1	75.8	—	60.4	66.0	48.4	50.9
September	59.7	W	48.9	W	—	55.2	73.3	—	57.9	63.7	W	49.9
October	57.6	47.4	49.1	W	—	55.2	73.1	—	58.5	61.5	47.4	50.0
November	56.1	41.9	42.5	W	—	49.1	73.6	—	52.2	59.4	41.9	43.5
December	54.8	36.6	36.8	W	—	44.0	68.9	—	46.4	57.9	36.6	37.9
1998 Average	66.8	50.1	50.5	W	—	56.7	W	W	59.8	68.1	50.3	51.5
Tennessee												
January	64.6	51.0	50.6	75.8	W	56.0	83.5	58.0	60.8	70.3	52.2	53.4
February	62.4	52.7	49.1	72.5	54.7	54.3	80.9	56.1	59.3	67.9	53.3	51.9
March	60.7	50.6	46.9	69.8	W	51.8	78.4	55.0	56.8	65.9	51.2	49.6
April	62.2	53.2	50.0	71.6	W	55.0	80.5	57.9	60.6	67.5	54.0	52.9
May	62.4	54.6	52.0	71.7	W	57.1	81.0	61.8	63.0	67.7	56.0	55.0
June	61.3	51.2	49.4	71.1	55.6	54.4	80.2	56.9	60.0	66.7	52.2	52.2
July	60.2	49.6	47.4	70.6	W	52.7	79.5	55.8	58.2	65.9	50.6	50.4
August	56.1	44.7	42.5	66.7	W	48.0	75.2	50.4	53.5	61.8	45.5	45.5
September	55.9	46.4	43.8	65.3	W	48.8	74.9	51.0	54.4	61.6	47.0	46.7
October	58.7	48.7	46.5	65.9	W	51.6	77.2	54.3	56.8	64.0	49.4	49.4
November	52.6	41.3	39.0	61.9	42.8	44.3	71.1	49.1	49.1	58.4	42.2	41.9
December	47.5	35.3	33.9	58.0	W	39.0	65.5	41.3	43.8	53.4	36.1	36.8
1998 Average	58.7	47.8	45.9	68.4	52.3	51.0	77.0	54.2	56.1	64.2	48.7	48.7
Wisconsin												
January	66.4	47.9	50.4	72.5	W	57.3	78.9	W	59.5	68.4	48.3	52.0
February	66.1	52.9	52.1	74.4	W	57.8	80.0	W	61.2	68.3	53.1	53.4
March	63.8	47.6	49.8	72.4	W	56.4	77.8	W	59.2	66.0	48.1	51.1
April	67.6	52.8	53.8	76.1	W	60.3	82.6	W	63.6	69.8	53.1	55.2
May	72.0	56.9	57.4	80.0	—	64.3	86.1	W	68.2	74.1	57.2	58.9
June	69.9	53.6	55.2	78.3	W	62.4	83.8	W	65.9	72.1	53.7	56.8
July	69.5	51.7	53.3	78.0	—	59.9	83.4	W	63.7	71.7	52.0	54.9
August	64.1	45.6	47.0	72.6	—	54.4	78.6	W	57.9	66.4	46.2	48.6
September	62.8	48.4	47.9	72.1	W	54.7	77.3	W	58.4	65.2	49.2	49.5
October	63.8	46.6	47.9	72.0	—	54.8	77.6	W	58.4	66.1	47.2	49.4
November	58.1	41.4	41.9	66.7	W	49.8	73.3	W	52.2	60.6	42.1	43.5
December	51.6	35.0	36.6	60.4	W	44.2	67.4	W	46.8	54.2	35.5	38.2
1998 Average	64.7	47.7	49.5	72.8	54.3	56.5	78.7	W	59.5	66.9	48.1	51.0
PAD District III												
January	66.6	50.4	51.0	77.8	53.3	56.9	85.3	58.7	60.3	71.5	51.2	52.6
February	63.0	51.2	49.0	74.2	52.0	55.0	81.3	57.3	59.2	67.8	51.9	50.6
March	59.9	47.3	46.5	70.9	49.8	52.5	78.2	54.6	56.2	64.8	48.2	48.2
April	60.5	49.0	48.2	71.4	51.7	54.6	78.1	57.1	57.5	65.7	50.0	49.8
May	61.5	50.4	50.1	72.4	53.3	56.5	79.6	59.6	59.8	66.8	51.5	51.9
June	61.0	48.2	47.5	72.3	50.9	54.1	79.4	56.6	58.3	66.4	49.2	49.4
July	59.8	NA	46.1	71.2	49.3	52.4	78.9	55.1	57.0	65.0	47.1	48.0
August	58.0	43.1	41.6	69.6	44.3	48.0	76.9	47.0	52.0	63.2	43.8	43.6
September	56.1	NA	42.3	67.6	44.6	48.6	75.0	NA	51.8	61.3	43.5	44.4
October	57.6	44.4	44.9	68.8	48.1	51.5	76.6	54.2	55.1	62.8	45.7	46.9
November	55.4	NA	38.9	66.9	40.7	45.3	74.4	46.0	48.0	60.6	41.0	40.9
December	51.0	36.9	33.6	63.1	37.9	40.3	70.4	42.8	42.5	56.5	38.0	35.6
1998 Average	59.0	46.0	45.2	70.3	48.1	51.3	77.6	51.2	54.4	64.1	46.8	46.9

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	
Alabama												
January	67.0	51.1	50.7	77.3	54.5	55.9	85.8	60.2	61.2	72.1	53.3	53.5
February	64.0	49.7	49.3	73.9	W	54.3	82.7	58.4	59.7	69.1	51.8	52.1
March	60.6	46.8	46.9	70.3	W	51.8	79.4	55.3	57.2	65.6	48.9	49.7
April	59.9	49.2	49.7	69.8	53.0	54.5	79.1	58.5	60.2	65.0	51.4	52.5
May	61.0	51.2	51.7	70.4	54.2	56.5	79.6	60.7	62.5	66.0	53.5	54.6
June	61.3	49.0	48.9	71.3	52.1	54.0	80.1	57.8	59.9	66.3	50.9	51.8
July	60.6	47.3	47.2	70.8	50.5	52.2	79.5	56.6	58.6	65.7	49.3	50.3
August	58.6	42.1	42.8	69.1	45.4	47.8	77.6	51.9	54.2	63.8	44.4	45.9
September	57.1	41.8	43.7	67.1	44.3	48.8	75.9	52.3	54.6	62.3	44.4	46.7
October	58.5	46.3	46.7	68.2	49.5	51.6	77.3	55.2	57.4	63.6	48.5	49.6
November	56.8	40.5	39.4	66.9	W	44.5	75.2	49.6	49.8	62.0	42.7	42.4
December	52.4	33.0	34.1	62.8	W	39.2	70.8	40.8	44.5	57.7	34.8	37.1
1998 Average	59.8	45.5	45.9	69.8	48.8	50.9	78.5	54.5	56.5	64.9	47.7	48.8
Arkansas												
January	63.8	W	50.5	74.1	W	54.8	82.9	W	59.1	67.7	50.8	52.3
February	60.6	W	49.4	70.3	—	53.5	79.5	—	57.9	64.4	W	51.2
March	60.0	W	47.2	69.6	—	51.1	78.8	—	55.1	63.9	W	48.9
April	62.6	W	50.2	72.1	W	54.2	81.8	—	58.2	66.7	W	52.0
May	63.6	W	52.0	73.2	—	56.3	83.1	—	60.1	67.8	W	53.9
June	62.3	W	49.3	72.0	—	53.3	81.7	—	59.0	66.5	W	51.3
July	60.5	W	47.7	70.3	W	51.5	80.0	W	56.5	64.5	W	49.7
August	57.7	W	43.0	67.9	—	46.9	77.0	—	52.5	61.8	W	45.2
September	56.7	W	44.4	66.4	—	48.4	76.0	W	52.8	60.8	W	46.5
October	58.9	W	46.6	68.3	—	51.0	77.8	—	54.8	62.9	W	48.6
November	51.9	W	38.8	61.6	W	43.5	70.8	W	49.0	56.1	W	40.9
December	45.1	W	33.7	55.3	—	38.3	64.6	—	43.5	49.5	W	35.7
1998 Average	58.1	50.0	46.1	67.9	W	50.3	77.0	W	54.9	62.1	49.9	48.0
Louisiana												
January	68.1	50.1	49.6	79.7	W	56.5	87.8	56.8	58.0	73.7	51.3	52.0
February	64.0	49.7	47.9	76.2	W	54.6	84.2	55.0	58.1	69.8	50.5	50.3
March	61.2	47.4	45.9	72.8	W	52.4	81.1	52.8	53.9	66.8	48.2	48.2
April	60.4	48.6	48.0	72.1	W	54.2	80.6	54.8	57.5	66.3	49.7	50.4
May	60.5	51.7	50.0	72.6	W	55.8	80.7	59.2	59.8	66.5	52.9	52.6
June	60.4	48.1	47.6	71.5	W	54.0	80.6	55.1	57.7	66.3	49.4	50.4
July	60.0	45.2	45.6	72.0	—	52.0	80.3	W	55.4	66.0	W	48.3
August	57.4	41.2	40.8	70.0	W	47.8	78.0	48.6	51.8	63.5	42.5	43.8
September	56.0	41.9	41.9	67.6	W	48.2	76.9	49.4	49.7	62.0	43.2	44.6
October	56.1	46.3	44.9	68.9	W	51.6	76.8	53.3	54.7	62.2	47.4	47.6
November	54.4	40.5	38.4	66.5	W	45.7	74.5	W	46.1	60.5	41.8	40.9
December	50.2	33.3	33.2	61.6	W	40.7	69.3	39.6	39.1	56.1	34.5	35.3
1998 Average	58.9	45.0	44.3	70.8	W	51.3	78.9	51.6	52.6	64.8	46.2	46.8
Mississippi												
January	64.1	51.2	50.1	73.9	W	54.8	82.1	59.2	58.8	68.2	52.9	52.1
February	60.9	48.7	47.9	71.0	W	53.2	79.3	56.7	58.4	65.1	50.3	49.9
March	58.0	46.1	45.7	67.9	W	50.7	75.8	54.2	55.7	62.2	47.8	47.9
April	57.4	49.4	48.3	67.6	W	53.4	74.8	56.3	57.6	61.6	51.1	50.3
May	58.6	51.0	50.1	69.1	53.8	55.4	77.8	58.7	59.7	63.0	52.6	52.2
June	59.5	49.1	47.4	70.2	51.8	52.4	78.7	57.2	56.9	63.9	50.6	49.5
July	58.8	47.0	45.5	69.0	51.0	50.8	77.9	55.3	55.9	63.2	48.8	47.8
August	57.2	41.8	40.6	67.4	45.8	45.9	76.4	50.1	51.2	61.7	43.7	42.9
September	54.7	42.0	41.5	65.1	45.3	47.3	73.3	49.6	52.4	59.3	43.5	43.8
October	54.9	46.3	45.4	64.4	49.6	50.5	72.7	53.8	55.8	59.2	47.9	47.8
November	52.4	41.3	38.1	62.7	43.2	42.9	69.5	49.4	48.1	56.7	42.9	40.6
December	48.1	33.3	33.2	57.2	W	37.8	64.7	40.9	41.3	52.3	35.1	35.5
1998 Average	56.9	45.5	44.8	67.0	48.7	49.7	74.8	53.0	54.1	61.2	47.1	46.9

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	
New Mexico												
January	78.7	W	59.2	87.6	—	64.7	98.4	W	68.9	81.8	65.3	60.8
February	75.9	W	54.6	84.8	—	60.1	94.0	W	64.2	78.8	59.1	56.2
March	69.3	W	52.2	78.4	—	56.9	87.3	—	61.7	72.4	W	53.8
April	70.7	W	53.6	79.0	—	58.1	88.2	—	62.9	73.5	W	55.1
May	70.0	W	55.8	78.6	—	60.3	88.4	—	64.9	72.9	W	57.5
June	69.4	57.7	54.8	78.4	—	59.0	89.5	—	63.8	72.8	57.7	56.4
July	67.1	56.6	53.7	76.2	W	58.5	85.9	W	63.4	70.3	56.7	55.4
August	67.9	W	49.2	77.5	—	54.6	86.6	W	58.8	71.2	W	50.9
September	65.0	W	46.6	74.8	—	51.4	82.1	W	56.4	68.2	W	48.3
October	62.8	W	49.4	72.1	—	54.3	80.9	—	59.0	66.0	W	51.2
November	60.6	W	47.2	70.2	—	51.8	79.3	—	56.8	63.9	W	48.8
December	59.7	W	41.4	68.8	—	46.2	77.2	—	50.9	62.9	W	43.1
1998 Average	67.8	W	51.4	76.7	W	56.8	85.9	W	60.7	70.9	55.0	53.1
Texas												
January	65.4	50.1	51.0	77.1	52.7	57.4	84.3	57.9	61.1	70.4	50.6	52.3
February	61.7	52.0	48.9	73.3	51.7	55.6	80.3	56.8	59.5	66.8	52.3	50.3
March	58.8	47.4	46.4	70.2	49.8	52.9	77.3	54.4	56.8	63.8	47.9	47.8
April	59.4	48.6	47.8	70.9	W	54.8	77.1	56.7	56.6	65.0	49.1	49.0
May	60.7	NA	49.6	72.0	W	56.6	78.9	NA	58.9	66.4	NA	51.0
June	60.1	NA	47.0	72.1	W	54.2	78.6	NA	57.9	65.9	NA	48.4
July	59.1	W	45.7	70.9	47.8	52.6	78.3	53.8	56.9	64.4	NA	47.1
August	57.1	W	41.2	69.2	W	48.3	76.3	W	51.2	62.6	W	42.9
September	55.2	W	41.9	67.2	44.5	48.8	74.4	W	51.5	60.7	W	43.6
October	57.3	43.1	44.2	68.7	W	51.5	76.3	53.4	54.2	62.6	43.8	46.0
November	55.2	NA	38.6	67.0	W	45.7	74.3	NA	47.8	60.6	NA	40.4
December	50.5	42.9	33.3	63.3	42.0	40.9	70.6	49.5	43.0	56.3	43.6	35.1
1998 Average	58.2	46.1	44.9	69.9	47.6	51.5	77.0	48.4	54.1	63.5	46.4	46.3
PAD District IV												
January	76.6	55.7	56.6	88.8	59.3	62.9	98.1	65.0	66.9	82.2	57.8	58.9
February	65.0	51.4	53.3	76.5	W	58.0	86.1	61.2	63.2	70.4	53.8	55.3
March	58.9	48.1	50.6	70.4	52.3	54.8	79.6	57.9	60.3	64.3	50.5	52.6
April	62.8	NA	55.0	74.1	NA	59.3	84.0	NA	64.7	68.3	NA	57.0
May	66.8	NA	59.7	78.4	NA	65.0	88.2	NA	69.6	72.4	NA	61.8
June	70.9	NA	58.7	82.1	NA	63.9	92.2	NA	68.7	76.4	NA	60.8
July	67.1	NA	58.2	79.0	NA	62.7	88.9	NA	68.3	72.9	NA	60.3
August	64.8	NA	56.5	76.7	NA	60.5	86.6	NA	66.7	70.7	NA	58.7
September	64.1	NA	55.4	76.1	NA	60.0	86.1	NA	65.5	70.1	NA	57.6
October	64.6	NA	55.8	76.4	NA	61.1	86.5	NA	65.9	70.5	NA	58.1
November	62.0	NA	50.9	74.5	NA	56.5	83.6	NA	60.7	68.2	NA	53.1
December	53.7	NA	40.2	65.8	NA	45.4	74.8	NA	50.2	59.9	NA	42.5
1998 Average	64.5	NA	54.3	76.2	57.0	59.2	85.8	NA	64.2	70.3	NA	56.5
Colorado												
January	77.2	57.9	56.2	90.6	W	62.1	100.1	W	65.3	83.1	58.4	58.3
February	65.5	51.4	51.7	78.2	—	56.5	88.0	W	60.8	71.3	51.9	53.6
March	58.5	49.9	50.8	70.9	—	54.8	80.0	W	59.7	64.2	51.2	52.6
April	63.5	54.3	54.0	75.7	—	58.1	85.9	NA	62.9	69.4	55.2	55.8
May	66.0	W	57.3	78.6	—	62.0	88.7	66.1	66.3	72.1	W	59.2
June	72.4	56.4	56.6	84.6	W	61.1	95.0	W	65.7	78.4	56.8	58.5
July	66.8	54.8	55.2	79.6	W	59.7	89.7	63.7	64.4	72.9	56.1	57.2
August	64.0	50.9	51.0	76.9	W	55.8	86.8	W	60.4	70.2	53.0	53.1
September	63.6	49.8	49.0	76.5	W	53.9	86.5	—	58.3	69.9	49.8	51.1
October	64.3	49.5	50.1	77.1	W	55.7	87.3	W	59.6	70.6	50.3	52.4
November	61.5	48.1	45.3	74.7	W	51.5	83.7	W	53.8	68.0	48.8	47.4
December	53.7	41.4	37.4	66.6	W	43.6	75.8	W	46.7	60.4	41.7	39.8
1998 Average	64.3	50.7	51.1	76.9	W	56.3	86.6	58.9	59.9	70.4	51.6	53.1

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												
January	80.5	W	56.4	88.8	W	63.0	97.0	W	67.4	82.4	W	58.3
February	69.3	52.9	54.0	78.0	W	59.6	86.3	W	64.2	71.3	W	55.9
March	61.7	W	50.1	71.5	W	55.4	79.9	W	60.4	63.8	W	51.9
April	61.0	W	56.0	70.9	NA	60.7	78.1	W	66.0	63.1	W	57.6
May	67.5	W	62.6	75.6	NA	67.4	84.5	W	72.7	69.4	W	64.3
June	68.7	W	61.5	78.5	NA	66.6	86.9	W	71.8	70.9	W	63.2
July	69.0	W	60.7	79.0	NA	66.0	86.3	W	71.1	71.4	W	62.6
August	69.3	W	60.9	77.7	NA	66.1	86.4	W	71.2	71.5	W	62.7
September	68.7	W	61.7	77.3	NA	67.0	85.9	W	72.3	70.9	W	63.6
October	68.8	W	61.4	77.7	NA	66.5	86.0	W	71.8	71.0	W	63.2
November	68.3	W	56.2	76.9	NA	60.8	85.0	W	66.5	70.4	W	58.0
December	57.8	W	42.3	69.2	NA	47.0	75.7	W	52.1	60.3	W	44.1
1998 Average	67.4	W	57.2	76.7	W	62.5	84.6	W	67.3	69.5	W	58.9
Montana												
January	W	62.2	60.3	W	—	67.0	W	W	72.3	W	63.0	62.6
February	W	W	57.4	W	—	63.5	W	W	69.2	W	W	59.7
March	W	54.9	53.2	W	—	58.6	W	W	64.8	W	55.6	55.5
April	W	57.3	55.6	W	—	60.4	W	W	66.6	W	58.2	57.6
May	W	58.2	59.0	W	—	W	W	W	70.2	W	58.4	61.2
June	W	W	59.9	W	—	W	W	W	71.0	W	W	62.1
July	W	W	60.7	W	—	W	W	W	72.0	W	64.9	63.1
August	W	61.9	61.2	W	—	W	W	W	72.9	W	63.6	63.6
September	W	W	58.8	W	—	64.1	W	W	70.6	W	W	61.2
October	W	W	58.1	W	—	62.8	W	W	70.1	W	61.2	60.6
November	W	W	53.4	W	—	57.6	W	W	65.4	W	W	55.8
December	W	W	45.4	W	—	51.3	W	W	57.5	W	W	48.1
1998 Average	W	57.6	57.2	W	—	62.0	W	70.6	68.7	W	59.6	59.5
Utah												
January	73.5	55.1	55.8	84.1	59.3	63.1	93.2	W	66.4	79.5	57.5	58.6
February	61.5	50.9	52.9	72.2	W	58.0	81.5	W	62.7	67.6	53.5	55.4
March	57.7	47.7	48.6	68.4	52.3	54.0	77.8	W	58.3	63.7	50.3	51.2
April	61.2	NA	55.4	71.5	NA	60.1	81.1	NA	64.9	67.0	NA	57.7
May	67.7	NA	62.1	78.2	NA	67.7	87.9	W	72.0	73.6	NA	64.6
June	68.1	NA	59.1	78.4	NA	65.9	88.1	W	69.4	74.1	NA	61.8
July	66.4	NA	57.9	77.2	NA	64.4	86.9	NA	68.2	72.7	NA	60.7
August	65.4	NA	56.9	76.0	NA	63.0	86.0	W	67.2	71.6	NA	59.7
September	63.8	NA	57.7	74.6	NA	64.2	84.8	W	67.9	70.2	NA	60.5
October	63.8	NA	58.8	74.6	NA	64.4	84.4	W	68.6	70.1	NA	61.5
November	61.6	NA	54.2	73.7	NA	60.3	83.1	NA	64.7	68.4	NA	57.0
December	51.7	NA	39.7	63.0	NA	45.7	71.8	W	49.8	58.3	NA	42.5
1998 Average	63.5	NA	54.9	74.3	57.0	60.7	83.8	NA	64.9	69.7	NA	57.6
Wyoming												
January	73.5	64.6	55.0	84.1	—	59.3	W	W	64.9	76.8	66.9	56.7
February	64.4	W	52.3	75.5	—	56.4	W	W	61.9	67.8	W	54.0
March	67.5	57.1	51.1	78.3	—	53.2	W	W	60.6	70.7	60.4	52.8
April	69.1	59.5	55.0	W	—	61.0	W	W	64.2	71.3	63.3	56.7
May	69.9	W	57.9	W	—	67.0	W	W	W	72.4	W	59.7
June	69.3	61.4	57.7	W	—	64.2	W	W	W	72.1	66.8	59.7
July	74.2	W	58.8	83.1	—	64.0	W	W	W	77.7	W	60.8
August	72.9	62.2	57.0	81.1	—	62.5	W	W	W	76.3	68.2	59.1
September	69.7	W	54.1	77.8	—	64.0	W	W	64.4	72.9	W	56.1
October	68.3	58.8	53.6	76.5	—	64.6	W	W	64.0	71.4	63.5	55.6
November	66.5	W	49.0	74.9	—	NA	W	W	59.3	69.6	W	50.9
December	58.3	44.1	39.0	67.2	—	45.0	W	W	49.5	61.9	49.6	41.3
1998 Average	69.0	58.6	53.9	78.3	—	58.3	W	W	63.9	72.2	63.1	55.9

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	
PAD District V												
January	82.2	65.4	66.9	91.9	69.6	76.1	102.7	77.3	82.4	86.3	67.4	70.4
February	71.9	60.0	59.3	81.7	63.1	67.3	92.8	72.8	74.0	76.1	61.7	62.5
March	64.5	53.9	54.2	74.0	57.0	61.3	85.1	66.8	68.5	68.7	55.9	57.3
April	68.1	60.6	59.0	77.0	61.1	65.4	88.2	72.0	72.6	72.2	62.3	62.1
May	76.3	67.4	65.1	85.6	70.2	73.4	96.4	77.9	79.6	80.4	69.3	68.5
June	74.8	59.5	61.7	84.1	62.1	70.9	95.0	69.7	76.5	79.0	61.4	65.3
July	72.2	55.8	59.5	81.9	61.4	68.5	93.8	67.7	74.3	76.7	57.6	63.0
August	71.2	52.8	58.0	80.9	59.1	66.5	91.4	65.9	72.2	75.5	55.1	61.5
September	69.7	53.1	57.5	79.6	59.3	66.2	90.2	66.1	72.2	74.1	55.1	61.0
October	69.2	54.7	57.4	79.8	58.2	66.3	90.4	64.5	71.9	73.8	56.1	61.0
November	67.6	52.8	56.8	78.4	58.1	65.7	88.4	63.8	71.6	72.3	54.5	60.5
December	66.9	48.6	54.3	77.7	NA	64.9	87.8	59.6	69.4	71.5	53.0	58.2
1998 Average	71.1	55.9	59.1	80.9	62.2	67.7	91.6	68.0	73.6	75.4	58.0	62.5
Alaska												
January	108.0	89.0	80.6	W	—	W	117.7	W	94.0	110.8	89.4	82.7
February	104.7	85.9	78.6	W	—	W	114.3	W	93.9	107.4	86.0	80.7
March	97.8	NA	68.9	107.1	—	85.2	107.8	W	84.8	100.4	81.8	71.0
April	96.2	87.2	67.2	105.3	—	83.9	104.9	100.7	79.7	98.7	87.9	68.9
May	98.1	86.7	69.6	109.1	W	84.3	113.9	W	82.6	100.7	87.9	71.2
June	97.7	88.8	69.7	108.6	—	83.0	112.8	W	84.1	100.1	89.4	71.3
July	97.2	87.8	68.0	108.5	—	83.5	112.4	W	84.1	99.7	88.5	69.6
August	96.5	93.3	68.4	107.6	—	82.6	112.3	W	82.4	99.0	94.0	70.0
September	95.2	NA	66.2	103.2	—	81.5	112.2	W	79.8	97.7	NA	68.0
October	95.4	86.6	69.1	106.8	W	83.2	114.0	W	83.4	98.6	87.5	71.1
November	94.9	85.3	73.3	107.4	—	87.4	114.2	W	84.0	98.1	86.4	75.1
December	87.6	NA	65.8	100.7	—	82.2	106.7	W	73.9	90.9	NA	67.4
1998 Average	97.1	79.8	69.8	108.3	W	86.0	111.7	W	83.2	100.0	80.8	71.6
Arizona												
January	84.3	66.0	68.9	94.6	W	78.8	104.8	W	81.9	88.1	67.6	71.8
February	75.7	61.8	61.7	86.1	W	70.7	96.1	W	76.4	79.5	62.5	64.5
March	68.4	55.7	56.7	78.1	W	65.0	88.2	W	71.3	72.2	57.3	59.4
April	73.9	60.9	62.3	82.3	—	69.2	92.6	W	76.5	77.3	62.5	64.9
May	79.0	64.4	64.8	88.1	W	72.3	98.3	W	78.4	82.6	67.1	67.5
June	74.8	60.3	59.5	84.2	W	67.4	94.3	W	74.5	78.7	61.8	62.4
July	70.2	57.5	55.9	80.0	—	63.2	89.5	W	69.3	74.1	58.8	58.7
August	67.5	53.9	52.9	77.3	W	60.6	87.6	W	67.2	71.5	55.3	55.6
September	66.5	53.6	52.6	76.6	—	60.5	86.7	W	66.4	70.6	54.7	55.3
October	65.9	53.7	53.8	76.1	W	62.0	86.3	W	68.4	69.9	54.6	56.6
November	61.5	54.2	52.9	72.1	—	61.5	81.9	W	68.0	65.7	55.1	55.8
December	59.5	50.2	49.2	70.0	—	57.6	79.8	W	63.9	63.8	50.7	52.2
1998 Average	70.1	57.2	57.4	79.8	W	65.7	89.7	W	71.6	73.9	58.6	60.2
California												
January	80.3	67.0	67.8	90.6	NA	76.2	99.9	82.5	82.5	84.6	68.9	71.3
February	69.6	59.6	59.7	80.1	NA	66.7	89.2	NA	73.4	74.0	60.5	62.8
March	62.5	54.3	54.9	72.5	NA	60.9	81.6	NA	68.0	66.8	55.1	57.9
April	66.1	W	60.4	75.7	W	65.5	85.0	W	72.9	70.5	W	63.4
May	76.1	W	67.1	85.7	W	74.7	95.2	81.6	80.5	80.5	W	70.4
June	74.2	W	63.3	84.1	W	72.1	93.7	W	77.3	78.7	W	67.0
July	71.6	W	60.4	81.8	W	69.3	93.6	W	74.9	76.5	W	64.1
August	71.3	W	59.0	81.3	W	67.0	90.6	W	72.4	75.9	W	62.6
September	69.7	W	58.4	79.8	W	66.5	89.3	W	72.4	74.2	W	62.0
October	69.0	54.0	57.7	79.9	58.6	66.6	89.6	63.9	71.8	73.9	55.2	61.5
November	69.1	51.4	57.7	79.9	58.3	66.4	89.2	63.7	71.6	73.9	52.9	61.5
December	68.8	47.3	55.1	79.4	54.2	65.8	89.1	58.9	69.7	73.6	48.8	59.2
1998 Average	70.6	54.1	60.0	80.8	60.3	68.1	90.4	65.0	73.8	75.2	55.4	63.5

See footnotes at end of table.

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

Geographic Area Month	Regular			Midgrade			Premium			All Grades		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a	
Hawaii												
January	114.8	W	100.4	119.0	W	106.9	128.2	W	W	118.7	W	104.8
February	114.5	W	98.0	119.7	W	104.1	126.2	W	W	118.3	W	102.2
March	113.1	W	94.3	118.6	W	100.7	126.3	W	106.6	117.1	W	98.6
April	112.0	W	92.9	117.5	W	99.2	126.7	W	105.3	116.4	W	97.1
May	111.4	W	93.1	116.6	W	99.6	125.5	W	105.5	115.6	W	97.4
June	110.9	W	92.1	116.1	W	99.0	124.9	W	104.7	115.1	W	96.6
July	110.0	W	92.1	115.2	W	98.5	124.0	W	104.3	114.3	W	96.3
August	108.9	W	91.3	113.3	W	97.8	123.6	W	103.4	113.4	W	95.5
September	108.4	W	90.9	112.7	W	97.2	122.3	W	103.0	112.6	W	95.1
October	107.1	W	90.7	111.6	W	97.3	119.9	W	103.0	111.0	W	94.9
November	106.2	W	90.7	110.2	W	97.2	119.2	W	103.1	110.1	W	95.0
December	105.6	W	89.3	111.1	W	96.2	119.6	W	102.0	109.9	W	93.8
1998 Average	110.2	55.1	92.9	115.0	W	99.4	123.8	68.1	105.3	114.3	58.3	97.2
Nevada												
January	80.5	70.4	68.5	91.5	—	76.6	W	—	82.7	85.3	70.4	71.5
February	69.9	W	60.4	82.3	—	68.0	W	—	75.1	74.9	W	63.4
March	57.6	59.2	52.3	70.8	—	58.5	79.4	—	65.8	62.6	59.2	55.1
April	59.9	60.4	52.1	72.3	—	58.7	82.2	—	65.9	64.8	60.4	55.2
May	69.4	66.2	59.8	81.2	W	65.5	91.3	—	73.8	74.1	66.2	62.9
June	65.8	W	54.8	77.5	W	60.5	87.7	—	68.3	70.7	61.6	57.8
July	65.1	56.8	53.8	75.9	W	59.3	86.4	—	66.8	70.0	61.2	56.8
August	67.1	56.1	53.5	78.1	W	59.9	88.4	—	67.0	72.1	60.3	56.6
September	68.3	58.9	55.6	79.1	W	62.4	89.3	—	68.9	73.2	62.5	58.6
October	66.3	57.0	56.7	78.9	—	63.9	89.3	—	69.4	71.6	NA	59.5
November	64.0	57.3	56.2	75.4	—	64.0	84.9	—	68.7	69.0	57.3	59.2
December	64.1	52.6	53.2	76.1	W	62.2	85.1	—	67.8	69.0	NA	56.5
1998 Average	66.2	60.9	56.2	78.1	W	63.0	87.9	—	69.6	71.2	61.7	59.2
Oregon												
January	82.9	W	58.9	93.8	W	69.0	104.5	W	74.9	86.1	W	61.0
February	70.6	W	52.6	81.9	—	62.0	92.7	W	68.4	73.8	W	54.8
March	60.9	W	47.6	72.5	—	55.7	83.4	—	62.6	64.3	W	49.8
April	64.4	55.4	53.0	75.6	—	60.7	86.8	W	67.4	67.8	55.7	55.0
May	73.4	61.4	59.4	83.6	—	67.3	94.6	W	74.9	76.6	61.9	61.6
June	74.9	58.5	56.8	84.9	—	65.3	95.7	W	71.4	78.2	58.7	59.0
July	73.8	56.9	55.7	84.4	—	64.0	95.1	W	70.6	77.3	57.4	58.0
August	73.0	55.2	53.9	83.4	W	62.7	94.3	W	68.8	76.7	55.9	56.2
September	71.9	NA	53.3	82.5	W	62.5	93.3	W	69.2	75.4	NA	55.6
October	71.8	58.2	54.3	82.8	—	63.2	93.3	W	68.7	75.4	59.3	56.9
November	67.4	53.5	52.8	78.8	—	60.2	88.2	W	68.8	71.1	54.2	55.9
December	67.9	51.1	51.4	79.5	W	59.8	88.7	W	66.6	71.7	NA	53.9
1998 Average	70.9	57.5	54.2	81.9	W	62.6	92.4	W	69.3	74.4	64.8	56.5
Washington												
January	79.0	54.2	61.9	90.3	W	71.9	101.2	—	76.8	83.0	54.6	65.0
February	67.2	W	55.1	79.3	W	65.0	90.3	—	69.0	71.4	50.3	58.0
March	59.2	46.8	50.2	71.7	W	59.4	82.5	—	64.6	63.5	47.3	53.0
April	60.4	52.7	54.0	72.3	W	62.0	82.7	—	67.1	64.5	53.0	56.6
May	66.5	W	59.0	77.5	W	67.3	88.5	—	73.5	70.5	57.9	61.8
June	68.9	54.8	58.0	79.8	W	66.9	90.9	—	71.8	72.9	55.3	60.8
July	68.0	W	57.3	79.5	W	66.1	90.4	—	71.3	72.3	53.8	60.2
August	66.4	52.8	56.5	77.8	—	65.3	89.0	—	70.4	70.8	52.8	59.4
September	65.6	52.2	55.7	77.4	—	64.8	88.4	—	70.5	70.0	52.2	58.7
October	64.9	W	55.6	77.1	—	63.9	87.8	—	70.2	69.5	W	58.6
November	61.1	W	53.5	72.9	—	61.8	82.8	—	69.0	65.7	W	56.6
December	60.9	48.9	50.4	72.3	W	59.5	83.3	W	64.8	65.4	52.7	53.6
1998 Average	65.5	51.9	55.6	77.1	W	64.5	87.9	W	69.9	69.8	52.7	58.5

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.

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						
January	104.3	96.2	52.3	52.9	71.8	52.8
February	100.8	92.1	50.0	50.3	68.2	51.6
March	98.4	88.4	45.3	45.9	65.3	47.5
April	99.3	92.8	46.6	46.7	56.7	46.1
May	101.1	97.3	46.7	47.0	56.0	45.6
June	99.1	94.1	42.8	43.2	44.7	43.0
July	98.5	93.4	43.4	43.4	47.4	41.7
August	95.9	91.6	43.6	42.9	41.5	40.7
September	94.1	89.8	44.9	44.6	46.2	45.9
October	95.1	90.7	46.9	45.9	50.9	46.6
November	93.3	83.6	44.0	42.9	44.4	44.2
December	88.7	79.8	37.4	36.3	42.4	38.7
1998 Average	97.5	91.2	45.2	45.0	50.1	46.5
PAD District I						
January	104.8	94.5	51.4	52.8	NA	53.9
February	101.4	92.1	50.0	51.2	71.7	52.0
March	99.2	87.6	45.6	47.0	71.5	48.0
April	100.6	93.2	46.2	47.6	NA	47.7
May	101.8	94.7	45.9	47.3	W	46.1
June	101.6	92.8	43.1	44.4	W	44.1
July	100.5	91.6	43.6	44.7	47.1	42.5
August	97.5	88.7	41.6	43.2	43.9	42.1
September	96.0	87.7	43.9	44.8	50.6	47.6
October	98.2	89.1	46.5	46.8	NA	48.0
November	95.6	83.2	43.7	44.5	59.1	45.5
December	90.5	79.9	36.2	35.9	52.9	39.5
1998 Average	99.1	89.5	44.8	45.5	57.3	47.7
Subdistrict IA						
January	W	W	54.6	56.2	60.1	49.7
February	W	W	52.7	54.3	57.5	51.7
March	W	W	48.5	49.3	NA	50.1
April	W	91.5	49.3	50.9	70.6	51.3
May	W	W	48.4	50.7	66.2	50.2
June	W	91.5	46.0	43.9	NA	46.8
July	W	90.8	46.5	45.7	NA	48.8
August	W	NA	44.2	46.8	NA	46.2
September	W	86.7	47.8	49.6	63.2	51.3
October	W	89.4	49.1	49.1	NA	51.0
November	W	W	47.0	48.1	W	47.4
December	W	W	38.9	39.8	W	40.7
1998 Average	W	89.4	47.4	47.7	60.2	49.4
Connecticut						
January	W	W	55.3	W	W	W
February	W	W	53.6	W	W	53.3
March	W	W	48.9	W	W	W
April	W	W	49.8	50.2	W	W
May	W	W	49.6	49.9	W	W
June	W	100.1	46.3	47.3	—	W
July	W	100.4	47.3	47.1	—	W
August	W	NA	NA	NA	—	W
September	W	90.8	48.2	47.4	W	W
October	W	96.8	NA	NA	—	W
November	W	W	W	W	W	W
December	W	W	40.1	40.3	W	W
1998 Average	W	96.1	48.4	47.2	W	W

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Maine						
January	W	—	W	W	—	56.1
February	W	W	W	W	W	51.4
March	W	—	W	W	—	49.7
April	W	W	W	W	—	50.5
May	W	W	W	W	—	W
June	W	W	W	53.1	—	48.3
July	W	W	W	W	—	W
August	W	—	W	W	—	W
September	W	W	W	W	—	W
October	W	W	W	W	—	50.1
November	W	—	W	W	—	47.5
December	W	W	W	W	—	NA
1998 Average	W	W	W	50.1	W	50.9
Massachusetts						
January	W	W	53.6	56.4	59.9	W
February	W	W	51.9	53.9	57.9	W
March	W	W	47.8	49.4	57.5	W
April	W	91.2	48.5	50.4	W	W
May	W	W	47.5	49.9	W	W
June	W	W	45.2	43.5	W	W
July	W	W	45.7	46.1	—	W
August	W	W	43.4	46.2	—	W
September	W	W	47.1	49.7	—	W
October	W	W	48.4	48.2	W	W
November	W	W	46.4	47.4	W	W
December	W	W	38.1	39.0	W	W
1998 Average	W	W	46.6	46.7	57.9	44.9
New Hampshire						
January	—	W	56.2	W	W	W
February	W	W	55.1	62.6	W	W
March	W	W	51.2	W	W	W
April	W	W	51.9	58.1	W	W
May	W	W	49.9	W	W	—
June	W	W	46.4	W	W	—
July	W	W	47.8	W	NA	W
August	W	W	45.8	W	NA	W
September	W	W	48.2	W	W	W
October	W	W	49.9	W	W	W
November	W	W	W	W	W	W
December	W	W	W	W	W	W
1998 Average	W	W	48.4	W	W	W
Rhode Island						
January	—	W	W	W	—	W
February	W	W	W	W	—	W
March	W	W	W	W	—	W
April	—	W	W	W	—	W
May	W	W	W	W	—	W
June	W	W	W	W	—	W
July	W	W	W	W	—	W
August	W	NA	W	W	—	W
September	W	W	W	W	—	W
October	W	NA	W	W	—	W
November	W	—	W	W	—	W
December	W	W	W	W	W	W
1998 Average	W	W	W	W	W	W

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Vermont						
January	—	W	W	61.1	—	W
February	—	W	W	57.7	—	W
March	—	W	W	W	W	W
April	—	W	W	W	W	W
May	—	W	W	W	W	—
June	—	W	W	W	W	W
July	—	W	W	W	NA	—
August	—	W	W	W	NA	—
September	—	W	W	W	NA	—
October	—	W	W	W	NA	—
November	—	W	W	W	NA	—
December	—	W	W	W	—	—
1998 Average	—	W	58.1	W	W	W
Subdistrict IB						
January	107.4	94.0	51.2	52.6	NA	55.2
February	103.0	89.5	49.4	50.6	69.3	51.9
March	101.1	NA	45.5	46.5	68.1	47.7
April	102.4	92.0	45.9	47.0	NA	47.3
May	104.3	93.5	45.3	46.7	W	45.7
June	102.5	91.6	42.7	44.4	W	43.9
July	101.7	90.0	43.0	44.4	46.7	42.1
August	98.2	86.4	41.4	43.0	43.4	41.7
September	W	87.4	43.5	44.1	50.0	47.2
October	W	89.3	45.9	46.0	NA	47.3
November	W	82.2	43.9	44.6	56.7	45.5
December	W	81.7	36.2	35.2	49.8	38.8
1998 Average	101.0	87.9	44.6	44.7	54.8	46.8
Delaware						
January	W	W	56.8	W	W	W
February	W	93.4	57.7	56.4	—	W
March	W	92.3	55.6	51.2	—	W
April	W	W	53.8	53.2	—	W
May	W	94.3	51.1	52.0	—	W
June	W	92.9	49.4	50.3	—	—
July	W	90.7	W	50.4	—	W
August	W	84.9	W	NA	—	W
September	W	87.2	W	W	—	W
October	W	92.2	W	NA	—	W
November	W	W	W	52.4	W	W
December	W	W	W	NA	W	W
1998 Average	W	90.0	52.5	51.8	W	W
District of Columbia						
January	—	—	—	W	—	—
February	—	—	—	W	—	—
March	—	—	—	W	—	—
April	—	—	—	W	—	—
May	—	—	—	W	—	—
June	—	—	—	W	—	—
July	—	—	—	W	—	—
August	—	—	—	NA	—	—
September	—	—	—	W	—	—
October	—	—	—	NA	—	—
November	—	—	W	W	—	—
December	—	—	—	—	—	—
1998 Average	—	—	W	W	—	—

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Maryland						
January	W	W	52.0	52.1	W	54.8
February	W	W	50.3	50.2	W	51.6
March	W	W	45.8	48.1	W	47.8
April	W	W	45.8	W	W	46.1
May	W	W	46.4	W	—	47.0
June	W	W	42.8	43.8	W	44.3
July	W	W	43.3	44.0	W	43.3
August	W	W	41.8	W	W	NA
September	W	W	44.2	44.3	—	47.5
October	W	W	46.5	46.1	W	48.7
November	W	W	43.5	41.6	W	46.0
December	W	W	35.2	34.3	W	39.9
1998 Average	W	90.1	45.1	43.1	W	47.8
New Jersey						
January	W	W	50.9	51.8	57.7	53.1
February	W	W	48.9	49.6	54.5	49.9
March	W	88.2	45.3	45.6	W	45.3
April	W	90.6	45.6	46.2	W	46.4
May	W	91.9	44.8	46.5	W	45.8
June	W	90.4	42.5	43.9	W	43.3
July	W	88.2	42.9	44.2	W	41.6
August	W	NA	41.3	42.6	W	40.8
September	W	87.0	43.0	43.7	W	46.4
October	W	NA	45.8	45.2	W	45.5
November	W	W	43.7	43.3	W	44.0
December	W	82.8	37.1	34.8	W	35.4
1998 Average	W	87.9	44.5	43.5	W	44.5
New York						
January	W	91.7	53.4	54.0	76.8	56.9
February	W	W	52.2	52.1	74.5	54.3
March	W	W	47.6	48.3	69.8	51.6
April	W	W	47.6	48.7	NA	51.4
May	W	W	46.7	47.5	W	50.1
June	W	91.6	44.1	45.9	W	46.8
July	W	89.4	44.5	45.0	W	47.1
August	W	85.7	NA	44.1	W	45.0
September	W	87.4	44.5	44.8	W	51.0
October	W	88.2	NA	48.3	57.4	52.0
November	W	W	48.2	48.8	56.0	49.0
December	W	W	37.2	38.1	NA	44.5
1998 Average	W	84.0	45.9	47.3	57.6	52.1
Pennsylvania						
January	104.5	98.6	50.5	51.9	75.1	55.1
February	100.1	96.6	48.7	50.1	74.1	52.5
March	96.6	91.8	44.5	45.8	73.2	49.3
April	96.7	95.7	45.4	46.9	74.0	48.6
May	100.7	96.0	45.0	45.8	75.5	45.1
June	97.3	93.3	42.2	43.9	NA	46.5
July	97.8	93.7	42.2	43.8	66.4	44.7
August	94.1	90.3	40.4	42.3	66.9	44.1
September	93.4	88.0	43.5	44.1	69.8	47.8
October	99.3	91.8	45.1	46.6	NA	48.2
November	W	W	42.9	W	71.9	46.1
December	W	82.6	34.2	W	66.8	39.2
1998 Average	97.4	91.0	43.6	44.9	72.6	47.3

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Subdistrict IC						
January	103.7	94.7	51.1	52.7	89.6	53.7
February	100.0	93.4	50.1	51.6	85.7	52.1
March	97.7	90.9	45.3	47.5	NA	48.3
April	99.1	93.8	45.9	48.2	76.9	48.9
May	99.7	95.2	46.3	47.8	NA	48.3
June	100.3	93.4	43.0	44.7	63.8	45.0
July	98.2	92.6	43.7	44.7	W	44.7
August	95.5	89.9	41.3	43.1	W	43.2
September	93.8	88.1	43.8	45.2	61.4	48.1
October	95.4	89.0	46.5	48.1	NA	49.3
November	92.8	83.8	43.0	44.0	79.5	45.1
December	88.1	78.9	35.5	37.3	NA	40.3
1998 Average	97.3	90.2	44.7	46.3	81.0	48.8
Florida						
January	101.8	93.1	51.1	54.5	NA	55.6
February	97.7	92.3	50.6	53.1	101.3	54.5
March	95.2	90.0	45.4	48.9	97.8	50.2
April	96.7	91.5	46.0	50.5	W	50.2
May	96.7	92.6	46.8	49.7	W	49.1
June	97.9	92.0	43.4	46.0	W	46.9
July	95.6	90.8	44.3	46.2	W	46.1
August	92.3	89.0	41.6	44.0	W	43.7
September	90.8	85.8	44.4	47.0	W	47.2
October	92.7	87.2	46.9	51.1	W	49.8
November	91.0	82.6	43.6	47.1	W	47.5
December	86.4	77.3	35.8	39.2	NA	42.7
1998 Average	94.8	88.5	45.1	48.1	78.3	49.9
Georgia						
January	101.0	94.9	49.9	50.8	NA	53.0
February	99.0	93.0	48.6	50.1	90.3	51.5
March	95.8	89.3	44.1	46.0	NA	47.4
April	98.5	92.0	44.9	46.0	102.6	47.9
May	99.3	94.0	44.8	46.4	W	47.0
June	98.5	91.5	41.7	43.6	W	43.7
July	96.9	91.1	42.2	43.1	W	42.9
August	W	87.7	39.8	41.4	W	42.0
September	91.7	88.3	42.9	43.5	NA	48.3
October	94.5	87.7	45.5	46.1	NA	49.3
November	91.1	85.3	41.5	42.8	107.3	45.5
December	W	80.6	34.2	36.2	99.9	39.5
1998 Average	95.8	89.4	43.3	44.8	97.1	48.0
North Carolina						
January	W	98.5	51.7	52.8	NA	52.9
February	W	96.3	50.3	51.0	67.1	51.3
March	W	93.5	45.8	47.0	68.0	47.4
April	W	99.2	46.2	48.0	NA	47.6
May	W	100.9	46.1	47.0	W	47.1
June	W	97.7	43.0	43.6	W	43.9
July	W	97.7	43.3	44.7	W	43.2
August	W	93.3	41.6	44.0	W	41.1
September	W	90.8	42.8	45.0	W	47.4
October	W	92.8	46.1	47.5	56.0	47.7
November	W	W	43.0	42.2	NA	44.8
December	W	79.4	35.5	36.4	55.9	40.2
1998 Average	W	93.7	44.5	45.7	64.2	48.5

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
South Carolina						
January	108.6	94.8	56.1	54.8	102.3	53.8
February	104.8	W	54.9	52.1	101.5	52.1
March	W	94.0	49.8	49.5	98.7	48.4
April	W	97.0	50.8	49.8	NA	48.3
May	105.8	101.3	51.1	49.6	W	47.9
June	W	97.2	47.3	47.5	58.8	44.7
July	W	96.2	47.3	48.3	64.6	44.3
August	W	92.7	45.9	46.9	58.2	43.0
September	W	91.4	48.2	49.6	64.3	49.1
October	W	94.1	51.1	51.9	NA	50.1
November	98.7	W	47.7	47.5	92.4	45.2
December	94.2	85.5	38.3	37.6	90.6	40.3
1998 Average	102.5	94.4	48.6	48.9	91.5	48.8
Virginia						
January	W	101.5	51.4	53.0	60.0	54.4
February	W	W	50.1	51.6	58.1	52.5
March	W	93.7	45.2	47.7	53.3	48.7
April	W	98.5	46.0	48.5	W	49.7
May	106.6	98.7	46.2	48.5	W	49.7
June	W	98.1	43.0	45.0	W	46.6
July	W	95.4	43.3	45.1	W	44.9
August	W	91.9	41.6	43.4	W	43.9
September	W	88.8	43.7	46.0	W	48.9
October	W	94.1	46.7	48.4	W	48.8
November	W	W	43.4	44.0	W	44.2
December	W	82.6	35.6	36.3	47.0	40.0
1998 Average	W	93.0	44.7	46.3	54.7	48.7
West Virginia						
January	W	W	W	56.2	74.7	56.5
February	W	W	W	57.0	75.5	57.3
March	W	W	W	51.6	70.8	54.6
April	W	95.2	W	53.2	NA	56.1
May	W	94.0	W	W	85.4	W
June	W	W	W	W	NA	W
July	W	88.2	W	W	W	W
August	W	W	W	W	W	W
September	W	86.8	W	W	W	W
October	W	W	W	W	W	57.9
November	W	W	W	W	89.3	53.4
December	W	76.4	W	W	87.7	48.9
1998 Average	W	89.2	W	53.3	80.0	55.9
PAD District II						
January	95.9	88.5	52.5	53.1	NA	52.4
February	95.6	86.6	51.4	51.7	64.6	53.3
March	92.2	83.6	46.2	47.8	61.6	50.3
April	93.8	87.7	47.5	49.1	56.7	52.9
May	94.7	90.0	47.3	49.0	54.9	51.2
June	93.8	88.0	44.2	46.0	W	48.3
July	92.8	87.4	44.4	45.4	47.7	48.1
August	91.5	87.2	42.5	43.4	47.0	46.9
September	90.2	85.6	44.8	46.5	W	50.6
October	90.4	86.8	47.3	48.4	53.9	51.8
November	88.1	77.3	44.3	44.9	54.7	48.7
December	81.9	70.5	37.1	37.3	52.4	41.1
1998 Average	91.8	85.5	45.6	46.8	55.4	49.9

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Illinois						
January	W	W	50.5	54.1	W	47.4
February	W	W	49.3	51.8	W	51.4
March	W	W	44.0	49.2	W	47.7
April	W	W	45.4	50.5	W	51.6
May	W	W	45.9	51.2	W	49.0
June	W	W	42.8	48.1	W	46.9
July	W	92.1	42.9	47.5	W	46.7
August	W	W	40.9	44.9	W	45.6
September	W	91.1	42.7	47.5	W	W
October	W	91.2	45.6	49.1	W	48.4
November	W	W	42.6	46.5	W	45.8
December	W	W	35.0	38.7	W	37.2
1998 Average	W	90.2	43.7	48.3	101.2	45.7
Indiana						
January	W	90.6	52.3	52.7	W	53.3
February	W	89.3	51.0	50.1	W	53.7
March	W	87.4	45.8	46.5	W	49.9
April	W	89.9	46.9	NA	W	54.2
May	W	92.6	46.9	48.9	W	48.3
June	W	90.0	43.8	NA	W	46.9
July	W	90.8	44.3	44.3	W	46.8
August	W	87.6	42.4	NA	W	44.6
September	W	90.3	44.8	NA	W	53.2
October	W	88.9	46.9	46.3	W	54.3
November	W	W	43.8	NA	W	47.7
December	W	76.0	36.6	37.2	W	42.2
1998 Average	W	88.8	45.2	46.1	111.8	49.8
Iowa						
January	W	91.0	54.9	55.9	—	58.8
February	W	88.3	53.8	55.0	—	W
March	W	81.3	49.6	51.9	—	53.9
April	W	NA	NA	52.9	—	W
May	W	87.5	NA	53.3	—	—
June	W	NA	NA	49.9	—	W
July	W	90.7	NA	50.1	—	—
August	W	88.3	NA	46.2	—	—
September	W	86.1	NA	49.2	—	W
October	W	86.4	NA	51.9	—	W
November	W	W	NA	48.9	—	54.2
December	W	W	NA	42.2	—	W
1998 Average	W	86.6	49.0	50.3	—	54.0
Kansas						
January	W	W	57.8	55.3	—	63.0
February	W	86.9	W	53.9	—	62.1
March	W	85.9	50.9	52.0	—	60.5
April	W	W	51.8	53.7	—	W
May	W	88.3	49.5	54.1	—	W
June	W	86.6	46.6	51.6	—	W
July	W	W	W	51.0	—	W
August	W	W	47.6	48.7	—	56.3
September	W	W	49.9	50.6	—	59.8
October	W	W	51.4	51.9	—	W
November	W	W	49.8	48.7	—	56.8
December	W	69.3	42.1	43.3	—	48.7
1998 Average	W	83.5	49.7	51.5	—	57.5

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
Kentucky						
January	108.3	W	55.7	52.4	91.8	54.3
February	W	W	51.6	50.3	87.9	56.2
March	100.8	W	47.6	48.1	90.5	54.5
April	107.4	W	48.1	50.4	91.2	59.5
May	106.4	W	46.5	49.4	NA	56.0
June	W	W	43.2	46.1	99.3	51.4
July	W	W	43.5	46.7	NA	49.9
August	W	W	42.2	44.8	81.8	50.3
September	W	W	44.3	46.4	NA	56.3
October	W	W	46.8	49.7	76.8	W
November	99.0	W	44.4	47.6	W	50.5
December	W	74.9	35.1	37.4	W	W
1998 Average	103.1	88.0	44.9	48.1	86.4	52.6
Michigan						
January	96.8	77.2	53.4	53.4	120.2	51.5
February	W	75.1	53.0	52.6	115.2	51.5
March	W	73.4	47.2	47.7	110.7	49.7
April	W	NA	48.2	49.3	108.0	NA
May	94.5	NA	48.4	49.7	NA	NA
June	W	NA	45.3	45.8	NA	NA
July	W	NA	45.7	46.5	78.7	NA
August	92.4	W	43.8	44.3	NA	W
September	W	89.7	46.3	46.4	61.3	51.3
October	90.8	W	NA	48.9	NA	52.0
November	W	W	45.6	46.3	W	48.8
December	85.4	60.9	NA	37.9	W	42.9
1998 Average	92.4	74.9	47.2	47.0	98.1	49.6
Minnesota						
January	W	W	54.4	54.2	W	54.6
February	W	W	54.2	53.7	W	W
March	W	W	48.2	48.0	W	W
April	W	93.0	51.0	51.3	W	W
May	W	NA	48.7	NA	W	57.2
June	W	W	45.7	46.9	W	W
July	W	W	45.6	47.6	W	W
August	W	W	43.4	45.6	W	48.0
September	W	W	47.2	47.8	W	W
October	W	86.9	49.4	50.6	W	W
November	W	W	46.0	47.1	W	W
December	W	W	40.8	39.0	W	W
1998 Average	W	91.0	47.8	48.4	W	51.3
Missouri						
January	W	W	52.0	56.2	W	57.0
February	W	W	51.1	55.3	—	58.5
March	W	86.7	47.1	51.8	—	54.6
April	W	W	48.4	53.1	—	W
May	W	92.0	48.0	52.4	—	W
June	W	W	44.7	49.0	—	W
July	W	89.3	45.1	49.3	—	W
August	W	W	42.7	47.9	—	49.2
September	W	84.7	45.4	50.2	—	W
October	W	84.9	48.1	52.2	—	53.4
November	W	79.4	45.4	47.9	—	49.2
December	W	71.5	38.7	41.8	W	43.3
1998 Average	W	86.2	46.3	50.4	W	52.5

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						
January	W	W	52.6	57.3	—	65.2
February	W	W	51.3	57.1	—	60.0
March	W	W	48.5	52.9	—	63.0
April	W	W	49.4	54.1	—	—
May	W	W	48.9	54.7	—	—
June	W	W	45.4	50.3	—	W
July	W	W	46.0	52.7	—	—
August	W	W	43.2	48.2	—	—
September	W	W	46.6	50.6	—	—
October	W	W	48.3	53.9	—	—
November	W	W	46.3	W	—	W
December	W	W	39.4	44.1	—	47.5
1998 Average	W	W	47.1	52.4	—	59.7
North Dakota						
January	W	W	58.8	66.0	—	W
February	W	W	59.1	67.5	—	W
March	W	W	56.2	62.5	—	W
April	W	W	56.5	63.6	—	W
May	W	W	56.4	NA	—	—
June	W	W	53.2	61.6	—	—
July	W	W	53.1	61.2	—	—
August	W	W	NA	NA	—	—
September	W	W	54.0	59.0	—	W
October	W	W	NA	NA	—	W
November	W	W	NA	NA	—	W
December	W	W	47.4	NA	—	W
1998 Average	W	W	54.7	61.2	—	55.6
Ohio						
January	97.8	85.3	52.7	51.7	84.4	52.6
February	97.0	84.7	51.9	51.3	80.9	54.6
March	W	80.5	46.6	47.7	NA	51.2
April	W	85.0	47.5	47.5	77.1	55.2
May	W	86.9	48.3	49.2	NA	52.9
June	95.3	85.2	44.9	46.0	W	48.8
July	W	84.8	45.4	45.0	66.3	47.7
August	95.1	81.0	43.6	43.1	W	46.7
September	92.6	77.3	45.4	47.3	W	54.0
October	93.1	81.5	47.9	48.3	84.4	53.1
November	91.4	74.4	45.5	43.3	85.5	51.6
December	87.0	67.9	37.9	35.2	80.5	42.6
1998 Average	94.1	81.5	46.4	45.8	78.6	51.5
Oklahoma						
January	93.0	W	51.8	51.7	—	57.0
February	92.4	90.5	50.0	49.7	—	57.5
March	87.4	89.6	47.2	45.4	—	57.2
April	86.7	89.2	48.1	45.4	—	W
May	88.5	91.2	48.1	44.2	—	W
June	87.8	91.1	44.1	41.2	—	W
July	86.8	90.0	44.4	41.0	—	W
August	W	88.2	42.0	39.7	—	W
September	81.8	85.5	44.9	42.5	—	W
October	82.0	87.0	47.8	44.4	—	W
November	80.3	W	45.4	41.3	—	47.3
December	75.9	76.1	39.1	34.0	—	40.5
1998 Average	85.5	87.6	45.9	43.3	—	49.9

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
South Dakota						
January	W	W	55.8	59.2	—	W
February	W	93.0	57.0	58.5	—	W
March	W	92.1	53.7	57.1	—	—
April	W	90.6	56.5	57.0	—	—
May	W	95.6	55.6	57.7	—	—
June	W	94.3	50.4	56.6	—	—
July	W	94.5	52.2	54.8	—	—
August	W	92.0	50.1	53.8	—	W
September	W	91.0	52.4	55.6	—	—
October	W	91.3	54.4	56.6	—	—
November	W	W	52.9	53.3	—	W
December	W	77.3	45.6	47.2	—	W
1998 Average	W	91.7	53.0	55.5	—	53.2
Tennessee						
January	W	95.3	51.2	54.8	77.8	52.9
February	W	94.5	49.7	54.0	73.7	51.7
March	W	90.6	44.5	49.3	74.2	47.4
April	W	95.8	45.6	50.0	NA	49.1
May	W	97.1	45.3	50.2	W	48.8
June	W	94.8	42.7	46.3	W	48.7
July	W	93.8	42.5	46.1	W	W
August	W	90.0	41.0	44.9	W	46.3
September	W	87.2	44.6	47.3	W	52.2
October	W	90.4	46.0	49.1	58.2	49.6
November	W	82.8	41.8	45.7	NA	46.2
December	W	79.2	34.3	39.7	78.3	38.5
1998 Average	W	90.9	43.9	47.9	66.3	48.5
Wisconsin						
January	W	W	51.9	53.6	W	52.5
February	W	W	51.9	52.8	W	53.8
March	W	W	46.1	47.7	W	52.0
April	W	W	NA	49.3	W	54.0
May	—	W	NA	49.7	—	NA
June	—	W	NA	47.4	W	50.5
July	—	W	45.0	47.3	W	W
August	—	W	42.8	45.3	—	52.6
September	W	W	45.1	48.7	W	56.8
October	—	W	NA	51.1	W	54.5
November	—	W	44.3	47.8	W	50.0
December	—	W	37.0	39.2	W	43.2
1998 Average	W	W	45.6	48.5	114.9	51.1
PAD District III						
January	97.2	88.6	49.2	49.9	73.6	48.7
February	NA	82.5	48.1	48.3	73.1	46.2
March	91.0	NA	43.3	43.6	66.6	42.4
April	93.8	83.7	44.1	43.6	NA	43.0
May	95.1	88.3	44.0	44.0	58.6	42.3
June	93.1	86.0	41.1	40.9	W	40.4
July	92.7	82.9	41.6	41.0	W	39.9
August	88.1	81.2	40.1	39.1	W	38.1
September	84.7	76.2	42.3	41.5	40.4	42.3
October	88.0	79.6	44.4	43.3	W	43.0
November	85.8	72.2	41.0	40.5	W	39.8
December	82.9	67.3	33.6	33.6	33.2	33.8
1998 Average	90.4	80.7	42.7	41.9	38.9	41.7

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
Alabama						
January	W	99.2	52.9	55.6	W	53.6
February	98.1	95.1	51.7	54.0	113.5	53.8
March	96.7	93.9	46.6	48.6	112.3	49.9
April	W	95.3	47.7	50.6	W	51.3
May	97.0	96.3	47.8	49.8	W	49.4
June	W	95.6	43.9	46.7	W	47.2
July	W	94.5	45.1	47.1	W	W
August	90.1	92.3	43.5	45.5	W	45.7
September	W	90.3	44.8	48.2	W	51.5
October	W	92.2	47.9	49.7	W	53.5
November	W	84.9	44.4	47.6	W	48.7
December	W	82.5	36.4	38.9	W	41.1
1998 Average	94.4	92.6	45.9	48.2	121.8	49.7
Arkansas						
January	W	W	54.4	52.8	W	W
February	W	W	53.9	50.3	—	W
March	W	W	48.3	50.2	—	W
April	W	W	49.5	48.5	—	W
May	W	W	48.4	49.2	—	53.4
June	W	W	45.3	49.6	—	W
July	W	W	45.8	45.9	—	W
August	W	W	43.9	46.6	—	W
September	W	79.4	46.4	50.2	—	W
October	W	80.0	49.1	53.1	—	W
November	W	W	W	48.1	—	49.8
December	W	71.4	37.8	37.7	W	W
1998 Average	W	85.5	47.2	48.3	W	W
Louisiana						
January	97.9	89.4	48.9	48.9	W	W
February	W	88.1	48.7	48.4	67.1	W
March	W	82.8	43.3	43.2	W	W
April	94.7	87.3	44.0	43.3	W	W
May	W	89.9	43.9	44.6	W	W
June	94.6	88.7	41.2	41.8	W	W
July	W	88.4	41.9	41.5	W	W
August	W	84.7	40.2	40.0	W	W
September	88.5	81.6	41.8	41.3	W	41.9
October	W	84.5	44.0	43.4	W	W
November	W	77.8	40.8	41.0	W	38.3
December	82.9	71.0	32.6	31.9	W	W
1998 Average	92.2	85.0	42.7	40.9	W	40.4
Mississippi						
January	W	97.5	48.9	48.9	W	W
February	W	W	47.4	48.1	W	49.4
March	W	88.1	43.1	43.1	W	W
April	W	W	42.9	43.5	W	W
May	W	92.2	43.8	44.3	W	W
June	W	W	41.4	39.8	W	W
July	W	W	42.1	42.1	W	W
August	W	86.3	40.0	38.3	W	W
September	W	W	41.0	39.6	W	W
October	W	88.3	46.2	41.5	W	W
November	W	W	40.0	39.4	W	W
December	W	78.6	32.4	33.0	W	W
1998 Average	W	88.0	42.5	40.9	W	W

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
New Mexico						
January	W	W	55.4	NA	—	W
February	W	W	54.2	NA	—	W
March	W	W	49.7	NA	—	W
April	W	W	W	56.9	—	W
May	W	W	W	56.5	—	W
June	W	W	W	52.7	—	W
July	W	W	46.6	NA	—	W
August	W	W	45.0	45.5	—	W
September	W	W	47.7	48.6	—	W
October	W	W	50.2	51.4	—	W
November	W	W	46.7	47.6	—	W
December	W	W	39.4	38.6	—	W
1998 Average	W	W	48.1	49.4	—	W
Texas						
January	96.3	84.5	49.1	50.0	60.6	48.4
February	NA	79.4	47.8	48.1	57.5	45.5
March	87.6	NA	43.1	43.5	50.8	43.8
April	92.1	80.5	44.1	43.3	W	44.4
May	94.0	84.9	43.9	43.5	W	NA
June	89.9	81.5	40.8	40.5	W	NA
July	90.8	78.8	41.2	40.5	W	40.0
August	85.4	77.5	39.9	38.7	W	NA
September	NA	72.1	42.3	41.5	W	42.5
October	82.4	74.8	44.2	43.1	W	W
November	79.7	66.5	40.8	40.3	W	40.1
December	NA	61.3	33.8	34.4	W	34.7
1998 Average	87.2	76.6	42.5	41.9	W	43.8
PAD District IV						
January	110.2	93.9	65.5	60.0	W	62.6
February	104.3	94.4	58.9	56.9	—	66.4
March	99.0	90.6	56.6	53.4	—	65.7
April	98.8	94.0	57.8	57.1	—	NA
May	98.9	96.0	57.3	59.6	—	W
June	97.1	95.7	54.5	55.1	—	W
July	98.3	95.4	52.6	50.4	—	W
August	99.9	92.2	53.0	50.4	—	W
September	100.1	92.2	54.5	51.3	—	W
October	98.3	92.1	54.1	52.8	W	NA
November	96.1	W	53.0	49.6	W	62.3
December	91.1	83.3	44.5	42.5	W	52.4
1998 Average	99.1	93.0	54.8	52.5	W	62.5
Colorado						
January	W	W	55.5	NA	—	59.9
February	W	W	52.0	NA	—	W
March	W	W	49.6	NA	—	W
April	W	W	50.4	52.9	—	W
May	W	W	49.2	W	—	—
June	W	W	46.2	W	—	—
July	W	W	46.0	47.8	—	W
August	W	W	45.0	46.8	—	—
September	W	W	47.7	47.3	—	—
October	W	W	48.7	49.7	—	W
November	W	W	46.4	W	—	W
December	W	W	38.8	40.1	—	W
1998 Average	W	W	47.5	49.2	—	56.8

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						
January	—	W	74.4	69.7	—	W
February	—	W	66.8	64.9	—	W
March	W	W	61.3	60.3	—	W
April	W	W	61.1	63.6	—	W
May	—	103.7	60.4	63.0	—	—
June	W	W	54.2	55.0	—	W
July	W	W	58.0	57.5	—	—
August	W	W	59.8	NA	—	—
September	—	W	59.1	60.4	—	W
October	W	W	56.4	59.4	—	W
November	W	W	52.5	NA	—	—
December	W	W	48.6	54.8	—	W
1998 Average	W	W	59.1	59.9	—	67.8
Montana						
January	W	—	73.7	79.6	—	W
February	W	—	70.6	77.6	—	W
March	W	W	66.7	71.7	—	W
April	W	—	67.9	72.1	—	—
May	W	—	67.8	71.4	—	—
June	W	W	66.2	68.7	—	—
July	W	W	63.9	68.3	—	—
August	W	—	63.0	67.3	—	—
September	W	W	62.1	66.7	—	—
October	W	—	61.9	67.5	—	—
November	W	—	61.2	68.2	—	—
December	W	W	54.4	62.5	—	W
1998 Average	W	W	64.6	69.6	—	W
Utah						
January	W	W	71.3	73.3	—	W
February	W	97.1	65.8	66.7	—	W
March	W	93.4	61.1	64.4	—	W
April	W	95.5	60.7	62.5	—	W
May	W	98.8	61.2	64.5	—	W
June	W	95.6	57.6	58.6	—	W
July	W	95.2	56.4	58.4	—	—
August	W	94.9	58.1	62.0	—	W
September	W	95.4	58.3	61.8	—	W
October	W	94.2	58.4	60.2	—	W
November	W	W	55.5	56.4	—	W
December	W	89.8	48.7	49.8	—	W
1998 Average	W	95.1	59.3	61.4	—	W
Wyoming						
January	W	W	64.8	66.1	W	—
February	W	W	65.1	W	—	W
March	W	W	58.1	W	—	—
April	W	W	59.5	W	—	—
May	W	W	59.7	W	—	—
June	W	W	55.9	59.5	—	—
July	W	W	56.2	56.5	—	—
August	W	W	57.9	W	—	—
September	W	W	57.3	55.4	—	W
October	W	W	59.8	61.7	W	—
November	W	W	W	W	W	W
December	W	W	54.4	W	W	—
1998 Average	W	W	58.9	57.8	W	W

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
PAD District V						
January	114.2	112.1	54.3	55.5	W	58.9
February	110.9	108.4	49.5	50.8	W	54.0
March	107.8	105.8	45.0	46.8	110.9	51.0
April	106.6	106.0	47.7	48.7	W	54.9
May	108.4	109.9	48.3	48.8	W	57.7
June	104.8	105.7	42.1	43.8	84.5	47.1
July	104.2	105.0	43.3	44.7	W	51.2
August	100.8	103.0	47.5	48.0	W	50.5
September	98.9	99.6	46.5	47.4	W	55.0
October	98.3	100.6	48.2	49.1	W	57.6
November	98.0	99.2	45.3	47.5	W	NA
December	95.0	97.6	40.4	42.3	W	47.5
1998 Average	104.1	104.3	46.4	48.0	127.8	53.5
Alaska						
January	W	W	58.0	59.2	W	—
February	W	W	52.5	55.5	W	—
March	W	120.6	47.7	52.1	W	—
April	W	118.2	50.9	50.8	W	—
May	W	114.0	51.3	W	W	—
June	W	113.9	46.2	50.3	W	—
July	W	111.0	45.4	52.5	W	—
August	W	108.4	49.9	55.8	W	—
September	W	97.8	49.2	53.8	W	—
October	W	100.7	50.1	56.6	W	—
November	W	NA	47.7	51.6	W	—
December	W	104.4	42.9	48.2	W	—
1998 Average	W	109.1	49.0	53.1	W	—
Arizona						
January	W	106.4	56.4	57.6	W	W
February	W	102.3	52.7	53.0	—	W
March	W	99.3	47.0	47.6	W	W
April	W	99.5	49.5	51.6	—	—
May	W	104.3	50.0	51.9	—	W
June	W	101.2	43.8	45.2	W	—
July	W	99.7	45.0	46.7	—	—
August	W	97.7	47.3	50.4	—	W
September	W	98.3	47.7	50.6	—	W
October	W	100.5	50.3	48.4	—	W
November	W	W	46.7	47.1	W	W
December	W	92.0	40.7	42.8	W	W
1998 Average	W	99.5	47.9	49.4	W	W
California						
January	116.2	107.6	53.3	54.1	—	58.1
February	110.7	104.0	48.5	48.9	—	53.3
March	109.0	101.0	44.4	45.3	—	48.8
April	110.7	101.7	46.8	48.1	—	51.2
May	116.0	105.8	47.4	47.2	—	55.7
June	107.5	100.3	41.0	41.5	—	43.8
July	107.4	97.9	42.7	42.4	—	50.1
August	105.4	97.8	46.8	46.1	—	47.9
September	104.5	97.9	45.7	45.2	—	53.8
October	104.8	97.2	47.6	46.8	—	53.7
November	105.9	95.9	44.5	45.4	—	47.9
December	100.7	92.8	39.5	39.9	—	44.8
1998 Average	108.2	99.8	45.6	46.2	—	51.7

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
Hawaii						
January	—	W	57.8	W	—	—
February	—	W	51.9	W	—	—
March	—	W	48.0	W	—	—
April	—	W	50.5	W	—	—
May	—	W	51.1	W	—	—
June	—	W	44.8	W	—	—
July	—	W	45.6	W	—	—
August	—	W	50.8	W	—	—
September	—	W	W	W	—	—
October	—	W	50.6	W	—	—
November	—	W	48.1	W	—	—
December	—	W	43.8	W	—	—
1998 Average	—	W	49.5	51.6	—	—
Nevada						
January	W	108.5	55.8	56.3	—	W
February	W	103.5	51.6	55.5	—	W
March	—	99.7	46.0	49.0	—	W
April	W	99.9	49.7	52.1	—	W
May	W	101.2	49.9	52.4	—	—
June	W	98.3	43.2	43.7	—	W
July	W	98.0	44.7	47.3	—	W
August	W	98.3	49.8	53.4	—	W
September	W	98.0	48.8	53.0	—	—
October	W	95.3	50.2	53.3	—	W
November	W	W	W	50.9	—	W
December	W	90.7	44.1	44.7	—	W
1998 Average	W	98.7	48.3	50.9	—	W
Oregon						
January	—	W	54.1	52.8	—	61.0
February	—	W	49.2	49.7	—	W
March	W	W	44.1	45.7	—	53.6
April	W	W	47.8	50.2	—	58.1
May	W	W	48.0	50.0	—	W
June	W	W	41.1	44.2	—	W
July	W	W	42.4	46.1	—	W
August	W	W	48.2	51.4	—	W
September	W	W	46.8	50.2	—	W
October	—	W	48.5	50.3	—	W
November	—	W	45.2	46.2	—	W
December	W	W	40.1	40.6	—	49.5
1998 Average	W	W	46.1	48.6	—	54.4
Washington						
January	W	W	53.4	58.0	—	NA
February	W	W	48.4	49.8	—	58.4
March	W	W	43.7	46.1	W	54.6
April	W	W	46.7	43.7	W	58.2
May	W	W	47.1	48.9	W	61.3
June	W	W	41.2	41.9	W	52.6
July	W	W	42.3	44.3	W	W
August	W	W	46.7	48.7	—	58.7
September	W	W	45.9	48.6	—	W
October	W	W	47.5	48.3	—	W
November	W	W	44.6	45.7	—	W
December	W	W	39.5	40.3	—	W
1998 Average	W	W	45.4	47.4	W	55.7

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.

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						
January	58.5	57.1	54.8	49.4	50.9	45.9
February	57.7	56.4	53.3	48.1	48.7	43.6
March	55.9	54.3	51.1	45.6	46.0	40.1
April	56.2	57.9	52.1	47.4	43.8	41.7
May	NA	56.4	51.2	46.1	43.6	40.3
June	NA	52.1	48.0	42.8	40.8	36.5
July	NA	50.1	47.2	41.9	38.4	37.5
August	NA	51.3	45.8	40.5	36.2	36.0
September	NA	53.3	49.2	44.9	39.9	36.1
October	57.8	53.7	49.7	44.6	43.1	35.3
November	56.2	49.5	47.0	40.9	43.3	36.8
December	50.1	43.5	42.0	35.2	39.4	30.2
1998 Average	55.1	51.3	49.2	43.9	42.8	38.3
PAD District I						
January	56.7	56.6	55.7	49.8	W	45.9
February	54.8	54.3	54.0	48.0	W	43.8
March	54.1	51.6	51.6	45.6	W	40.6
April	55.8	53.2	51.7	46.0	W	42.3
May	54.2	48.4	50.1	44.6	W	41.0
June	53.1	47.4	47.0	41.3	W	39.3
July	51.4	44.8	45.4	40.1	W	38.6
August	48.8	45.3	43.3	38.1	W	35.0
September	54.1	49.3	48.1	43.3	W	38.6
October	53.5	48.9	48.7	42.9	W	39.4
November	52.3	45.5	46.0	39.3	W	37.3
December	47.7	40.3	42.1	34.9	W	34.3
1998 Average	53.8	46.2	48.5	42.9	W	40.4
Subdistrict IA						
January	58.4	59.5	56.5	50.9	W	W
February	W	56.8	54.5	48.9	W	W
March	W	55.7	NA	46.8	W	W
April	—	58.4	54.5	47.1	W	W
May	—	59.1	53.0	45.6	W	W
June	W	W	49.6	42.8	W	W
July	—	49.8	47.3	41.2	W	W
August	—	W	46.2	39.0	W	W
September	W	W	50.4	44.5	W	W
October	—	51.8	50.7	43.3	W	W
November	52.3	NA	49.7	40.3	W	W
December	NA	50.0	NA	35.6	W	W
1998 Average	55.7	55.2	51.2	44.2	W	W
Connecticut						
January	W	58.5	54.7	50.8	W	W
February	W	56.2	52.8	49.0	W	W
March	W	54.2	50.0	45.9	W	W
April	—	55.1	50.5	46.0	W	W
May	—	W	49.6	44.8	W	W
June	—	W	46.5	42.1	W	W
July	—	—	44.7	40.4	W	W
August	—	W	42.5	38.1	W	W
September	—	W	47.2	43.3	W	W
October	—	W	47.7	43.0	W	W
November	W	W	43.9	39.3	W	W
December	W	W	40.2	34.4	W	W
1998 Average	W	54.2	47.2	42.9	W	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
Maine						
January	—	59.1	52.3	51.5	—	—
February	—	W	50.2	49.2	—	—
March	—	W	W	46.7	—	—
April	—	W	47.6	47.0	—	—
May	—	—	46.5	45.7	—	—
June	—	W	W	42.1	—	—
July	—	W	W	41.3	—	—
August	—	W	39.7	39.4	—	—
September	—	W	45.3	46.5	—	—
October	—	W	W	45.0	—	—
November	—	W	43.2	40.7	—	—
December	—	W	38.7	36.3	—	—
1998 Average	—	51.4	45.5	44.4	—	—
Massachusetts						
January	W	W	58.5	50.6	W	—
February	W	W	56.5	48.4	W	—
March	W	W	54.3	48.0	W	—
April	—	W	53.9	48.6	W	—
May	—	W	53.7	46.5	W	—
June	W	—	50.3	44.1	—	—
July	—	—	47.4	41.9	W	—
August	—	—	47.9	40.6	W	—
September	—	—	51.5	44.4	W	—
October	—	W	50.0	43.1	W	—
November	W	W	48.7	41.1	W	—
December	W	W	47.6	36.4	W	—
1998 Average	W	64.0	51.4	45.1	W	—
New Hampshire						
January	W	W	58.4	50.9	—	—
February	W	W	55.1	49.2	—	—
March	W	—	W	47.1	—	—
April	—	—	70.9	48.2	W	—
May	—	—	65.8	47.2	W	—
June	—	—	W	44.7	W	—
July	—	—	W	42.5	W	—
August	—	—	54.6	39.5	W	—
September	W	—	60.2	44.2	—	—
October	—	—	W	43.4	—	—
November	—	W	64.6	39.6	W	—
December	W	W	63.5	35.7	W	—
1998 Average	W	W	63.0	43.3	W	—
Rhode Island						
January	W	W	54.2	51.1	—	—
February	W	W	51.9	49.3	W	—
March	W	W	50.1	46.2	W	—
April	—	W	50.6	47.2	—	—
May	—	W	51.1	44.9	—	—
June	—	W	48.3	41.9	—	—
July	—	W	44.8	40.4	—	—
August	—	—	43.4	37.4	—	—
September	—	W	47.5	44.7	—	—
October	—	W	45.5	42.5	—	—
November	W	W	45.9	40.3	W	—
December	W	W	41.6	35.9	W	—
1998 Average	W	W	47.8	44.3	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
Vermont						
January	W	W	W	W	W	—
February	W	W	NA	W	W	—
March	W	W	86.6	W	W	—
April	—	—	80.3	49.0	W	—
May	—	—	74.6	W	W	—
June	—	W	68.8	44.7	W	—
July	—	W	64.7	43.3	W	—
August	—	—	63.4	42.3	W	—
September	—	W	67.5	W	W	—
October	—	W	72.3	46.0	W	—
November	W	W	NA	43.6	W	—
December	—	W	NA	39.5	W	—
1998 Average	W	W	73.6	W	W	—
Subdistrict IB						
January	56.0	56.1	59.0	50.0	W	45.7
February	54.2	53.7	57.6	48.1	W	43.7
March	53.2	50.9	54.7	45.7	W	40.5
April	55.7	51.8	53.5	45.6	W	42.2
May	55.1	47.6	50.5	44.2	W	40.9
June	52.8	46.0	48.1	40.7	W	39.1
July	50.9	45.0	45.8	39.5	W	38.6
August	49.6	44.2	43.9	37.7	W	34.8
September	54.1	48.8	48.5	42.3	W	38.7
October	52.4	48.8	49.3	42.0	W	39.3
November	50.2	46.6	48.1	39.1	W	37.3
December	43.3	41.9	45.8	35.1	W	34.3
1998 Average	52.6	48.1	50.4	42.7	W	40.4
Delaware						
January	W	—	55.1	W	W	—
February	—	—	53.3	W	W	—
March	—	—	49.9	W	W	—
April	—	—	50.2	W	W	—
May	—	—	48.1	W	—	—
June	—	—	44.5	W	W	—
July	—	—	NA	W	W	—
August	—	—	NA	38.6	W	—
September	—	—	46.1	44.2	W	—
October	—	—	NA	43.0	W	—
November	—	—	42.7	W	W	—
December	—	—	39.6	W	W	—
1998 Average	W	—	45.8	W	W	—
District of Columbia						
January	—	—	W	W	W	—
February	—	—	51.0	W	W	—
March	—	—	47.6	W	W	—
April	—	—	48.4	W	W	—
May	—	—	47.3	W	W	—
June	—	—	W	W	W	—
July	—	—	W	W	W	—
August	—	—	W	41.0	W	—
September	—	—	NA	NA	W	—
October	—	—	W	W	W	—
November	—	—	W	W	W	—
December	—	—	39.6	W	W	—
1998 Average	—	—	47.0	W	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
Maryland						
January	55.1	54.0	49.9	50.1	W	W
February	54.5	W	48.5	48.3	W	W
March	W	W	45.5	45.4	W	W
April	W	—	48.4	46.5	W	W
May	W	W	47.4	45.1	W	W
June	W	—	44.4	41.9	W	W
July	W	—	42.9	41.8	W	W
August	W	—	40.8	39.4	W	W
September	W	—	45.5	45.1	W	W
October	W	—	46.4	44.4	W	—
November	W	W	42.1	39.6	W	W
December	W	W	37.5	35.0	W	W
1998 Average	54.3	42.1	45.1	43.7	W	W
New Jersey						
January	W	57.0	55.1	49.3	W	45.9
February	W	53.7	52.2	47.6	W	43.4
March	W	W	49.3	45.3	W	39.2
April	NA	49.3	50.5	44.4	W	40.9
May	NA	46.4	49.4	43.1	W	40.1
June	NA	W	46.8	39.5	W	38.1
July	NA	—	44.5	38.5	W	37.7
August	NA	—	42.4	36.9	W	34.6
September	W	—	46.9	40.5	W	39.0
October	NA	W	47.2	40.5	W	39.1
November	NA	W	44.3	38.1	W	36.8
December	W	42.3	40.9	34.5	W	32.5
1998 Average	W	51.3	47.2	41.8	W	39.0
New York						
January	W	58.0	63.2	51.6	W	W
February	W	55.2	61.5	49.2	W	43.9
March	W	50.1	59.7	46.7	W	41.4
April	W	NA	56.1	46.8	W	42.8
May	W	W	53.7	45.7	W	W
June	W	47.0	51.3	42.4	W	39.9
July	W	W	48.1	40.1	W	39.4
August	W	43.1	46.7	38.8	W	W
September	W	48.4	50.7	43.5	W	38.5
October	W	49.1	51.0	43.6	W	W
November	W	48.2	49.9	40.5	W	W
December	W	45.5	49.1	36.3	W	35.6
1998 Average	W	50.3	53.2	44.1	W	41.2
Pennsylvania						
January	56.7	54.6	63.4	49.8	W	—
February	W	52.7	62.2	47.8	W	—
March	W	48.7	59.9	45.6	W	—
April	W	53.9	56.2	45.8	W	—
May	—	48.6	50.8	44.6	W	—
June	—	44.6	48.9	41.3	W	—
July	W	44.9	46.5	39.8	W	—
August	W	44.7	44.7	37.9	W	—
September	W	49.2	50.0	43.3	W	—
October	W	48.8	51.0	42.7	W	—
November	W	46.3	52.0	39.4	W	—
December	W	40.5	50.6	34.8	W	—
1998 Average	52.2	46.6	53.1	42.7	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						
January	56.4	56.4	53.6	49.1	W	W
February	55.2	53.5	52.0	47.5	W	W
March	54.2	51.5	49.6	44.9	45.6	W
April	W	W	50.5	46.2	W	W
May	W	W	49.6	45.0	W	W
June	W	W	46.3	42.0	W	W
July	W	44.2	45.0	40.6	W	W
August	W	45.5	42.8	38.4	W	NA
September	—	49.4	47.7	44.4	W	—
October	W	48.8	48.2	44.0	W	W
November	W	44.7	44.5	39.1	42.4	W
December	43.0	38.9	39.6	34.2	W	W
1998 Average	55.0	44.0	47.3	42.9	W	W
Florida						
January	—	—	55.0	49.8	W	—
February	—	—	53.2	48.1	W	—
March	—	—	51.0	45.3	W	—
April	—	—	51.8	46.5	W	—
May	—	—	51.0	45.2	W	—
June	—	—	46.8	42.6	W	—
July	—	—	45.3	41.2	W	—
August	—	—	43.3	38.6	W	—
September	—	—	48.5	44.8	W	—
October	—	—	49.3	44.8	W	—
November	—	—	45.0	39.5	W	—
December	—	W	40.6	34.4	W	—
1998 Average	—	W	48.0	43.4	W	—
Georgia						
January	—	—	54.9	48.5	W	—
February	—	—	53.2	46.9	—	—
March	—	—	50.9	44.5	—	—
April	—	—	51.6	45.5	—	—
May	—	—	51.3	44.6	—	—
June	—	W	48.9	41.5	—	—
July	—	W	47.1	39.9	—	—
August	—	W	45.2	37.7	W	—
September	—	W	49.1	44.1	—	—
October	—	W	49.7	43.4	—	—
November	—	W	47.1	38.6	—	—
December	—	W	41.0	33.6	—	—
1998 Average	—	W	49.1	42.2	W	—
North Carolina						
January	W	W	51.0	48.7	W	—
February	W	W	49.3	47.1	W	—
March	—	W	46.8	44.5	W	—
April	—	—	48.0	46.0	W	—
May	—	—	46.7	44.6	W	—
June	—	—	44.0	41.7	W	—
July	—	W	43.0	40.5	W	—
August	W	W	40.4	38.2	W	—
September	—	W	45.3	44.2	W	—
October	—	W	46.1	43.7	W	—
November	—	W	41.7	39.1	W	—
December	—	W	37.3	34.0	W	—
1998 Average	49.3	W	44.9	42.6	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
South Carolina						
January	—	W	54.3	48.9	W	—
February	—	W	52.9	47.4	W	—
March	—	W	49.9	44.8	W	—
April	—	—	50.8	46.0	W	—
May	W	—	50.0	44.6	—	—
June	W	—	46.5	41.7	—	—
July	—	W	45.3	40.5	W	—
August	—	W	42.7	38.3	—	—
September	—	W	47.8	44.2	—	—
October	—	W	48.5	43.7	—	—
November	—	W	44.9	38.8	W	—
December	—	W	39.3	34.1	W	—
1998 Average	W	W	47.6	42.6	W	—
Virginia						
January	56.4	57.0	50.7	49.1	W	W
February	55.2	51.5	49.2	47.7	W	W
March	54.0	W	46.5	45.1	W	W
April	W	W	47.4	46.3	W	W
May	—	W	46.6	45.1	W	W
June	—	—	43.1	41.9	W	W
July	—	45.1	42.0	40.5	W	W
August	—	46.8	40.6	38.5	W	NA
September	—	50.2	45.4	44.3	W	—
October	—	48.1	45.1	43.9	W	W
November	W	42.4	41.4	39.1	W	W
December	42.2	39.4	37.4	34.7	W	W
1998 Average	54.7	44.2	44.6	43.0	W	W
West Virginia						
January	W	W	53.9	48.4	—	—
February	W	W	52.1	48.6	—	—
March	W	W	51.1	46.9	—	—
April	—	W	51.5	49.1	—	—
May	—	—	49.7	47.8	—	—
June	—	—	46.0	43.6	—	—
July	W	—	45.7	41.7	—	—
August	—	—	42.7	42.1	—	—
September	—	—	48.8	45.7	—	—
October	W	—	47.2	45.6	—	—
November	W	W	44.2	42.6	—	—
December	W	W	39.2	35.4	—	—
1998 Average	58.2	W	47.7	45.2	—	—
PAD District II						
January	55.1	53.6	51.6	47.8	W	W
February	55.1	53.3	51.6	48.5	50.4	W
March	52.4	51.1	50.4	46.2	47.9	W
April	NA	53.0	51.4	48.5	W	W
May	NA	51.6	50.4	47.2	W	W
June	NA	48.6	47.3	43.7	W	W
July	NA	47.4	46.8	42.8	W	NA
August	NA	47.0	44.9	41.0	W	W
September	NA	51.9	48.3	46.0	W	—
October	NA	51.1	48.9	45.4	W	W
November	NA	47.3	46.1	41.5	W	W
December	NA	41.6	41.1	35.2	36.8	W
1998 Average	NA	48.6	48.2	44.5	44.8	41.8

See footnotes at end of table.

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

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Illinois						
January	W	48.7	51.8	45.3	—	—
February	W	50.8	52.0	46.6	—	—
March	W	47.1	50.7	44.0	—	—
April	W	50.7	51.2	46.3	—	—
May	NA	47.6	50.2	44.5	—	—
June	W	45.6	47.0	41.4	—	—
July	W	46.7	46.2	40.6	—	—
August	W	45.0	44.2	38.8	—	—
September	W	50.6	46.3	44.1	—	—
October	W	49.8	48.2	43.2	—	—
November	W	45.1	45.7	39.6	—	—
December	W	38.0	39.5	33.6	—	—
1998 Average	W	45.1	47.4	42.2	—	—
Indiana						
January	51.8	50.8	49.7	46.2	—	W
February	52.7	52.4	50.8	47.7	W	W
March	48.0	48.8	48.9	45.4	W	—
April	W	NA	50.0	47.6	W	—
May	NA	W	49.2	46.2	W	—
June	NA	NA	45.7	42.8	W	—
July	NA	46.0	45.3	41.5	—	—
August	W	44.4	43.4	40.3	W	—
September	NA	49.8	47.5	45.1	W	—
October	NA	52.0	47.8	44.9	—	W
November	W	45.6	45.7	41.0	W	—
December	NA	40.9	39.8	35.0	W	—
1998 Average	49.4	46.8	47.0	43.7	W	W
Iowa						
January	56.5	55.1	52.1	49.9	—	—
February	58.8	55.4	52.2	50.9	—	—
March	57.1	53.0	51.1	48.9	—	—
April	NA	56.1	51.0	51.3	—	—
May	NA	54.3	51.1	50.7	—	—
June	NA	49.9	NA	45.8	—	—
July	NA	50.8	NA	45.1	—	—
August	NA	47.9	NA	43.5	—	—
September	NA	51.4	NA	48.3	—	—
October	NA	51.9	NA	47.3	—	—
November	NA	47.9	NA	43.1	—	—
December	W	42.6	NA	37.1	—	—
1998 Average	NA	49.7	48.5	46.9	—	—
Kansas						
January	55.5	55.1	55.1	48.1	—	—
February	55.6	54.5	52.9	48.9	—	—
March	53.7	50.1	51.3	47.4	—	—
April	NA	54.4	48.8	49.3	—	—
May	NA	53.2	50.1	48.4	—	—
June	NA	51.1	46.7	44.7	—	—
July	NA	NA	47.2	44.6	—	—
August	NA	48.6	46.8	42.5	—	—
September	W	49.8	48.2	45.8	—	—
October	W	47.5	48.1	45.0	—	—
November	49.9	44.8	42.7	40.3	—	—
December	44.2	41.4	38.0	35.1	—	—
1998 Average	52.7	47.7	48.2	45.2	—	—

See footnotes at end of table.

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

Geographic Area Month	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Kentucky						
January	51.4	50.5	51.4	47.6	W	—
February	W	52.7	51.8	48.6	W	—
March	W	52.3	49.5	46.0	W	—
April	W	W	51.3	47.5	W	—
May	—	W	49.7	45.7	W	—
June	—	W	46.5	43.0	W	—
July	—	W	45.8	41.8	W	—
August	—	W	44.1	40.1	W	—
September	—	W	48.5	45.4	W	—
October	—	W	49.3	45.9	W	—
November	W	W	46.0	42.2	W	—
December	W	W	40.0	35.4	W	—
1998 Average	50.1	50.2	47.8	44.1	W	—
Michigan						
January	50.5	50.2	50.9	46.6	—	—
February	50.9	51.8	51.4	48.4	—	—
March	W	48.1	49.4	45.8	—	—
April	W	51.1	50.7	48.2	—	—
May	W	49.5	49.9	46.8	—	—
June	W	45.8	47.0	43.5	—	—
July	W	47.1	46.3	42.5	—	—
August	W	45.6	44.9	40.8	—	—
September	W	52.0	49.1	46.2	—	—
October	NA	50.5	48.7	45.1	—	—
November	W	46.3	45.6	42.2	—	—
December	W	40.5	41.3	35.7	—	—
1998 Average	W	47.3	47.9	44.3	—	—
Minnesota						
January	61.0	54.6	56.2	50.2	W	W
February	60.5	54.0	54.5	50.5	W	NA
March	56.8	52.2	54.9	48.4	W	W
April	W	53.5	54.8	50.5	—	W
May	W	54.0	53.5	50.1	W	W
June	W	49.6	50.6	45.8	W	W
July	W	49.4	48.9	45.0	W	NA
August	W	47.8	48.8	43.3	W	W
September	W	53.0	52.1	48.3	W	—
October	W	51.1	51.8	47.6	W	W
November	59.9	47.6	48.0	43.3	W	W
December	54.5	41.7	42.7	37.4	W	W
1998 Average	60.2	49.3	50.8	46.8	39.9	W
Missouri						
January	W	55.5	52.5	47.8	—	—
February	W	55.5	52.7	48.4	—	—
March	W	52.7	51.1	46.2	—	—
April	NA	55.3	51.6	47.9	—	—
May	NA	W	51.2	46.8	—	—
June	NA	51.0	47.5	43.5	—	—
July	NA	50.0	47.9	43.0	—	—
August	NA	47.5	45.8	41.0	—	—
September	NA	52.2	49.1	46.0	—	—
October	NA	51.0	49.5	45.0	—	—
November	W	47.9	NA	40.8	—	—
December	NA	42.5	40.9	34.8	—	—
1998 Average	W	49.6	48.8	44.1	—	—

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						
January	60.0	57.2	46.4	50.2	—	—
February	61.3	56.8	NA	50.6	—	—
March	59.1	53.7	46.1	49.0	—	—
April	NA	NA	47.6	51.5	—	—
May	NA	56.0	45.5	50.9	—	—
June	NA	50.7	41.8	46.5	—	—
July	NA	NA	45.4	45.9	—	—
August	NA	48.9	45.9	43.8	—	—
September	W	52.8	45.0	47.5	—	—
October	NA	52.4	NA	46.5	—	—
November	W	47.9	44.9	41.7	—	—
December	W	42.7	40.1	36.3	—	—
1998 Average	NA	49.3	45.5	46.7	—	—
North Dakota						
January	57.8	56.3	49.9	51.6	—	—
February	56.9	55.4	51.8	51.7	—	—
March	54.8	54.1	W	50.3	—	—
April	W	57.0	NA	52.6	—	—
May	NA	54.6	W	52.4	—	—
June	NA	51.6	W	48.2	—	—
July	NA	50.5	NA	47.6	—	—
August	NA	49.7	W	47.0	—	—
September	NA	54.1	W	49.8	—	—
October	NA	53.1	W	49.3	—	—
November	W	50.3	NA	45.2	—	—
December	NA	44.7	W	39.4	—	—
1998 Average	NA	51.5	NA	49.0	—	—
Ohio						
January	53.0	50.0	53.8	48.0	W	—
February	54.7	52.2	54.1	49.5	W	—
March	52.6	49.4	52.0	46.9	W	—
April	W	52.0	53.8	49.0	W	—
May	NA	51.2	52.0	47.0	W	—
June	W	W	49.3	44.1	—	—
July	W	47.9	48.3	43.1	—	—
August	W	46.5	46.3	41.3	W	—
September	W	NA	50.4	46.7	—	—
October	W	54.1	50.3	46.9	W	—
November	W	49.0	48.7	44.2	W	—
December	W	W	42.9	36.6	W	—
1998 Average	53.0	48.9	50.1	45.3	W	—
Oklahoma						
January	W	55.4	49.2	48.2	—	—
February	W	NA	47.7	48.0	—	—
March	W	48.4	49.6	46.2	—	—
April	W	52.1	50.3	47.7	—	—
May	W	51.6	49.2	46.4	—	—
June	—	45.3	46.1	43.0	—	—
July	—	W	46.3	42.2	—	—
August	—	42.1	43.6	40.6	—	—
September	—	47.7	46.8	44.3	—	—
October	—	46.9	47.7	43.5	—	—
November	W	45.2	43.6	39.6	—	—
December	W	38.8	42.3	33.0	—	—
1998 Average	51.2	49.4	46.7	43.5	—	—

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
South Dakota						
January	59.4	59.1	54.9	52.7	—	—
February	W	58.7	55.5	52.5	—	—
March	W	56.2	54.6	51.1	—	—
April	W	58.6	55.6	53.4	—	—
May	NA	57.3	55.2	53.2	—	—
June	NA	52.5	49.8	48.7	—	—
July	NA	50.2	49.1	47.2	—	—
August	NA	50.1	48.6	46.2	—	—
September	W	53.9	48.5	49.4	—	—
October	W	53.7	49.6	48.5	—	—
November	W	48.9	47.4	44.5	—	—
December	W	44.0	39.2	37.7	—	—
1998 Average	56.5	51.3	51.0	48.8	—	—
Tennessee						
January	—	W	52.9	49.0	W	—
February	—	W	51.4	47.4	W	—
March	W	—	50.3	44.7	W	—
April	NA	—	51.0	45.9	W	—
May	NA	—	50.2	44.8	W	—
June	—	—	48.7	42.7	W	—
July	—	W	48.0	41.4	W	—
August	—	W	45.0	38.6	W	—
September	—	W	48.4	44.7	W	—
October	—	W	49.1	44.4	W	—
November	—	W	46.0	40.1	W	—
December	W	W	40.7	34.0	W	—
1998 Average	W	W	48.4	43.1	W	—
Wisconsin						
January	55.6	51.3	51.1	46.7	—	—
February	55.5	52.3	51.8	47.8	W	—
March	W	49.4	48.9	45.1	W	—
April	W	51.8	50.2	47.9	—	—
May	NA	51.2	49.1	46.9	—	—
June	W	47.7	45.8	43.2	—	—
July	W	47.3	45.1	42.0	—	—
August	W	44.9	43.6	40.4	—	—
September	W	51.1	48.3	45.7	—	—
October	W	51.3	47.6	44.9	—	—
November	W	47.0	44.8	41.5	—	—
December	NA	40.7	39.2	35.1	—	—
1998 Average	W	47.7	47.0	43.9	W	—
PAD District III						
January	W	NA	54.7	47.8	—	—
February	W	NA	52.2	46.0	W	W
March	W	NA	48.8	43.5	—	NA
April	—	57.9	50.0	44.3	W	W
May	—	54.1	48.7	43.0	W	W
June	—	51.6	46.4	40.3	—	W
July	—	W	46.2	39.3	—	W
August	—	W	44.1	37.0	W	—
September	—	W	46.7	41.6	W	W
October	W	56.3	47.5	42.1	—	W
November	W	55.8	44.5	37.5	—	W
December	W	49.8	39.0	32.5	W	W
1998 Average	W	54.0	47.4	41.0	W	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
Alabama						
January	—	W	51.5	48.1	—	—
February	—	—	50.4	46.5	—	—
March	—	W	48.1	44.3	—	—
April	—	—	48.7	45.4	—	—
May	—	—	47.7	44.3	—	—
June	—	—	44.6	41.1	—	—
July	—	—	43.9	40.0	—	—
August	—	—	42.0	37.8	—	—
September	—	—	46.1	43.6	—	—
October	—	—	46.3	43.4	—	—
November	—	—	42.7	38.5	—	—
December	—	W	37.1	33.2	—	—
1998 Average	—	W	45.5	42.3	—	—
Arkansas						
January	—	—	58.8	48.2	—	—
February	—	—	57.5	47.0	—	—
March	—	—	55.7	44.5	—	—
April	—	—	57.3	45.7	—	—
May	—	—	57.7	44.5	—	—
June	—	—	55.2	41.8	—	—
July	—	—	54.5	41.1	—	—
August	—	—	51.0	38.7	—	—
September	—	—	53.5	44.0	—	—
October	—	—	52.9	43.1	—	—
November	—	—	48.2	39.2	—	—
December	—	—	42.0	33.7	—	—
1998 Average	—	—	53.0	42.4	—	—
Louisiana						
January	—	—	53.7	46.9	—	—
February	—	—	52.5	45.2	—	—
March	—	—	46.8	42.5	—	—
April	—	—	50.6	42.9	—	—
May	—	—	48.0	41.6	—	—
June	—	—	46.7	38.9	—	—
July	—	—	44.6	38.3	—	—
August	—	—	44.0	35.8	—	—
September	—	—	45.8	39.9	—	—
October	—	—	46.2	40.8	—	—
November	—	—	44.0	36.7	—	—
December	—	—	39.0	32.2	—	—
1998 Average	—	—	46.8	39.9	—	—
Mississippi						
January	—	—	50.5	47.8	—	—
February	—	—	48.2	46.0	W	W
March	—	—	45.8	42.7	—	NA
April	—	—	46.6	43.9	W	W
May	—	—	45.8	42.5	W	W
June	—	—	42.7	40.4	—	W
July	—	—	41.7	39.6	—	W
August	—	—	39.4	37.7	W	—
September	—	—	44.6	42.6	W	W
October	—	—	44.4	43.1	—	W
November	—	—	40.1	38.2	—	W
December	—	—	34.6	33.1	W	W
1998 Average	—	—	43.7	41.6	W	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
New Mexico						
January	W	71.3	75.3	55.5	—	—
February	W	66.2	69.7	51.3	—	—
March	—	64.9	67.1	50.4	—	—
April	—	68.6	66.9	53.0	—	—
May	—	—	71.5	52.3	—	—
June	—	W	W	49.3	—	—
July	—	57.2	71.9	47.4	—	—
August	—	53.2	69.5	43.7	—	—
September	—	56.7	67.1	45.9	—	—
October	—	59.8	67.7	48.3	—	—
November	—	59.7	66.2	45.5	—	—
December	—	55.8	62.0	39.1	—	—
1998 Average	W	62.4	68.9	48.3	—	—
Texas						
January	—	W	54.2	47.6	—	—
February	—	W	51.2	45.8	—	—
March	W	W	48.4	43.4	—	—
April	—	53.0	48.6	44.1	—	—
May	—	54.1	47.6	42.8	—	—
June	—	50.2	45.0	40.0	—	—
July	—	W	45.6	38.9	—	—
August	—	W	42.9	36.6	—	—
September	—	W	45.4	41.3	—	W
October	W	W	46.7	41.9	—	W
November	W	47.5	43.7	37.1	—	W
December	W	41.9	38.1	32.1	—	W
1998 Average	W	NA	46.5	40.7	—	W
PAD District IV						
January	66.1	65.6	58.5	53.8	—	—
February	61.5	62.6	55.3	52.9	—	—
March	60.5	60.9	55.4	52.3	—	—
April	NA	64.7	57.0	56.1	—	—
May	NA	66.1	60.1	58.0	—	—
June	NA	61.5	55.5	51.6	—	—
July	NA	57.8	53.2	48.0	—	—
August	NA	59.0	54.1	49.6	—	—
September	NA	60.6	55.5	51.9	—	—
October	63.3	62.2	56.8	53.2	—	—
November	60.1	57.7	54.1	48.5	—	—
December	50.7	48.7	46.2	39.8	—	—
1998 Average	59.6	58.4	55.1	51.2	—	—
Colorado						
January	56.7	59.1	58.6	51.1	—	—
February	54.4	57.3	56.0	49.8	—	—
March	W	57.5	56.4	50.7	—	—
April	W	62.3	57.3	55.3	—	—
May	NA	63.4	57.3	55.1	—	—
June	NA	57.1	53.6	48.8	—	—
July	NA	51.7	56.5	44.7	—	—
August	W	51.6	55.5	43.5	—	—
September	W	54.8	51.8	46.7	—	—
October	W	56.9	54.0	48.7	—	—
November	57.2	52.0	54.7	43.0	—	—
December	54.4	44.2	51.1	36.4	—	—
1998 Average	56.0	53.3	55.2	47.4	—	—

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						
January	67.4	66.0	56.1	55.1	—	—
February	65.5	64.3	53.8	54.8	—	—
March	65.3	63.3	53.8	54.4	—	—
April	W	65.9	55.2	56.2	—	—
May	NA	69.0	60.0	58.8	—	—
June	NA	64.5	54.2	52.8	—	—
July	NA	62.9	49.9	48.7	—	—
August	NA	64.2	54.1	52.8	—	—
September	W	65.0	57.5	56.5	—	—
October	NA	65.5	57.9	57.2	—	—
November	NA	60.6	53.6	54.1	—	—
December	NA	48.7	43.0	43.2	—	—
1998 Average	62.6	59.3	54.5	53.6	—	—
Montana						
January	71.6	70.2	57.9	56.8	—	—
February	NA	66.5	57.6	54.9	—	—
March	58.4	62.8	56.6	53.0	—	—
April	—	66.3	56.0	56.9	—	—
May	W	66.2	58.7	56.7	—	—
June	65.8	63.9	56.2	53.0	—	—
July	W	60.7	55.0	51.6	—	—
August	W	63.7	55.0	53.1	—	—
September	W	62.3	55.7	52.7	—	—
October	W	63.3	53.9	52.4	—	—
November	61.6	60.6	54.2	49.9	—	—
December	52.0	53.8	46.5	43.3	—	—
1998 Average	59.6	62.4	55.1	53.1	—	—
Utah						
January	65.6	66.0	59.4	55.2	—	—
February	64.4	66.0	55.5	54.8	—	—
March	61.6	64.3	54.9	53.5	—	—
April	NA	NA	56.8	56.0	—	—
May	NA	NA	61.8	62.4	—	—
June	W	NA	55.0	53.4	—	—
July	W	NA	50.6	48.8	—	—
August	W	NA	51.4	53.8	—	—
September	W	NA	56.6	57.2	—	—
October	68.2	NA	58.1	58.4	—	—
November	59.5	60.5	53.0	52.6	—	—
December	46.4	46.9	44.3	40.8	—	—
1998 Average	58.1	59.4	54.7	53.5	—	—
Wyoming						
January	W	66.0	58.4	52.9	—	—
February	W	63.8	54.3	51.3	—	—
March	60.5	61.7	55.0	50.9	—	—
April	63.3	65.6	58.1	56.6	—	—
May	67.8	67.8	60.4	57.9	—	—
June	W	62.3	57.2	51.6	—	—
July	—	57.9	53.5	48.4	—	—
August	W	58.8	55.6	47.9	—	—
September	62.5	59.1	56.7	49.2	—	—
October	W	63.3	58.1	51.6	—	—
November	W	59.1	54.6	46.6	—	—
December	W	50.1	45.6	38.5	—	—
1998 Average	61.5	59.7	55.5	50.4	—	—

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
PAD District V						
January	61.6	69.7	59.8	54.2	W	W
February	60.4	67.9	57.7	50.3	W	W
March	59.2	63.6	53.4	46.7	W	W
April	55.9	63.7	55.5	52.4	W	W
May	W	59.2	54.5	50.9	W	W
June	W	53.1	50.3	47.1	W	W
July	W	54.5	50.4	47.3	W	W
August	52.0	57.8	51.2	48.7	W	W
September	57.1	54.9	53.1	49.8	W	W
October	NA	NA	53.6	49.3	W	W
November	60.6	57.9	52.0	48.6	W	W
December	57.5	51.7	46.4	40.9	W	W
1998 Average	57.4	59.6	53.1	48.8	W	39.0
Alaska						
January	61.2	73.1	78.6	57.1	W	W
February	60.2	72.8	81.9	55.8	W	W
March	59.1	65.5	77.0	45.5	W	W
April	55.9	64.8	NA	43.6	W	—
May	W	59.7	66.3	51.3	W	W
June	W	52.9	67.0	50.2	W	W
July	W	54.3	63.6	49.8	W	W
August	51.9	57.6	68.3	53.2	W	W
September	56.9	54.3	NA	50.5	W	W
October	NA	NA	74.3	50.8	W	—
November	61.0	58.3	73.8	49.6	W	W
December	57.8	52.2	NA	47.6	W	—
1998 Average	57.3	60.6	71.9	49.9	W	W
Arizona						
January	W	W	63.5	53.9	—	—
February	W	60.9	57.7	50.2	—	—
March	W	W	55.4	47.0	—	—
April	—	W	61.1	55.5	—	—
May	—	—	58.8	50.5	—	—
June	—	—	55.5	47.9	—	—
July	—	—	56.9	46.6	—	—
August	—	W	54.2	44.9	—	—
September	—	W	54.8	48.2	—	—
October	—	NA	54.2	47.7	—	—
November	W	60.6	51.2	47.4	—	—
December	W	W	47.0	41.6	—	—
1998 Average	W	58.9	55.9	48.3	—	—
California						
January	—	W	60.7	56.8	—	W
February	W	W	54.7	51.0	—	W
March	—	W	50.7	48.1	—	W
April	—	—	55.2	55.4	—	W
May	—	—	54.1	52.9	—	W
June	—	—	49.2	49.5	—	W
July	—	—	49.6	48.0	—	W
August	—	—	50.2	48.6	—	W
September	—	—	51.0	50.3	—	W
October	—	—	50.9	49.9	—	W
November	—	W	50.1	49.5	—	W
December	—	W	43.8	40.4	—	W
1998 Average	W	49.1	51.4	49.8	—	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
Hawaii						
January	—	W	W	75.8	—	—
February	—	—	W	70.5	—	—
March	—	—	W	71.3	—	—
April	—	—	W	70.0	—	—
May	—	—	W	70.0	—	—
June	—	—	W	70.2	—	—
July	—	—	W	68.6	—	—
August	—	—	W	69.1	—	—
September	—	—	W	69.3	—	—
October	—	—	W	65.4	—	—
November	—	—	W	68.9	—	—
December	—	—	W	66.3	—	—
1998 Average	—	W	55.7	69.5	—	—
Nevada						
January	—	W	W	54.0	—	—
February	—	W	W	50.7	—	—
March	—	W	W	48.0	—	—
April	—	W	57.0	55.0	—	—
May	—	—	W	54.7	—	—
June	—	—	W	49.4	—	—
July	—	—	W	48.1	—	—
August	—	—	W	49.4	—	—
September	—	—	W	50.8	—	—
October	—	W	W	50.8	—	—
November	—	W	52.2	47.6	—	—
December	—	44.5	W	42.0	—	—
1998 Average	—	60.4	54.5	49.8	—	—
Oregon						
January	W	64.5	54.9	48.8	—	—
February	W	60.4	48.9	47.9	—	—
March	—	57.0	45.1	42.3	—	—
April	—	59.5	W	47.6	—	—
May	—	61.7	49.0	46.4	—	—
June	—	55.2	43.5	40.7	—	—
July	—	W	45.5	45.3	—	—
August	—	57.5	47.3	48.3	—	—
September	—	W	47.0	48.1	—	—
October	W	60.3	47.0	47.6	—	—
November	—	59.9	W	45.9	—	—
December	—	51.7	38.6	40.0	—	—
1998 Average	W	59.0	47.2	45.7	—	—
Washington						
January	W	63.1	49.1	48.7	—	—
February	W	60.1	49.6	47.2	—	—
March	W	55.6	44.2	43.5	—	—
April	W	59.5	46.0	47.3	—	—
May	—	56.0	47.9	46.0	—	W
June	—	54.6	40.5	41.5	—	—
July	—	55.5	42.7	44.8	—	—
August	W	59.4	44.8	48.8	—	—
September	W	59.7	45.1	48.0	—	—
October	NA	60.0	NA	46.6	—	—
November	W	57.7	48.4	46.0	—	W
December	W	51.2	41.7	40.0	—	W
1998 Average	W	57.1	45.4	45.7	—	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: PAD District and U.S. averages represent data for all States. In certain PAD Districts, however, prices are not shown for every State.

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

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

Geographic Area Month	Sales to End Users							Sales for Resale
	Residential Consumers	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets	Petro- Chemical	Other End Users	Average	
United States								
January	93.5	86.5	74.3	66.0	32.2	69.9	84.2	36.5
February	95.0	87.5	70.8	64.6	30.8	68.9	83.5	34.1
March	92.3	85.3	69.0	63.1	28.3	68.8	81.3	32.1
April	93.2	84.4	72.0	63.5	28.7	71.6	79.3	31.1
May	93.3	85.0	70.2	62.4	28.1	75.4	76.8	30.1
June	90.4	84.2	69.9	61.4	25.1	71.8	75.5	27.5
July	86.2	82.5	68.3	58.7	24.7	68.2	74.0	26.6
August	81.9	78.7	67.1	59.3	24.3	64.5	70.5	26.5
September	81.4	77.6	65.9	57.6	24.3	59.7	71.2	26.9
October	82.6	74.0	66.3	NA	25.9	56.0	71.0	28.5
November	84.4	75.3	68.1	77.6	26.0	60.0	74.9	28.4
December	84.9	75.4	67.8	77.2	21.5	61.2	74.9	26.4
1998 Average	88.8	81.6	69.2	67.6	27.0	64.7	77.4	29.7
PAD District I								
January	112.7	89.4	76.9	63.3	W	75.6	101.2	42.0
February	111.5	90.2	75.7	61.5	—	72.2	100.7	39.3
March	110.7	88.0	73.1	60.0	—	72.9	99.3	37.1
April	113.8	86.3	73.4	61.9	—	75.9	98.6	36.9
May	114.0	86.2	71.3	61.6	—	79.9	97.3	36.1
June	113.0	85.1	72.8	60.5	—	76.7	93.8	32.9
July	108.9	84.7	71.4	57.5	—	73.9	90.9	32.6
August	105.0	80.3	69.4	57.0	—	69.0	86.8	32.2
September	104.2	80.0	67.3	56.7	—	66.4	87.8	32.1
October	105.3	78.8	67.1	NA	—	66.5	89.6	33.5
November	105.8	79.2	68.0	76.2	—	68.6	92.1	33.9
December	105.3	77.0	68.7	74.2	—	68.2	92.4	31.6
1998 Average	109.3	84.4	71.0	64.9	W	71.5	95.2	35.4
Subdistrict IA								
January	116.4	87.3	78.6	59.4	—	83.6	104.8	45.9
February	114.9	85.4	75.0	57.8	—	80.2	103.4	44.7
March	113.5	84.6	73.7	54.8	—	79.7	101.5	43.3
April	118.3	84.4	78.3	54.1	—	88.0	104.7	41.7
May	118.9	84.7	87.0	52.2	—	97.4	105.7	41.2
June	119.4	83.6	W	49.2	—	95.2	NA	38.6
July	118.0	84.2	W	51.0	—	NA	96.1	37.4
August	117.3	84.8	W	50.5	—	81.2	94.4	36.8
September	117.9	85.5	W	51.2	—	NA	96.0	36.3
October	117.0	85.9	W	NA	—	87.6	95.0	38.2
November	114.1	82.4	NA	69.1	—	81.1	95.2	38.6
December	111.4	81.0	NA	63.4	—	75.7	93.9	36.7
1998 Average	115.7	84.5	NA	57.3	—	85.4	98.6	40.9
Subdistrict IB								
January	117.5	88.5	86.1	66.1	—	77.0	104.2	41.7
February	116.3	88.2	86.6	66.0	—	NA	103.6	38.6
March	115.1	85.5	85.6	63.4	—	75.0	103.3	36.8
April	116.8	86.5	82.0	70.5	—	77.6	103.7	36.0
May	117.2	86.9	77.3	67.2	—	82.3	102.5	35.3
June	117.8	85.8	78.8	70.6	—	83.5	102.4	31.4
July	115.9	86.5	82.7	67.9	—	86.4	102.4	31.7
August	113.9	84.4	79.3	66.0	—	85.6	100.9	31.3
September	111.3	80.6	74.6	64.6	—	NA	97.0	31.6
October	110.3	78.0	75.1	NA	—	69.7	95.6	33.0
November	108.0	80.6	77.1	73.1	—	70.5	96.3	32.8
December	108.1	75.5	78.5	73.5	—	73.3	96.5	31.1
1998 Average	113.7	83.6	80.4	68.8	—	75.5	100.7	34.6

See footnotes at end of table.

Table 38. Propane (Consumer Grade) Prices by Sales Type and PAD District
(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	Petro- Chemical	Other End Users	Average	
Subdistrict IC								
January	109.6	90.4	74.1	W	W	74.0	99.0	41.1
February	108.6	92.1	72.8	W	—	72.9	98.9	38.5
March	107.8	89.9	69.4	W	—	71.3	96.8	35.7
April	108.8	86.8	69.4	58.8	—	73.1	93.0	36.2
May	107.5	86.5	67.0	61.0	—	75.3	90.1	35.7
June	103.7	85.4	66.0	58.3	—	72.1	86.4	32.8
July	98.4	84.2	63.7	W	—	69.2	82.9	32.3
August	93.6	NA	60.4	W	—	66.3	77.9	32.1
September	94.1	77.9	62.7	W	—	64.3	80.2	31.9
October	98.1	76.5	61.6	W	—	63.7	84.2	33.1
November	100.9	77.1	63.9	W	—	66.4	88.0	33.8
December	101.4	76.2	66.3	W	—	65.7	89.5	30.9
1998 Average	104.5	84.6	67.2	W	W	68.8	91.2	34.7
PAD District II								
January	80.4	82.5	75.1	63.2	42.8	65.8	78.4	36.5
February	80.8	84.4	75.5	61.3	W	65.6	79.0	34.0
March	77.5	81.4	74.0	60.1	W	65.1	76.0	32.0
April	76.5	80.1	75.4	62.2	W	69.0	75.5	30.6
May	75.0	81.8	74.8	63.7	W	76.1	75.7	29.0
June	75.0	82.2	73.6	61.8	W	69.1	74.7	27.1
July	71.6	78.9	72.5	59.3	W	64.4	71.1	26.1
August	67.6	74.8	71.0	57.3	W	59.8	67.2	25.9
September	66.2	71.2	69.7	58.1	W	55.5	64.4	26.5
October	66.8	NA	68.8	NA	W	52.7	62.4	28.3
November	69.1	66.9	69.9	82.8	—	55.9	66.7	27.2
December	70.4	68.9	68.8	80.3	W	56.4	68.6	25.2
1998 Average	74.0	76.7	72.5	70.3	36.8	60.0	71.8	29.2
PAD District III								
January	95.6	79.0	69.6	72.8	31.8	69.5	65.4	33.0
February	96.4	78.8	NA	71.7	30.5	71.1	60.2	31.3
March	94.7	77.8	53.5	68.7	28.3	71.1	58.5	29.4
April	93.3	77.6	NA	64.8	28.7	70.3	52.2	29.2
May	90.3	75.9	68.0	64.9	28.0	71.2	49.7	28.5
June	88.1	77.3	64.1	63.3	25.0	71.6	48.2	26.0
July	86.5	74.0	61.4	63.8	24.7	67.1	50.2	25.1
August	84.7	74.0	62.5	60.2	24.3	63.7	50.6	25.0
September	85.3	73.9	62.9	59.8	24.3	61.9	55.0	25.4
October	86.2	72.5	62.5	NA	25.8	63.0	58.1	27.2
November	87.5	71.8	62.9	72.9	26.0	64.9	59.8	26.8
December	88.7	73.5	59.9	74.6	21.5	64.1	58.9	24.1
1998 Average	90.7	75.4	61.5	68.5	26.9	67.6	57.1	27.6
PAD District IV								
January	77.4	80.9	66.9	63.2	—	75.2	76.8	36.7
February	76.7	80.3	66.9	61.6	—	75.6	76.3	33.2
March	76.1	80.7	65.6	61.6	—	74.3	75.6	31.3
April	74.9	82.1	60.6	58.7	—	73.9	74.3	29.4
May	71.4	87.8	52.3	61.8	—	72.6	71.7	28.6
June	67.4	85.5	47.6	60.5	—	70.7	68.0	25.7
July	63.5	84.9	46.5	57.9	—	67.0	64.7	24.5
August	62.6	82.6	44.9	61.5	—	66.5	63.5	24.4
September	63.1	82.3	47.1	55.6	—	68.0	63.9	25.2
October	66.9	NA	49.7	NA	—	67.6	66.1	26.7
November	68.2	71.8	57.4	67.9	—	67.4	67.8	27.3
December	69.3	71.8	58.8	66.1	—	66.9	68.7	26.9
1998 Average	70.9	79.3	55.5	62.3	—	70.7	70.6	28.8

See footnotes at end of table.

Table 38. Propane (Consumer Grade) Prices by Sales Type and PAD District
(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	Petro- Chemical	Other End Users	Average	
PAD District V								
January	111.5	94.7	72.7	74.4	—	73.1	99.7	45.3
February	110.0	92.6	72.2	73.5	—	65.1	97.1	41.2
March	106.5	92.5	70.8	69.8	—	67.9	95.0	37.8
April	103.7	89.9	67.9	67.5	—	69.8	91.8	35.7
May	99.4	91.3	65.3	61.4	—	65.0	88.1	34.3
June	95.9	88.5	64.4	61.6	—	62.2	85.1	32.0
July	92.2	87.5	61.9	58.1	—	61.2	81.9	28.3
August	89.5	84.9	62.1	64.5	—	61.5	80.6	27.9
September	89.7	83.4	61.3	58.3	—	58.4	80.6	27.8
October	95.3	80.3	66.7	NA	—	60.2	84.6	30.5
November	97.1	82.1	72.1	76.2	—	59.5	87.7	34.2
December	100.1	86.1	73.0	81.0	—	60.6	91.5	36.0
1998 Average	100.6	87.9	68.0	69.3	—	63.9	89.8	34.8

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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							
January	92.5	59.3	61.6	66.0	65.5	69.6	51.0
February	91.6	57.4	59.9	63.2	63.3	67.4	49.4
March	89.6	54.8	57.4	61.1	61.7	64.2	46.9
April	87.7	55.5	58.5	61.5	63.5	62.4	48.5
May	84.9	54.2	57.4	61.7	63.0	60.2	47.3
June	81.2	50.9	54.6	59.0	59.6	56.8	43.9
July	77.7	50.0	53.8	57.9	57.4	55.4	42.7
August	75.5	48.9	52.4	56.2	56.9	54.2	41.3
September	77.0	51.6	55.2	58.2	59.8	57.0	45.5
October	78.6	52.1	55.3	58.7	60.4	58.2	45.2
November	79.9	50.0	52.9	56.6	57.2	57.6	41.8
December	78.9	46.2	48.8	52.3	52.6	55.4	36.6
1998 Average	85.2	52.5	55.6	59.3	60.0	59.9	45.0
PAD District I							
January	93.5	63.7	62.4	67.8	64.5	77.3	51.8
February	92.8	61.1	62.1	64.6	62.8	75.3	49.8
March	90.8	58.2	59.0	62.1	60.6	71.4	47.5
April	88.6	56.9	58.7	61.7	61.3	66.4	47.4
May	85.9	54.9	57.3	61.4	60.6	61.9	45.8
June	82.1	52.0	55.1	59.6	55.3	58.3	42.6
July	78.4	50.5	54.2	57.7	51.4	56.0	41.1
August	76.1	49.0	51.8	55.9	51.0	54.7	39.2
September	77.6	52.5	55.0	57.5	56.2	58.6	43.9
October	79.1	53.1	55.7	58.4	57.5	60.5	43.8
November	80.6	51.7	53.3	56.6	54.2	62.2	40.6
December	79.6	49.2	50.6	53.1	51.4	61.9	36.8
1998 Average	86.2	54.6	56.1	59.6	56.8	64.7	44.5
Subdistrict 1A							
January	89.6	66.9	73.9	78.6	56.6	83.3	53.5
February	88.5	65.4	71.9	75.5	55.6	82.1	51.4
March	86.9	63.0	68.1	72.1	54.8	79.4	49.7
April	84.4	60.3	68.7	71.2	53.5	75.7	48.7
May	82.4	57.3	65.1	70.8	55.6	71.1	47.3
June	78.7	55.0	62.2	68.8	52.4	66.9	44.0
July	75.7	53.2	59.2	66.1	52.3	63.9	42.2
August	73.3	51.8	58.7	65.2	50.0	62.6	39.8
September	73.9	55.4	63.1	65.8	54.0	66.0	44.6
October	75.5	55.9	64.6	66.8	51.7	67.9	44.2
November	75.7	55.8	62.7	65.7	48.0	69.3	42.3
December	75.0	54.4	62.4	64.6	41.1	69.0	38.3
1998 Average	82.1	58.7	65.0	69.1	51.9	73.7	46.4
Connecticut							
January	90.7	65.3	66.2	82.3	63.4	86.0	53.1
February	90.1	64.3	66.6	77.8	61.8	85.6	51.2
March	88.0	65.9	62.7	NA	60.6	83.1	48.6
April	85.8	60.8	66.3	NA	61.3	79.0	48.3
May	83.2	58.9	61.4	NA	59.6	74.9	46.7
June	78.1	55.4	56.8	NA	54.9	69.6	43.0
July	74.4	51.5	50.5	64.6	49.8	64.2	41.5
August	71.4	49.6	45.1	65.3	50.7	63.0	39.7
September	72.4	53.9	NA	66.6	56.5	66.1	44.0
October	75.5	56.5	58.6	66.9	59.7	69.5	43.9
November	77.0	55.4	57.2	64.4	56.7	71.7	41.5
December	77.1	56.1	55.6	NA	54.8	72.4	38.1
1998 Average	83.1	58.6	59.2	70.2	57.2	76.6	45.7

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	
Maine							
January	88.0	66.6	64.5	77.4	NA	80.6	54.3
February	85.1	65.4	59.1	73.9	NA	78.0	51.5
March	82.3	61.3	55.8	69.7	NA	74.1	51.0
April	81.6	61.4	57.0	68.7	NA	72.7	49.0
May	80.3	58.2	54.1	69.0	NA	69.6	46.8
June	78.6	56.9	51.9	65.2	NA	65.8	43.7
July	76.0	54.5	49.0	64.9	59.2	63.5	42.4
August	74.3	54.0	47.3	63.2	57.4	62.3	40.2
September	74.4	57.1	53.0	63.9	60.9	66.0	46.3
October	74.1	56.4	50.8	65.3	59.8	66.7	45.3
November	73.3	55.9	50.1	65.2	59.4	66.7	43.1
December	70.9	53.0	46.7	64.5	54.4	65.4	38.7
1998 Average	78.8	58.8	53.4	67.5	59.5	70.3	47.0
Massachusetts							
January	88.8	64.4	84.6	79.3	W	82.0	53.8
February	87.7	62.7	83.9	76.9	W	80.6	51.7
March	86.7	59.9	78.5	73.1	52.6	78.2	50.7
April	83.5	57.1	77.4	72.2	48.6	73.8	49.0
May	81.9	54.4	75.1	71.9	48.9	68.2	48.5
June	78.5	52.9	71.8	70.8	45.7	65.5	45.4
July	76.2	52.1	68.1	70.1	45.3	63.8	42.5
August	74.0	50.2	69.6	69.2	41.5	62.3	40.4
September	74.2	53.4	72.8	69.3	46.2	65.7	43.8
October	75.3	53.5	73.0	70.2	43.6	67.2	44.1
November	74.7	53.7	69.5	68.7	W	68.2	42.5
December	74.3	52.5	70.5	66.7	W	67.7	38.5
1998 Average	81.8	56.4	74.3	71.4	46.9	72.8	47.0
New Hampshire							
January	86.6	69.8	65.2	75.2	66.2	80.6	52.4
February	86.7	68.5	62.5	73.8	60.9	80.3	51.0
March	84.1	65.0	61.6	69.8	58.7	76.8	49.4
April	81.3	61.6	63.1	69.5	58.8	73.0	49.7
May	79.4	59.7	59.5	67.5	57.8	69.1	47.1
June	75.6	54.4	55.8	66.8	58.3	64.0	43.6
July	70.5	53.7	54.5	65.5	52.4	61.3	42.4
August	68.5	52.6	53.7	64.0	56.3	60.5	38.9
September	70.8	56.3	56.5	64.7	NA	64.0	45.1
October	71.1	56.5	NA	65.7	55.0	64.9	44.4
November	72.3	56.8	61.9	65.4	55.9	66.6	42.9
December	71.4	54.1	59.7	65.7	50.0	66.0	38.6
1998 Average	78.8	59.9	59.4	67.7	56.9	70.8	46.1
Rhode Island							
January	93.3	72.7	71.7	75.6	NA	87.9	52.3
February	92.6	72.5	68.5	72.8	63.3	86.7	50.4
March	90.1	67.4	68.2	70.7	NA	82.7	47.6
April	88.9	65.4	63.4	69.1	60.2	81.0	48.0
May	87.2	61.4	58.2	70.6	61.1	76.3	45.7
June	84.4	58.2	54.6	70.5	58.5	70.5	42.6
July	83.3	55.7	NA	70.2	NA	68.1	41.2
August	78.6	53.6	NA	65.6	NA	65.3	38.0
September	78.8	57.4	NA	63.6	NA	68.8	44.7
October	81.7	57.8	NA	66.0	NA	72.8	42.9
November	80.4	60.0	53.1	66.2	NA	73.9	41.1
December	79.9	59.0	53.7	64.3	NA	74.4	36.5
1998 Average	86.8	63.2	60.0	68.6	58.9	78.6	45.0

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	
Vermont							
January	92.5	72.4	77.7	77.4	79.0	85.2	55.8
February	91.6	68.1	74.8	76.1	76.0	83.7	53.3
March	92.1	65.1	71.8	73.3	73.3	82.8	50.0
April	89.1	64.3	70.2	71.8	70.4	78.9	51.2
May	86.7	61.9	65.9	71.2	69.0	73.5	50.5
June	84.3	56.7	60.9	70.5	65.8	68.2	46.3
July	81.4	57.1	54.4	70.4	65.6	66.5	45.3
August	80.9	56.5	NA	69.4	64.1	66.1	43.8
September	80.5	59.2	58.3	67.6	64.3	69.1	49.9
October	82.4	59.9	59.3	68.2	65.4	70.9	49.0
November	82.0	58.8	NA	68.0	63.3	72.5	46.5
December	81.7	57.0	NA	66.8	61.6	72.3	44.8
1998 Average	87.3	62.2	64.8	70.7	67.7	76.3	49.6
Subdistrict IB							
January	97.2	66.2	66.1	69.0	69.7	81.9	51.8
February	96.7	63.5	64.7	65.5	69.7	80.4	49.6
March	94.1	59.8	61.8	63.5	67.6	76.2	47.4
April	92.5	58.3	61.9	63.3	66.3	71.0	47.1
May	89.9	55.7	59.6	63.0	NA	64.4	45.4
June	85.1	53.0	56.0	60.8	57.2	60.7	42.0
July	80.0	51.0	55.2	58.6	54.4	58.0	40.5
August	77.7	49.3	52.7	56.8	51.5	56.3	38.9
September	80.1	52.9	56.5	58.4	58.5	60.5	43.0
October	82.2	53.5	57.0	59.2	59.8	63.0	43.0
November	84.5	53.1	54.1	57.2	56.8	66.2	40.2
December	83.3	50.7	53.0	54.1	55.6	66.3	37.0
1998 Average	89.8	56.0	58.0	60.7	60.4	68.9	44.3
Delaware							
January	92.4	NA	68.8	71.0	59.5	80.3	53.0
February	91.9	60.6	67.4	67.5	58.2	77.8	50.6
March	90.6	58.7	64.1	64.5	55.3	74.4	48.8
April	88.5	NA	66.1	63.5	56.1	67.1	49.5
May	82.3	56.3	63.6	63.1	53.2	62.3	46.7
June	79.8	51.9	60.5	61.2	49.9	57.4	43.1
July	74.1	51.0	57.9	58.8	NA	55.7	40.3
August	74.5	NA	60.0	57.2	NA	55.2	39.0
September	73.0	52.7	64.1	57.8	49.6	57.6	44.5
October	76.4	53.5	63.4	59.6	50.5	60.7	43.6
November	82.4	51.0	59.6	58.4	47.4	63.9	40.0
December	80.9	47.8	NA	54.8	44.6	64.5	38.0
1998 Average	85.8	54.5	62.7	61.2	50.8	66.0	45.1
District of Columbia							
January	111.0	64.4	W	W	W	82.9	50.7
February	110.0	63.8	—	W	W	83.7	49.0
March	104.9	63.4	—	W	W	81.2	46.3
April	100.3	NA	—	W	W	NA	47.6
May	NA	51.1	—	W	W	58.7	47.3
June	89.8	52.0	—	W	W	59.8	43.7
July	84.0	49.5	—	W	W	56.2	42.8
August	85.6	48.1	—	W	W	55.0	NA
September	84.6	50.2	—	W	W	56.1	NA
October	W	51.1	—	W	W	NA	44.4
November	W	49.5	—	W	W	67.0	40.8
December	W	48.1	—	W	W	65.5	36.7
1998 Average	102.2	56.2	W	W	W	71.6	44.9

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	
Maryland							
January	100.4	61.5	65.5	67.9	NA	80.2	52.8
February	98.8	61.1	63.7	64.4	66.8	80.1	50.4
March	96.8	57.3	61.1	61.1	63.1	75.1	47.8
April	93.1	58.5	59.4	62.1	63.5	68.4	48.3
May	89.0	56.9	57.1	61.3	NA	62.3	46.8
June	85.8	54.1	54.8	60.7	50.7	58.7	43.7
July	81.2	53.4	53.6	58.3	47.8	56.5	43.6
August	79.4	51.9	52.3	56.3	46.2	55.7	41.6
September	81.7	54.7	56.7	57.7	51.6	59.8	46.5
October	80.3	55.7	57.7	59.6	54.7	64.0	46.4
November	82.1	53.5	55.5	57.1	50.7	66.1	42.3
December	80.3	50.0	55.3	54.7	46.9	64.9	37.9
1998 Average	90.2	56.0	57.9	59.9	53.6	68.0	45.9
New Jersey							
January	96.5	61.1	77.2	68.0	61.9	80.2	50.1
February	95.8	59.8	72.8	65.0	59.6	78.0	48.3
March	92.9	56.8	68.7	62.5	NA	73.5	46.3
April	91.7	55.6	68.7	62.0	NA	68.4	45.5
May	89.6	54.5	66.1	61.1	51.9	62.9	43.9
June	83.9	52.3	63.3	60.0	NA	59.9	40.4
July	79.0	50.5	62.1	58.8	NA	57.1	39.2
August	77.1	48.5	59.9	57.5	44.2	55.4	37.5
September	80.3	51.8	63.5	57.8	48.5	59.3	41.1
October	82.3	51.5	NA	59.0	51.5	62.0	41.2
November	83.5	50.1	NA	57.7	48.0	63.8	38.3
December	82.6	47.9	59.7	56.1	42.5	64.4	35.3
1998 Average	89.2	53.5	64.9	60.4	52.0	66.9	42.7
New York							
January	101.4	71.5	64.5	75.9	76.8	88.2	53.3
February	101.0	67.5	62.9	73.0	77.1	87.0	50.9
March	98.3	63.0	60.4	70.3	75.7	82.7	48.0
April	97.1	61.1	57.6	69.9	72.3	77.4	47.4
May	95.0	57.6	57.6	69.3	69.3	69.5	46.3
June	92.2	54.5	54.1	67.8	65.8	64.9	43.5
July	89.0	52.5	52.9	66.8	65.5	62.1	40.6
August	83.7	50.4	50.6	65.3	65.1	59.9	39.4
September	85.2	54.2	55.3	64.7	67.4	64.6	43.9
October	88.0	55.2	54.3	64.7	67.3	67.3	43.7
November	89.3	55.6	52.5	62.7	64.7	71.9	41.6
December	88.5	53.0	49.8	62.3	65.1	71.9	38.0
1998 Average	94.8	58.6	55.7	67.5	69.5	75.0	45.6
Pennsylvania							
January	89.2	61.5	62.6	67.9	72.1	74.8	52.4
February	88.5	59.9	60.8	64.1	71.0	72.9	50.4
March	86.2	57.2	58.6	62.5	67.3	69.7	48.2
April	84.0	55.9	59.8	62.2	67.7	65.6	48.2
May	82.1	53.6	56.9	62.1	NA	61.0	46.5
June	75.7	50.9	52.1	59.4	56.8	57.9	43.2
July	70.1	48.4	51.9	56.7	53.7	55.3	41.2
August	69.9	47.8	48.9	54.7	48.2	53.7	39.9
September	71.7	51.2	52.3	57.1	NA	57.2	44.1
October	74.1	51.6	53.2	57.8	58.2	58.8	44.1
November	76.6	50.6	50.4	55.6	57.3	60.2	41.5
December	76.0	48.5	48.3	51.5	54.1	60.4	37.8
1998 Average	81.4	53.3	54.6	59.2	59.8	63.2	44.8

See footnotes at end of table.

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

Geographic Area Month	Sales to End Users						Sales for Resale
	Residential Consumers	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets ^c	Other End Users ^d	Average	
Subdistrict IC							
January	89.2	58.9	59.6	65.1	63.8	65.3	49.9
February	88.7	56.6	60.0	62.2	61.5	63.0	48.5
March	87.3	54.6	57.1	59.6	58.9	59.9	45.8
April	84.5	54.8	56.7	59.1	60.4	58.2	47.0
May	80.6	53.8	55.8	58.9	61.6	57.2	45.8
June	80.3	50.6	54.1	57.4	54.9	54.5	42.9
July	79.1	49.4	53.4	55.7	50.6	52.7	41.5
August	77.6	48.2	50.9	53.7	50.9	51.6	39.3
September	79.3	51.4	53.7	55.4	55.6	54.8	45.0
October	78.3	52.0	54.5	56.4	57.5	55.9	44.6
November	79.2	49.1	52.0	54.6	54.2	53.9	40.1
December	78.9	45.7	48.3	50.4	51.8	51.2	35.2
1998 Average	83.4	52.0	54.6	57.3	56.2	56.4	43.7
Virginia							
January	92.1	60.3	55.5	63.0	67.6	70.2	50.1
February	91.4	57.2	57.7	61.2	63.6	67.8	48.5
March	89.6	54.7	53.5	59.7	63.1	63.9	46.0
April	88.4	55.1	51.9	59.3	62.9	60.4	47.2
May	83.8	53.8	51.7	58.2	62.0	57.9	45.9
June	82.4	50.3	49.2	54.3	58.6	54.8	42.8
July	81.4	49.7	48.9	53.5	56.0	54.0	41.5
August	79.0	50.6	47.7	52.6	57.7	54.7	39.4
September	80.1	51.2	51.6	53.9	58.8	56.6	44.8
October	80.3	53.7	50.3	53.8	60.2	58.3	44.4
November	81.2	51.3	47.4	52.7	58.3	58.0	40.0
December	79.9	50.3	44.0	48.9	58.3	57.7	35.2
1998 Average	85.6	53.3	50.6	55.8	60.2	59.9	43.9
West Virginia							
January	91.1	56.1	56.7	74.0	66.3	64.1	50.5
February	88.9	54.5	57.4	71.5	NA	61.8	51.0
March	88.5	53.0	56.3	70.5	60.2	61.3	49.0
April	86.8	53.7	58.1	68.6	NA	60.2	51.0
May	82.1	51.2	57.4	67.9	57.9	59.4	50.4
June	79.8	47.2	54.4	66.5	58.0	56.5	46.1
July	73.3	47.5	52.5	65.7	52.8	56.1	44.8
August	72.6	44.4	51.0	62.3	54.9	53.1	45.1
September	72.6	NA	NA	62.4	NA	57.0	49.1
October	76.9	49.4	55.1	65.5	51.7	57.0	48.6
November	76.8	46.0	52.3	64.7	50.6	55.1	46.7
December	73.8	40.6	47.0	64.9	NA	52.3	39.2
1998 Average	81.8	49.4	54.5	66.8	54.8	57.8	47.9
PAD District II							
January	82.6	53.6	60.8	63.9	67.0	62.3	48.8
February	80.6	53.6	60.2	61.8	65.1	60.9	49.4
March	79.6	52.1	57.8	60.5	64.9	59.4	47.2
April	79.2	53.7	60.1	60.9	66.8	60.3	49.1
May	76.7	53.1	58.7	60.6	65.5	59.5	47.9
June	74.0	49.8	55.5	58.0	62.8	56.1	44.5
July	72.8	49.2	54.5	56.9	61.2	55.1	43.6
August	70.8	47.4	52.1	54.9	60.5	53.4	41.9
September	72.6	50.9	55.4	57.6	62.8	56.6	46.6
October	73.8	51.4	55.6	58.1	63.6	57.4	46.1
November	73.1	48.4	53.7	55.8	60.7	54.8	42.3
December	71.3	43.8	48.4	50.9	54.8	50.5	36.1
1998 Average	76.5	50.5	56.0	58.2	62.9	57.1	45.3

See footnotes at end of table.

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

Geographic Area Month	Sales to End Users						Sales for Resale
	Residential Consumers	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets ^C	Other End Users ^d	Average	
Illinois							
January	80.4	53.1	56.4	66.3	68.8	60.5	46.4
February	79.7	53.4	57.3	64.3	68.0	60.2	47.4
March	77.2	51.8	54.3	63.7	69.0	59.0	44.8
April	74.4	53.0	57.4	62.5	70.5	59.5	47.2
May	70.0	52.3	56.7	62.2	68.1	59.3	45.6
June	NA	48.8	53.9	63.7	67.4	56.8	42.3
July	70.7	48.4	51.6	62.7	66.0	55.7	41.1
August	NA	46.4	48.6	60.9	65.3	53.7	39.6
September	66.2	49.8	54.2	62.5	67.2	56.7	44.5
October	69.8	50.6	52.5	62.4	67.6	58.1	44.2
November	70.8	48.2	50.5	60.3	64.3	55.1	40.4
December	66.6	42.8	44.9	58.7	59.0	50.5	34.6
1998 Average	73.5	49.7	53.2	62.5	66.8	57.0	43.0
Indiana							
January	79.9	51.7	57.7	62.6	67.9	59.8	47.2
February	78.9	53.2	57.5	60.0	68.0	59.4	48.3
March	77.9	51.1	54.2	59.2	66.7	57.9	46.2
April	77.0	52.9	55.9	59.4	68.7	58.2	48.0
May	73.2	53.2	54.9	59.6	64.1	58.1	46.7
June	72.1	48.5	53.3	55.8	63.9	54.0	43.3
July	69.7	48.0	51.6	54.2	61.7	52.6	42.4
August	71.0	45.9	48.8	52.6	61.3	51.2	40.9
September	72.5	49.8	51.9	56.3	65.1	55.0	45.4
October	73.0	51.2	52.0	57.1	66.5	56.4	45.2
November	71.9	47.5	50.2	55.2	62.9	53.8	41.6
December	69.3	42.6	45.1	49.3	58.2	48.8	35.7
1998 Average	74.8	49.6	52.7	56.7	64.6	55.4	44.2
Michigan							
January	85.9	55.5	59.7	65.7	63.0	64.9	49.0
February	84.2	56.6	62.1	62.4	64.0	64.3	50.6
March	83.3	54.9	58.5	61.5	62.3	62.2	48.3
April	81.8	57.3	59.4	62.1	60.8	61.8	49.4
May	81.5	57.5	61.5	62.4	59.1	61.0	47.8
June	79.3	55.3	56.1	61.1	56.3	58.8	44.8
July	76.5	54.0	55.7	59.8	57.9	57.5	43.8
August	74.5	52.4	53.4	57.8	55.7	56.0	42.7
September	75.9	56.4	57.1	60.3	59.8	59.9	48.2
October	77.3	55.1	57.0	62.0	62.0	60.3	46.9
November	77.9	51.1	53.8	59.5	57.5	57.4	43.2
December	77.9	47.2	49.6	57.4	52.7	55.8	36.9
1998 Average	80.4	54.4	56.6	61.0	59.0	59.9	46.0
Minnesota							
January	81.5	60.0	64.1	73.8	73.3	72.2	51.6
February	78.1	58.0	57.6	70.0	71.2	68.6	52.1
March	77.2	58.1	NA	67.2	67.7	67.1	50.1
April	77.8	58.1	65.4	66.7	70.0	67.3	51.7
May	72.6	57.4	65.3	66.8	68.8	65.2	51.4
June	68.8	54.1	63.6	64.6	66.0	62.0	47.4
July	69.4	52.8	61.0	61.6	63.7	59.9	46.4
August	68.2	53.3	60.0	60.0	61.2	59.2	44.8
September	70.5	55.3	61.8	60.6	65.1	62.0	49.2
October	70.7	55.8	60.7	60.5	63.9	62.0	48.4
November	70.3	52.3	56.9	59.4	60.7	59.5	44.1
December	67.9	46.0	52.1	57.7	56.2	56.1	38.3
1998 Average	73.8	54.7	61.5	63.6	65.2	63.1	48.0

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	
Ohio							
January	82.2	54.3	62.4	63.6	59.9	61.5	49.0
February	80.9	54.6	61.9	62.2	59.0	60.7	50.2
March	79.5	52.1	59.3	61.0	58.0	58.5	48.0
April	79.5	54.1	61.3	62.3	61.6	59.5	49.9
May	78.8	52.2	59.9	61.5	61.0	57.6	48.0
June	75.1	49.2	55.7	58.8	55.8	54.4	45.2
July	72.7	48.5	54.9	57.5	55.6	53.4	44.1
August	70.1	46.5	52.5	55.1	54.3	51.6	42.3
September	72.3	51.0	55.9	58.1	58.5	55.6	47.2
October	74.4	51.4	57.6	59.3	60.4	56.8	47.4
November	73.4	49.8	56.0	57.2	60.6	55.6	45.0
December	71.6	45.2	50.7	50.8	50.6	50.6	37.7
1998 Average	76.7	50.7	57.2	58.8	57.8	56.2	46.2
Wisconsin							
January	85.4	56.9	NA	67.1	68.4	69.1	47.4
February	83.6	56.0	61.0	64.7	70.5	67.6	48.4
March	83.0	53.2	62.1	63.1	69.7	65.0	45.8
April	81.6	56.3	66.6	62.8	74.0	65.2	48.4
May	80.5	56.1	64.3	62.3	72.4	63.5	47.4
June	78.8	53.3	59.4	61.0	68.5	60.1	43.8
July	77.8	51.3	59.0	59.9	66.9	59.2	42.6
August	75.5	49.0	58.3	58.2	67.2	57.4	40.9
September	74.9	53.9	60.8	59.6	70.3	60.7	46.2
October	76.8	52.7	59.5	60.5	70.8	61.5	45.4
November	76.6	49.9	59.1	60.2	68.7	60.4	41.8
December	74.6	46.2	54.7	55.0	62.7	57.5	36.2
1998 Average	80.1	52.9	60.6	61.0	69.4	62.2	44.5
PAD District III							
January	66.2	54.1	58.3	62.4	61.7	59.1	49.4
February	64.7	51.7	55.9	60.2	60.1	57.0	46.9
March	62.3	48.9	54.3	57.6	58.2	54.6	44.2
April	63.0	50.3	54.7	57.7	59.2	55.7	45.8
May	61.2	49.6	53.6	58.5	59.3	55.6	44.6
June	W	47.0	51.1	55.7	57.1	53.2	41.8
July	56.2	46.3	50.2	54.6	56.0	52.2	40.1
August	55.1	44.6	48.9	52.5	53.3	50.0	37.8
September	59.8	47.6	52.1	53.9	56.1	51.9	42.2
October	57.9	47.4	51.5	54.6	55.5	52.1	42.6
November	55.6	44.7	47.8	52.1	50.9	48.9	38.7
December	51.9	40.0	43.5	48.9	47.2	44.7	33.8
1998 Average	59.1	47.5	51.9	55.6	56.5	52.9	42.1
PAD District IV							
January	83.2	61.6	69.9	71.5	70.8	67.9	55.8
February	79.4	59.2	65.5	65.8	69.1	64.2	54.3
March	76.9	57.7	63.0	65.9	67.7	63.2	54.4
April	79.1	60.8	63.2	66.6	69.5	64.9	57.6
May	76.9	61.9	64.3	68.8	69.4	66.3	59.0
June	75.1	57.7	61.0	64.8	66.6	62.2	52.8
July	73.0	55.4	59.3	63.1	65.3	60.6	49.3
August	77.3	56.8	61.2	63.3	65.3	61.4	50.6
September	78.2	56.9	62.8	65.0	66.0	62.4	52.5
October	78.6	57.1	63.2	66.0	67.1	63.2	54.0
November	77.0	54.0	60.4	62.6	63.3	60.0	49.3
December	71.0	45.7	54.1	55.8	57.8	53.4	41.3
1998 Average	77.6	57.3	62.2	64.8	66.6	62.5	52.4

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	
Idaho							
January	84.9	64.2	75.8	72.2	73.6	72.7	57.3
February	80.8	62.8	70.0	68.2	72.3	69.2	56.3
March	78.6	59.8	64.8	66.6	68.8	66.4	55.8
April	79.6	61.4	64.3	67.4	69.2	66.9	57.4
May	78.1	62.7	65.0	69.9	69.0	67.7	59.8
June	74.9	57.7	62.7	67.4	66.0	64.5	54.2
July	NA	56.1	63.4	64.7	65.7	63.6	50.3
August	79.6	58.2	67.7	66.3	68.0	66.2	54.4
September	78.4	61.6	68.5	69.1	68.7	68.1	57.5
October	78.8	60.9	68.5	69.0	68.7	67.9	58.1
November	76.4	58.3	67.0	66.9	68.1	66.4	54.9
December	71.1	49.8	60.7	59.6	63.7	60.1	45.8
1998 Average	78.4	59.7	66.6	67.2	68.5	66.6	55.0
PAD District V							
January	98.6	60.1	62.1	76.2	68.0	67.0	54.5
February	94.7	58.0	58.3	70.7	62.3	63.6	50.9
March	92.7	53.9	54.7	66.3	59.0	59.0	47.5
April	92.7	58.1	59.6	69.3	60.8	62.5	53.2
May	90.9	56.3	58.2	70.6	60.5	61.0	52.3
June	86.3	51.5	54.4	66.5	59.4	56.7	47.5
July	83.2	51.9	54.5	66.7	56.8	56.7	47.8
August	84.5	53.1	55.9	67.4	59.0	58.0	48.9
September	86.4	54.1	56.1	68.4	58.4	58.8	50.3
October	89.2	54.1	55.5	67.6	56.9	59.1	49.5
November	89.4	53.2	55.3	65.5	57.7	58.8	48.9
December	88.5	48.5	49.6	62.7	53.6	55.3	42.0
1998 Average	91.4	54.4	56.3	68.0	59.1	59.6	49.4
Alaska							
January	NA	84.3	62.4	100.2	83.7	84.0	59.2
February	87.4	83.0	57.2	96.0	81.1	82.0	57.8
March	86.5	80.7	56.6	93.1	74.3	79.3	47.7
April	86.8	NA	58.8	90.4	72.4	75.4	45.6
May	86.2	74.6	54.5	91.1	74.9	74.0	53.1
June	85.8	72.1	NA	89.9	75.0	74.9	51.9
July	81.8	67.4	55.7	89.9	79.4	69.6	51.9
August	82.5	70.8	58.3	89.6	76.7	72.6	54.6
September	83.4	NA	NA	89.2	74.1	NA	52.0
October	84.4	76.8	55.5	91.9	73.5	75.6	52.8
November	82.7	71.6	NA	94.8	NA	74.4	51.3
December	82.6	67.9	NA	86.9	59.4	NA	49.6
1998 Average	85.2	75.2	56.7	90.9	73.8	75.7	51.8
Oregon							
January	93.6	61.0	59.4	74.3	66.9	66.6	49.0
February	89.3	56.8	60.8	68.7	62.0	62.8	49.0
March	85.8	52.9	55.4	64.2	55.0	57.9	42.8
April	86.2	57.3	59.8	64.4	58.6	60.7	48.0
May	85.2	56.3	59.0	64.8	59.2	59.7	46.7
June	82.2	51.0	52.5	62.8	55.0	54.6	41.1
July	82.2	54.1	56.6	63.3	56.8	56.8	45.7
August	84.4	57.2	59.0	65.7	60.2	59.8	48.9
September	83.7	56.6	58.8	66.8	61.0	59.7	49.4
October	84.1	56.7	58.2	67.3	60.8	60.8	47.8
November	82.4	58.0	56.9	67.5	NA	63.7	46.3
December	81.9	50.8	50.0	66.8	59.9	58.2	41.0
1998 Average	86.1	55.6	57.3	66.3	60.3	60.1	46.3

See footnotes at end of table.

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

Geographic Area Month	Sales to End Users						Sales for Resale
	Residential Consumers	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets ^c	Other End Users ^d	Average	
Washington							
January	104.6	54.3	61.9	77.3	74.2	67.4	49.7
February	100.8	56.9	61.2	71.4	69.6	68.2	48.1
March	98.9	51.2	57.3	68.0	67.2	61.7	44.7
April	98.8	53.8	61.4	67.9	69.3	63.5	48.4
May	97.3	53.4	60.7	70.2	69.8	62.2	47.2
June	89.9	47.7	55.4	65.0	67.0	55.2	42.5
July	86.5	50.2	57.6	66.6	68.4	57.2	45.8
August	87.7	53.3	61.7	69.3	70.3	60.8	49.7
September	90.2	53.5	60.1	70.1	68.5	61.3	48.9
October	94.9	56.1	59.6	68.1	68.0	64.1	47.7
November	97.1	58.4	59.2	67.5	61.5	65.0	47.0
December	95.0	50.9	53.1	63.7	57.4	61.4	41.3
1998 Average	97.8	52.9	59.1	68.6	68.0	62.1	46.8

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

^b 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.

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						
January	57.1	62.0	66.0	65.7	62.1	50.9
February	55.4	60.1	63.2	63.4	59.9	49.3
March	52.9	57.7	61.1	61.7	57.7	46.9
April	54.7	59.0	61.5	63.7	59.0	49.3
May	54.0	58.0	61.7	63.9	58.9	48.3
June	50.8	55.1	59.0	60.3	55.8	44.6
July	49.8	54.6	57.9	58.0	54.6	43.5
August	48.8	53.1	56.2	57.7	53.4	42.2
September	51.4	55.8	58.2	60.3	55.7	46.2
October	51.7	55.9	58.7	60.8	56.2	46.2
November	49.1	53.5	56.6	57.5	53.5	42.4
December	44.7	49.3	52.3	52.8	49.2	36.7
1998 Average	51.6	56.2	59.3	60.4	56.2	45.4
PAD District I						
January	59.1	62.5	67.8	64.7	62.8	51.0
February	56.8	62.0	64.6	62.7	60.5	49.2
March	54.7	59.1	62.1	60.2	58.1	46.8
April	55.1	59.1	61.7	61.8	58.2	47.9
May	54.3	58.2	61.4	62.6	57.8	46.8
June	51.6	55.8	59.6	56.7	55.2	43.7
July	50.0	55.3	57.7	52.7	53.4	42.1
August	48.7	52.9	55.9	52.9	51.9	40.0
September	51.9	55.6	57.5	57.8	54.8	45.1
October	52.4	56.5	58.4	58.8	55.5	45.2
November	49.5	54.2	56.6	55.1	52.9	40.6
December	46.2	51.6	53.1	52.3	49.7	36.3
1998 Average	52.5	56.8	59.6	57.8	55.8	44.4
Subdistrict IA						
January	62.6	82.2	78.6	62.2	69.9	52.8
February	60.4	80.5	75.5	61.8	67.5	51.5
March	57.6	74.8	72.1	59.9	64.1	49.4
April	56.8	73.3	71.2	60.4	63.5	49.4
May	56.5	70.4	70.8	60.5	63.0	48.5
June	53.8	67.3	68.8	57.3	60.4	45.5
July	52.2	64.4	66.1	56.2	58.4	43.6
August	51.2	65.9	65.2	54.7	57.7	41.1
September	54.3	69.4	65.8	58.5	60.0	46.5
October	53.9	71.0	66.8	58.6	60.2	46.3
November	52.2	68.7	65.7	56.8	58.8	43.0
December	49.2	69.3	64.6	NA	56.5	39.1
1998 Average	54.9	70.9	69.1	58.0	61.5	46.3
Connecticut						
January	59.3	61.1	82.3	62.4	68.6	52.1
February	59.1	60.5	77.8	61.4	67.4	50.2
March	56.3	55.3	NA	61.4	64.2	47.7
April	56.1	56.5	NA	63.1	63.5	48.4
May	55.6	52.8	NA	63.8	62.9	48.5
June	53.2	52.3	NA	61.1	61.0	44.7
July	48.5	47.6	64.6	55.7	55.1	42.3
August	46.9	46.9	65.3	57.8	54.9	41.0
September	51.5	55.5	66.6	60.3	58.1	45.9
October	52.6	53.6	66.9	64.5	58.5	45.5
November	48.7	53.6	64.4	59.5	56.0	41.1
December	44.5	49.3	NA	55.9	52.6	37.8
1998 Average	52.5	53.8	70.2	60.4	60.0	45.2

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	
Maine						
January	65.4	70.2	77.4	NA	72.8	55.1
February	62.0	64.6	73.9	NA	69.7	53.1
March	57.5	61.4	69.7	NA	65.5	50.8
April	57.7	59.9	68.7	NA	64.7	50.4
May	58.1	59.2	69.0	NA	64.7	48.9
June	56.1	55.8	65.2	NA	61.3	44.7
July	57.1	52.8	64.9	59.1	61.5	45.1
August	56.7	53.9	63.2	57.3	60.3	43.2
September	58.9	55.3	63.9	61.1	61.6	48.5
October	58.1	58.3	65.3	60.1	62.3	47.7
November	56.7	54.7	65.2	59.3	61.8	46.1
December	51.6	NA	64.5	55.3	59.4	41.6
1998 Average	57.9	58.3	67.5	NA	63.6	47.7
Massachusetts						
January	62.7	94.7	79.3	55.2	69.2	52.2
February	60.0	92.0	76.9	54.9	66.6	52.4
March	58.0	85.1	73.1	53.0	63.6	50.2
April	56.3	81.4	72.2	55.8	62.7	49.5
May	55.9	79.1	71.9	55.1	62.1	48.2
June	53.2	75.0	70.8	51.3	59.9	47.1
July	52.2	71.4	70.1	49.7	58.5	43.8
August	51.0	74.1	69.2	47.1	57.7	41.2
September	53.4	78.4	69.3	51.1	60.4	45.7
October	52.3	NA	70.2	50.7	60.1	46.4
November	51.4	NA	68.7	49.7	58.6	43.0
December	49.8	77.5	66.7	NA	56.9	38.9
1998 Average	54.8	79.6	71.4	51.5	61.3	46.7
New Hampshire						
January	62.8	76.7	75.2	67.4	71.0	54.3
February	59.5	74.2	73.8	63.5	68.4	50.4
March	55.7	74.9	69.8	NA	64.8	50.5
April	54.8	76.9	69.5	NA	64.6	50.7
May	54.9	73.1	67.5	NA	63.1	49.0
June	51.4	67.4	66.8	70.2	60.1	44.4
July	50.7	64.7	65.5	65.3	59.4	44.0
August	49.4	62.2	64.0	63.0	58.2	40.0
September	52.9	62.7	64.7	61.9	60.1	46.8
October	53.1	65.8	65.7	62.1	60.1	45.5
November	51.8	66.2	65.4	56.6	59.4	45.2
December	48.6	61.1	65.7	49.8	57.6	40.9
1998 Average	53.3	68.4	67.7	63.2	61.9	46.2
Rhode Island						
January	63.2	59.4	75.6	NA	63.8	51.9
February	60.9	NA	72.8	62.4	61.8	51.0
March	57.0	NA	70.7	NA	58.1	47.8
April	58.0	NA	69.1	60.1	58.9	48.4
May	57.7	NA	70.6	61.2	59.0	47.5
June	55.6	50.5	70.5	58.6	56.7	44.4
July	53.1	NA	70.2	NA	54.4	42.8
August	51.7	NA	65.6	NA	52.8	38.8
September	54.3	NA	63.6	NA	55.3	46.3
October	53.8	NA	66.0	NA	55.9	45.7
November	53.5	NA	66.2	NA	55.6	42.5
December	48.7	NA	64.3	NA	50.6	38.2
1998 Average	55.6	NA	68.6	60.2	56.8	45.2

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	
Vermont						
January	66.2	78.0	77.4	75.2	70.1	58.6
February	63.6	75.0	76.1	71.9	67.8	55.8
March	61.2	70.9	73.3	NA	65.0	54.4
April	61.9	68.2	71.8	69.3	65.4	53.7
May	60.4	67.3	71.2	68.3	64.4	52.8
June	55.6	64.0	70.5	66.7	60.4	49.3
July	56.5	59.5	70.4	65.2	60.4	47.6
August	55.8	NA	69.4	63.3	59.7	45.9
September	58.4	64.3	67.6	63.4	61.3	52.0
October	58.9	65.2	68.2	64.5	61.9	50.3
November	56.8	NA	68.0	61.2	60.7	46.9
December	55.8	NA	66.8	58.3	59.5	45.4
1998 Average	59.1	68.6	70.7	66.1	62.9	50.9
Subdistrict IB						
January	59.7	65.4	69.0	68.9	63.7	51.6
February	57.6	63.6	65.5	66.2	61.2	49.3
March	55.1	60.9	63.5	65.5	58.9	47.4
April	55.7	62.8	63.3	65.5	59.4	48.4
May	54.8	60.5	63.0	63.2	58.4	47.4
June	52.5	57.1	60.8	60.1	56.0	44.0
July	50.5	56.7	58.6	58.8	54.0	42.0
August	48.8	53.5	56.8	58.1	52.3	40.1
September	52.5	57.7	58.4	61.4	55.4	44.5
October	52.3	58.0	59.2	60.6	55.5	45.2
November	49.9	55.0	57.2	56.1	53.0	40.3
December	46.3	53.5	54.1	53.0	50.0	36.7
1998 Average	52.9	58.5	60.7	61.5	56.4	44.5
Delaware						
January	NA	69.1	71.0	63.1	66.7	51.6
February	60.4	67.2	67.5	62.0	63.4	49.0
March	58.1	63.6	64.5	59.2	60.7	47.0
April	NA	66.5	63.5	58.9	60.0	47.3
May	56.4	63.6	63.1	56.4	59.0	46.3
June	52.8	60.7	61.2	54.7	56.3	43.3
July	NA	57.9	58.8	53.8	54.9	40.9
August	NA	59.6	57.2	51.3	53.9	39.5
September	53.4	64.8	57.8	54.8	56.3	45.1
October	54.0	63.5	59.6	55.1	57.0	44.6
November	50.5	59.7	58.4	52.3	54.1	40.2
December	47.1	NA	54.8	48.1	50.7	36.2
1998 Average	54.5	62.8	61.2	55.4	57.5	44.1
District of Columbia						
January	54.3	—	W	W	57.4	54.5
February	50.1	—	W	W	53.8	53.5
March	NA	—	W	W	NA	50.5
April	50.2	—	W	W	53.2	53.6
May	48.0	—	W	W	51.4	52.0
June	48.4	—	W	W	51.9	47.5
July	47.2	—	W	W	50.8	48.1
August	45.9	—	W	W	49.5	NA
September	48.2	—	W	W	51.0	46.2
October	48.7	—	W	W	52.0	48.3
November	45.7	—	W	W	48.5	48.4
December	42.4	—	W	W	45.3	44.4
1998 Average	48.2	—	W	W	51.5	49.1

See footnotes at end of table.

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

Geographic Area Month	Sales to End Users					Sales for Resale
	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets ^a	Other End Users ^b	Average	
Maryland						
January	57.9	59.0	67.9	61.9	60.1	52.2
February	57.4	58.3	64.4	61.6	59.1	49.8
March	54.6	55.7	61.1	60.5	56.3	48.0
April	57.2	58.0	62.1	63.4	58.8	49.7
May	56.3	57.1	61.3	60.8	57.8	48.7
June	53.7	55.3	60.7	59.3	55.8	46.0
July	53.1	54.2	58.3	54.6	54.5	44.6
August	51.7	53.2	56.3	53.7	53.3	42.4
September	54.5	57.8	57.7	56.7	55.8	47.3
October	54.9	58.0	59.6	58.4	56.6	47.7
November	50.9	53.8	57.1	54.1	52.8	42.3
December	46.4	51.6	54.7	47.9	48.9	37.2
1998 Average	54.1	55.9	59.9	57.7	55.8	46.3
New Jersey						
January	58.1	80.2	68.0	61.3	63.3	50.6
February	56.1	77.5	65.0	59.0	61.1	48.2
March	53.6	72.8	62.5	NA	58.3	46.3
April	54.0	75.9	62.0	NA	58.4	46.9
May	53.9	74.1	61.1	NA	57.8	45.8
June	51.7	71.3	60.0	NA	56.2	42.5
July	50.2	71.1	58.8	NA	54.6	41.3
August	48.2	69.6	57.5	52.6	53.3	38.6
September	51.4	74.2	57.8	53.8	55.6	42.5
October	50.7	NA	59.0	52.2	55.5	44.2
November	47.8	NA	57.7	48.0	52.9	38.7
December	44.8	69.0	56.1	41.9	51.3	35.8
1998 Average	51.6	73.0	60.4	53.8	56.4	43.3
New York						
January	63.0	65.9	75.9	77.9	66.3	54.4
February	60.5	62.8	73.0	73.0	63.5	52.2
March	57.1	60.6	70.3	73.1	60.7	49.5
April	57.5	59.1	69.9	71.0	60.9	49.9
May	56.4	59.1	69.3	68.5	59.6	49.3
June	53.9	55.8	67.8	64.7	56.9	46.2
July	51.6	55.1	66.8	65.2	55.0	43.5
August	49.6	51.2	65.3	64.5	52.9	41.6
September	53.7	56.6	64.7	67.1	56.7	46.5
October	53.6	56.1	64.7	66.6	56.5	46.2
November	51.6	53.7	62.7	61.6	54.2	42.5
December	47.8	NA	62.3	62.0	51.2	38.7
1998 Average	54.4	56.9	67.5	67.9	57.6	46.5
Pennsylvania						
January	57.7	61.1	67.9	70.0	62.9	51.4
February	55.5	59.4	64.1	70.0	60.2	49.5
March	54.0	57.2	62.5	67.3	58.6	47.6
April	54.3	59.2	62.2	68.1	58.9	49.0
May	53.2	56.6	62.1	65.7	58.0	47.7
June	50.7	52.0	59.4	62.4	55.3	44.3
July	48.2	51.7	56.7	59.4	53.0	41.5
August	47.3	48.8	54.7	56.3	51.3	40.6
September	50.7	52.2	57.1	60.9	54.3	45.0
October	50.9	52.8	57.8	59.7	54.6	45.2
November	48.5	50.0	55.6	58.0	52.2	40.9
December	45.3	47.8	51.5	55.1	48.8	36.6
1998 Average	51.5	53.9	59.2	62.6	55.7	44.5

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	
Subdistrict IC						
January	58.0	60.3	65.1	63.4	61.2	50.1
February	55.7	60.4	62.2	61.7	59.2	48.6
March	53.9	57.6	59.6	58.6	56.9	46.0
April	54.3	57.1	59.1	60.7	56.9	47.3
May	53.6	56.7	58.9	62.5	56.9	46.1
June	50.5	54.7	57.4	55.9	54.1	43.2
July	49.3	54.2	55.7	51.4	52.3	41.9
August	48.2	51.8	53.7	51.8	50.9	39.7
September	51.1	53.8	55.4	56.7	53.7	45.3
October	52.2	55.2	56.4	58.3	54.9	45.0
November	48.8	53.0	54.6	54.8	52.1	40.3
December	45.7	49.5	50.4	52.1	48.5	35.3
1998 Average	51.7	55.4	57.3	56.9	54.7	43.9
Virginia						
January	59.5	58.7	63.0	64.5	60.9	50.5
February	56.4	60.5	61.2	61.0	58.4	48.9
March	54.1	55.8	59.7	60.7	56.3	46.6
April	54.7	55.7	59.3	61.5	56.7	47.9
May	53.6	54.7	58.2	61.4	55.7	46.4
June	50.3	51.1	54.3	59.9	52.4	43.3
July	49.6	52.3	53.5	57.1	52.0	41.9
August	50.9	50.4	52.6	59.7	52.1	39.9
September	51.2	55.3	53.9	60.3	53.0	45.5
October	53.7	52.8	53.8	61.5	54.6	45.0
November	51.0	49.7	52.7	60.1	52.4	40.5
December	50.3	47.2	48.9	57.4	50.5	35.2
1998 Average	53.1	53.5	55.8	60.3	54.6	44.2
West Virginia						
January	55.1	58.4	74.0	63.5	62.9	51.4
February	53.4	58.3	71.5	63.5	61.2	51.6
March	51.8	57.2	70.5	60.4	60.0	49.4
April	53.1	58.9	68.6	59.8	60.2	51.2
May	56.9	57.5	67.9	58.6	61.8	51.1
June	53.1	54.3	66.5	57.8	59.5	46.6
July	53.9	52.4	65.7	55.4	58.8	46.3
August	51.2	51.0	62.3	54.7	56.2	46.8
September	55.1	NA	62.4	58.5	57.9	50.1
October	56.3	55.1	65.5	59.8	60.2	49.8
November	52.4	52.5	64.7	54.6	57.9	47.9
December	45.1	46.7	64.9	51.5	54.3	40.2
1998 Average	53.1	54.8	66.8	58.0	59.3	48.7
PAD District II						
January	53.7	61.8	63.9	67.5	60.7	49.1
February	53.7	61.2	61.8	65.4	59.5	49.6
March	52.0	59.0	60.5	65.2	58.1	47.7
April	53.7	61.4	60.9	67.0	59.8	49.5
May	53.4	59.8	60.6	66.9	59.8	48.3
June	50.1	56.2	58.0	63.7	56.4	44.7
July	49.3	55.5	56.9	61.6	55.2	43.9
August	47.5	53.2	54.9	61.1	53.6	42.3
September	51.1	56.4	57.6	63.0	56.5	46.8
October	51.6	56.7	58.1	63.9	57.2	46.5
November	48.4	54.6	55.8	60.9	54.2	42.4
December	43.7	49.1	50.9	55.1	49.1	36.3
1998 Average	50.6	57.1	58.2	63.4	56.6	45.5

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	
Illinois						
January	52.9	61.9	66.3	69.4	60.3	46.8
February	53.3	60.9	64.3	68.4	60.1	47.7
March	51.5	59.1	63.7	69.6	59.2	45.5
April	52.8	61.6	62.5	71.0	59.7	48.0
May	52.2	60.7	62.2	69.5	60.0	46.4
June	48.7	57.8	63.7	68.3	57.5	43.0
July	48.1	56.4	62.7	67.1	56.2	41.6
August	46.6	53.4	60.9	66.1	54.8	40.5
September	50.1	58.4	62.5	67.5	57.5	45.0
October	50.6	57.6	62.4	67.8	58.7	45.1
November	48.2	54.9	60.3	64.5	55.6	41.1
December	42.6	50.6	58.7	59.6	51.1	35.3
1998 Average	49.6	57.8	62.5	67.4	57.5	43.6
Indiana						
January	52.1	60.8	62.6	69.2	59.3	47.5
February	53.4	60.4	60.0	69.9	58.4	48.7
March	51.5	57.6	59.2	67.4	57.2	46.7
April	53.2	60.2	59.4	70.3	58.0	48.2
May	53.6	58.8	59.6	71.0	58.8	47.1
June	49.4	56.7	55.8	67.4	54.5	43.5
July	48.4	54.8	54.2	62.8	52.7	42.6
August	46.4	53.0	52.6	62.4	51.3	41.4
September	50.3	54.5	56.3	66.1	55.1	45.7
October	51.9	55.5	57.1	67.5	56.4	45.6
November	47.9	52.7	55.2	64.1	53.4	41.7
December	42.6	47.2	49.3	59.0	47.7	35.5
1998 Average	50.1	56.0	56.7	66.6	55.2	44.3
Michigan						
January	54.8	59.4	65.7	65.3	59.8	49.5
February	56.1	61.9	62.4	65.9	59.7	51.2
March	54.6	58.7	61.5	65.3	58.4	48.9
April	57.1	59.8	62.1	61.6	59.7	49.7
May	57.3	62.4	62.4	62.0	60.3	48.2
June	55.2	56.7	61.1	59.2	57.8	45.0
July	53.9	56.8	59.8	59.5	56.7	44.1
August	52.4	54.8	57.8	57.9	55.1	43.1
September	56.5	57.8	60.3	60.7	58.4	48.6
October	55.0	57.9	62.0	62.5	58.4	47.3
November	50.9	53.6	59.5	58.1	54.7	43.4
December	46.8	48.8	57.4	53.9	51.1	36.8
1998 Average	54.2	57.0	61.0	60.7	57.5	46.3
Minnesota						
January	63.1	67.7	73.8	72.5	70.1	51.3
February	61.5	66.7	70.0	70.4	67.7	51.9
March	59.9	NA	67.2	67.2	65.2	49.7
April	59.8	68.2	66.7	69.8	67.0	51.6
May	60.7	67.2	66.8	69.6	66.7	51.5
June	57.4	65.6	64.6	67.1	64.0	47.2
July	55.4	63.1	61.6	64.5	61.1	46.2
August	54.6	62.7	60.0	63.7	60.3	44.7
September	56.9	63.4	60.6	65.1	62.1	49.4
October	56.8	63.1	60.5	64.5	62.0	48.7
November	51.9	59.6	59.4	61.8	58.3	44.4
December	44.8	56.3	57.7	58.2	53.8	38.3
1998 Average	56.2	64.4	63.6	65.9	62.8	47.9

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	
Ohio						
January	54.0	62.3	63.6	62.1	59.0	49.6
February	54.3	61.8	62.2	62.8	58.6	50.6
March	51.8	59.3	61.0	59.4	56.5	48.6
April	53.9	61.3	62.3	63.2	58.6	50.4
May	52.8	60.0	61.5	63.4	58.0	48.6
June	49.7	55.7	58.8	59.9	54.8	45.5
July	49.0	54.9	57.5	57.8	53.8	44.5
August	46.9	52.3	55.1	56.5	51.7	42.8
September	51.3	55.9	58.1	60.2	55.4	48.0
October	51.9	57.6	59.3	62.4	56.6	48.1
November	50.4	55.8	57.2	61.2	54.7	45.6
December	45.6	50.4	50.8	52.9	48.8	38.3
1998 Average	51.0	57.2	58.8	60.1	55.5	46.7
Wisconsin						
January	56.4	NA	67.1	67.1	62.8	47.7
February	55.6	59.5	64.7	68.4	61.4	48.7
March	52.9	63.9	63.1	69.4	60.0	46.5
April	56.5	67.3	62.8	74.2	63.1	48.8
May	56.3	65.1	62.3	74.0	62.9	47.7
June	53.6	60.0	61.0	70.9	59.8	44.1
July	51.3	59.9	59.9	69.4	58.8	42.9
August	49.1	59.1	58.2	67.3	56.8	41.2
September	54.1	61.6	59.6	70.5	59.9	46.6
October	53.0	60.5	60.5	70.9	60.0	45.9
November	49.6	59.9	60.2	68.8	57.9	41.9
December	45.9	55.1	55.0	62.5	52.8	36.4
1998 Average	52.9	61.3	61.0	70.0	59.7	44.9
PAD District III						
January	54.7	58.8	62.4	61.9	59.5	49.9
February	52.1	56.3	60.2	60.2	57.3	47.2
March	49.0	54.7	57.6	58.2	54.8	44.6
April	50.3	55.1	57.7	59.2	55.8	46.5
May	49.6	54.0	58.5	59.4	55.8	45.4
June	47.0	51.6	55.7	57.1	53.3	42.2
July	46.3	50.8	54.6	56.1	52.3	40.6
August	44.6	49.4	52.5	53.3	50.1	38.3
September	47.7	52.6	53.9	56.1	52.0	42.6
October	47.5	52.0	54.6	55.5	52.2	43.4
November	44.8	48.3	52.1	51.0	49.0	39.3
December	40.1	44.0	48.9	47.2	44.9	34.1
1998 Average	47.5	52.4	55.6	56.5	53.0	42.6
PAD District IV						
January	61.3	71.0	71.5	70.8	67.8	55.7
February	59.1	65.8	65.8	69.1	64.1	54.3
March	57.7	63.4	65.9	67.7	63.2	54.4
April	61.0	63.6	66.6	69.5	65.0	57.6
May	62.3	64.8	68.8	69.4	66.5	59.1
June	58.2	61.4	64.8	66.6	62.5	52.8
July	55.7	59.7	63.1	65.3	60.9	49.3
August	57.3	61.7	63.3	65.3	61.7	50.7
September	57.2	63.3	65.0	66.0	62.6	52.5
October	57.4	63.7	66.0	67.1	63.4	54.0
November	54.2	61.0	62.6	63.2	60.2	49.3
December	45.7	54.5	55.8	57.8	53.4	41.3
1998 Average	57.5	62.7	64.8	66.6	62.6	52.5

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	
Idaho						
January	60.5	75.7	72.2	73.6	71.7	57.3
February	59.9	70.0	68.2	72.3	68.2	56.3
March	57.6	64.8	66.6	68.8	65.7	55.8
April	59.8	64.2	67.4	69.2	66.4	57.4
May	62.3	65.0	69.9	69.0	67.5	59.8
June	57.5	62.6	67.4	65.9	64.4	54.2
July	55.6	63.3	64.7	65.7	63.6	50.3
August	57.9	67.7	66.3	68.2	66.2	54.4
September	61.4	68.5	69.1	68.7	68.0	57.5
October	60.6	68.6	69.0	68.7	67.6	58.1
November	57.2	67.0	66.9	68.1	66.0	54.9
December	47.8	60.7	59.6	63.7	59.4	45.8
1998 Average	58.5	66.6	67.2	68.5	66.2	55.0
PAD District V						
January	59.5	62.1	76.2	67.8	64.7	54.5
February	57.1	58.3	70.7	62.1	61.5	50.8
March	53.1	54.5	66.3	58.9	57.4	47.6
April	57.5	59.5	69.3	60.8	61.2	53.5
May	55.8	58.1	70.6	60.5	60.2	52.3
June	51.0	54.2	66.5	59.3	56.1	47.5
July	51.6	54.4	66.7	56.8	56.4	47.7
August	52.6	55.7	67.4	58.9	57.6	48.8
September	53.5	56.0	68.4	58.4	58.1	50.3
October	53.4	55.4	67.6	56.8	57.9	49.5
November	52.9	55.2	65.5	57.7	57.4	48.8
December	48.3	49.5	62.7	53.5	53.1	41.9
1998 Average	53.8	56.2	68.0	59.1	58.4	49.4
Alaska						
January	88.1	62.1	100.2	83.7	84.2	59.3
February	84.5	56.6	96.0	78.4	81.3	54.7
March	85.7	52.5	93.1	75.7	80.9	52.8
April	82.4	56.0	90.4	72.4	77.3	49.3
May	77.2	52.3	91.1	75.8	72.7	54.9
June	76.7	NA	89.9	76.8	78.0	52.1
July	72.5	53.2	89.9	79.4	72.1	53.1
August	72.3	56.1	89.6	76.7	73.3	55.0
September	NA	NA	89.2	74.1	NA	53.6
October	77.7	54.1	91.9	74.6	73.7	53.3
November	75.2	NA	94.8	70.6	73.9	52.2
December	NA	45.8	86.9	62.5	NA	49.2
1998 Average	78.9	54.6	90.9	75.2	76.1	53.2
Oregon						
January	60.9	59.4	74.3	66.9	63.4	49.0
February	56.7	60.8	68.7	61.9	60.0	49.0
March	52.7	55.4	64.2	55.0	55.6	42.7
April	57.3	59.8	64.4	58.6	59.1	48.0
May	56.2	59.0	64.8	59.2	58.5	46.7
June	50.9	52.5	62.8	55.0	53.8	41.1
July	54.0	56.6	63.3	56.8	56.4	45.7
August	57.3	59.0	65.7	60.2	59.6	48.9
September	56.6	58.8	66.8	61.0	59.2	49.4
October	56.6	58.2	67.3	60.8	59.5	47.8
November	57.9	56.9	67.5	NA	62.0	46.3
December	50.7	50.0	66.8	59.9	55.2	41.0
1998 Average	55.6	57.3	66.3	60.3	58.5	46.3

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	
Washington						
January	54.1	61.9	77.3	74.1	62.2	49.7
February	56.7	61.3	71.4	69.5	63.7	48.1
March	50.9	57.3	68.0	67.2	58.6	44.7
April	53.6	61.5	67.9	69.3	60.9	48.4
May	53.1	60.7	70.2	69.8	60.7	47.2
June	47.6	55.5	65.0	66.9	54.3	42.6
July	50.0	57.8	66.6	68.4	56.8	45.7
August	53.3	61.8	69.3	70.2	60.4	49.7
September	53.4	60.3	70.1	68.5	60.3	48.9
October	56.1	59.6	68.1	67.9	61.9	47.7
November	58.3	59.2	67.5	61.4	62.2	47.0
December	50.8	53.0	63.7	56.8	56.4	41.3
1998 Average	52.8	59.1	68.6	67.9	59.7	46.8

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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											
January	57.3	61.4	66.0	65.3	62.6	51.3	56.6	62.7	66.3	60.3	49.1
February	55.3	59.2	63.2	63.3	60.2	49.6	55.4	61.1	63.7	58.8	47.9
March	53.0	57.1	61.1	61.7	58.1	47.2	52.8	58.3	61.6	56.2	45.1
April	54.6	58.4	61.5	63.6	59.1	49.7	54.8	59.7	63.8	58.6	46.8
May	53.8	57.9	61.7	63.8	59.0	48.8	54.4	58.2	64.1	58.5	45.5
June	50.7	54.2	59.0	60.3	56.0	45.0	50.9	56.3	60.3	55.1	42.4
July	49.8	53.8	57.9	57.9	54.9	43.8	50.0	55.5	58.2	53.7	41.6
August	48.5	53.1	56.2	57.3	53.6	42.4	49.5	53.2	58.3	52.8	40.7
September	51.6	55.9	58.2	60.1	55.9	46.6	50.8	55.8	60.5	54.8	44.0
October	51.5	56.0	58.7	60.4	56.2	46.5	52.4	55.9	61.4	56.1	44.8
November	49.0	53.2	56.6	57.1	53.8	42.7	49.2	54.0	58.2	52.7	40.6
December	44.6	49.0	52.3	51.8	49.4	36.9	45.0	49.7	54.4	48.5	35.7
1998 Average	51.5	55.7	59.3	60.1	56.5	45.7	51.8	56.7	60.8	55.5	43.7
PAD District I											
January	57.9	61.7	67.8	60.3	62.5	51.3	62.3	63.6	68.7	63.9	49.9
February	55.5	59.5	64.6	58.0	59.8	49.5	60.4	64.8	66.9	62.9	48.0
March	53.2	57.1	62.1	56.4	57.4	47.0	58.7	60.9	63.8	60.4	45.7
April	53.4	57.9	61.7	57.3	57.3	48.0	59.8	60.4	65.7	61.3	47.0
May	52.4	56.9	61.4	55.6	56.6	47.0	59.4	59.4	66.5	61.2	45.7
June	50.0	52.6	59.6	51.4	54.2	44.0	56.1	59.1	61.0	58.2	42.1
July	48.6	53.0	57.7	48.2	52.6	42.2	53.9	57.9	57.0	55.9	41.6
August	46.5	51.0	55.9	48.1	50.9	40.2	54.0	55.0	57.9	55.0	39.0
September	51.1	55.0	57.5	54.2	54.3	45.6	54.4	56.3	60.6	56.5	42.4
October	50.9	55.8	58.4	53.9	54.6	45.4	56.6	57.4	62.6	58.4	43.7
November	48.2	52.6	56.6	49.4	52.1	40.8	53.3	55.7	59.6	55.5	39.7
December	44.3	50.7	53.1	46.3	48.6	36.4	51.3	52.4	57.4	53.0	35.5
1998 Average	50.9	55.3	59.6	52.8	55.0	44.6	56.7	58.5	62.0	58.4	43.6
Subdistrict IA											
January	62.5	82.8	78.6	59.9	70.5	54.3	63.2	79.3	80.5	65.8	50.3
February	60.7	81.3	75.5	59.7	68.3	52.5	59.1	76.4	77.2	61.9	48.9
March	58.0	75.0	72.1	57.5	64.9	50.7	56.3	73.6	76.7	58.9	46.2
April	57.3	73.3	71.2	58.1	64.2	50.0	54.9	73.2	74.4	58.8	47.0
May	57.2	70.6	70.8	58.3	63.9	48.8	53.7	70.0	70.8	56.9	47.1
June	54.4	68.1	68.8	55.2	61.4	46.0	51.6	63.5	70.0	54.2	43.2
July	52.8	65.1	66.1	54.5	59.3	43.7	50.4	59.7	NA	52.4	42.3
August	51.8	66.7	65.2	53.3	58.6	41.1	49.5	61.6	68.0	51.6	41.0
September	55.0	71.4	65.8	57.5	60.9	46.5	51.3	NA	68.0	53.3	46.0
October	55.1	72.9	66.8	57.5	61.4	46.6	49.6	61.2	67.9	52.0	44.2
November	53.1	70.2	65.7	55.3	59.9	43.8	48.7	63.0	69.2	51.6	40.3
December	49.7	NA	64.6	NA	57.4	39.5	NA	62.6	67.6	NA	NA
1998 Average	55.5	71.8	69.1	56.2	62.4	46.6	52.8	66.8	71.2	55.4	45.3
Subdistrict IB											
January	59.3	66.1	69.0	64.8	63.8	51.9	61.1	64.0	73.8	63.3	49.6
February	57.0	64.0	65.5	64.0	61.1	49.8	60.0	62.8	69.3	61.7	46.9
March	54.0	61.3	63.5	63.5	58.6	47.5	58.8	59.9	68.4	60.3	45.2
April	54.5	65.0	63.3	63.7	59.0	48.5	59.7	59.1	67.5	60.9	46.7
May	53.6	61.6	63.0	60.4	58.0	47.4	58.8	58.6	65.4	60.0	45.9
June	51.1	58.5	60.8	57.8	55.7	44.3	57.0	54.1	62.3	57.4	40.4
July	49.3	58.2	58.6	55.3	53.8	42.0	53.9	53.5	62.7	55.0	42.0
August	47.1	54.9	56.8	56.1	51.9	40.3	53.8	50.1	60.3	54.0	36.9
September	51.4	59.3	58.4	61.0	55.1	45.4	56.0	54.3	61.8	56.7	37.7
October	51.0	59.5	59.2	59.1	55.1	45.3	56.8	54.4	62.6	57.3	NA
November	48.5	56.4	57.2	53.0	52.5	40.5	55.0	52.0	60.8	55.2	38.4
December	44.8	54.9	54.1	50.2	49.6	36.8	51.9	49.6	58.1	52.3	35.0
1998 Average	51.7	59.7	60.7	59.1	56.1	44.7	56.8	56.0	64.4	57.8	42.0

See footnotes at end of table.

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

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	
Subdistrict IC											
January	55.5	57.4	65.1	58.5	60.1	50.2	62.8	63.2	67.2	63.9	49.8
February	53.4	55.2	62.2	55.5	57.5	48.7	60.8	64.9	66.3	63.4	48.5
March	51.5	53.2	59.6	53.3	55.3	46.0	58.9	60.9	62.6	60.5	45.7
April	51.8	53.8	59.1	54.6	55.1	47.3	60.3	60.3	65.1	61.5	47.0
May	50.5	53.0	58.9	53.3	54.5	46.2	60.3	59.3	66.7	61.9	45.3
June	48.2	48.4	57.4	49.3	52.1	43.3	56.2	59.9	60.6	58.8	42.6
July	47.2	48.9	55.7	46.0	50.6	42.0	54.4	58.6	55.9	56.4	41.4
August	45.0	46.8	53.7	45.9	48.9	39.8	54.6	55.7	57.3	55.6	39.3
September	50.0	50.3	55.4	51.2	52.5	45.5	53.6	56.7	60.2	56.6	44.4
October	49.9	51.7	56.4	51.8	53.0	45.2	57.4	57.8	62.5	59.1	43.8
November	47.0	48.4	54.6	47.3	50.4	40.3	52.9	56.1	59.3	55.8	40.3
December	42.9	44.6	50.4	44.0	46.3	35.3	51.4	52.6	57.2	53.3	35.2
1998 Average	49.3	51.1	57.3	50.3	52.9	44.0	57.0	58.7	61.4	58.8	43.7
PAD District II											
January	54.0	59.5	63.9	68.3	61.3	49.0	53.0	63.2	66.2	58.6	49.8
February	54.3	59.9	61.8	66.6	60.1	49.5	52.4	62.2	63.3	57.3	50.2
March	52.3	57.9	60.5	65.9	58.6	47.6	51.1	59.7	64.0	56.3	47.9
April	53.7	59.1	60.9	67.3	59.7	49.4	53.6	63.2	66.5	60.0	49.6
May	53.1	59.0	60.6	67.4	59.7	48.3	54.0	60.4	66.0	60.2	48.4
June	50.1	55.9	58.0	64.5	56.7	44.7	50.2	56.5	62.2	55.6	44.9
July	49.1	53.9	56.9	62.1	55.2	43.9	49.8	56.8	60.8	55.1	43.5
August	47.6	52.2	54.9	61.2	53.7	42.3	47.3	54.0	60.9	53.2	41.6
September	51.4	55.3	57.6	62.9	56.5	46.9	50.6	57.2	63.1	56.5	46.6
October	51.6	55.4	58.1	63.7	57.0	46.5	51.6	57.5	64.1	57.8	46.5
November	48.7	53.2	55.8	61.0	54.4	42.4	47.7	55.7	60.7	53.2	42.6
December	43.5	47.6	50.9	54.9	49.2	36.2	44.4	50.4	55.5	49.0	36.9
1998 Average	50.7	55.6	58.2	63.7	56.7	45.5	50.4	58.1	62.9	56.1	45.6
PAD District III											
January	55.5	58.6	62.4	61.3	60.3	50.8	53.6	59.0	62.9	57.3	47.5
February	53.5	56.1	60.2	59.8	58.3	47.7	50.4	56.4	60.9	54.6	46.0
March	51.9	55.2	57.6	58.7	56.4	45.0	46.2	54.1	57.2	50.6	43.4
April	52.3	55.4	57.7	59.3	56.7	47.2	47.7	54.6	59.2	53.4	44.5
May	52.2	54.5	58.5	59.2	56.9	46.3	46.4	53.4	59.7	53.0	43.2
June	49.1	52.0	55.7	56.9	54.1	42.9	43.9	50.9	57.3	51.2	40.6
July	48.9	51.0	54.6	56.2	53.5	41.2	43.8	50.5	55.8	49.3	39.0
August	47.4	50.4	52.5	53.5	51.4	38.6	41.7	47.6	53.1	46.5	37.4
September	50.0	53.5	53.9	56.5	53.1	43.2	43.8	51.3	55.5	48.7	40.4
October	49.3	53.2	54.6	55.7	53.3	43.7	44.9	50.3	55.3	49.3	42.0
November	45.3	49.0	52.1	51.5	50.2	39.9	44.2	47.4	50.1	46.1	37.4
December	42.3	44.3	48.9	47.7	46.5	34.5	37.3	43.7	46.0	40.3	33.0
1998 Average	49.6	52.8	55.6	56.6	54.1	43.1	45.0	51.8	56.5	50.0	41.2
PAD District IV											
January	65.2	70.3	71.5	73.4	69.9	55.8	56.6	72.6	67.6	61.8	55.1
February	NA	66.1	65.8	70.4	65.9	54.3	54.1	64.9	66.7	58.2	54.2
March	60.2	63.3	65.9	68.0	64.5	54.4	54.3	64.0	66.5	57.5	53.9
April	62.5	63.7	66.6	69.9	65.8	57.8	58.2	62.9	68.2	61.2	55.7
May	64.2	65.0	68.8	69.0	67.4	59.1	59.9	64.3	70.8	62.8	58.3
June	59.7	61.6	64.8	66.6	63.5	52.8	56.2	60.6	66.6	58.5	52.7
July	57.8	60.8	63.1	66.1	62.2	49.5	53.3	55.7	62.7	55.3	48.1
August	58.0	62.4	63.3	65.5	62.4	50.6	56.3	58.2	64.8	58.5	50.8
September	59.1	63.3	65.0	66.0	63.6	52.2	54.5	63.2	66.1	58.3	55.4
October	59.2	63.5	66.0	66.5	64.4	53.8	55.3	64.5	68.7	59.1	56.4
November	56.1	60.8	62.6	62.5	61.2	49.4	52.1	61.8	66.4	55.3	NA
December	48.0	54.6	55.8	57.1	54.7	41.4	43.5	54.3	60.2	48.3	41.1
1998 Average	59.9	62.7	64.8	66.7	63.8	52.5	54.5	62.4	66.4	58.0	52.0

See footnotes at end of table.

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

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	
PAD District V											
January	61.3	61.4	76.2	67.9	66.4	55.1	55.8	63.4	67.8	60.2	50.9
February	56.1	59.0	70.7	63.6	61.8	51.0	NA	57.3	61.1	60.4	49.0
March	52.9	55.6	66.3	58.8	58.1	48.0	53.6	53.0	59.0	55.5	44.8
April	59.0	61.1	69.3	63.4	62.9	54.4	53.2	57.0	58.6	55.9	48.2
May	57.4	59.5	70.6	62.1	62.1	53.3	51.8	56.1	59.2	54.6	46.4
June	52.7	54.4	66.5	58.1	57.8	48.0	46.6	53.9	60.3	50.9	44.2
July	52.5	54.6	66.7	56.3	57.9	47.9	49.3	54.2	57.2	52.2	46.6
August	52.8	56.5	67.4	58.3	58.7	48.7	51.8	54.6	59.4	54.4	49.7
September	53.1	56.3	68.4	58.8	59.0	50.3	54.4	55.4	58.2	55.7	49.9
October	52.6	56.2	67.6	57.5	58.3	49.7	56.8	54.3	56.2	56.5	48.3
November	52.7	55.4	65.5	59.0	57.7	49.0	54.3	54.9	56.7	56.0	47.4
December	48.6	49.8	62.7	52.7	53.7	41.9	47.0	49.1	54.2	50.6	41.9
1998 Average	54.2	56.8	68.0	59.4	59.4	49.7	52.7	55.3	58.8	55.2	47.3

NA = Not available.

^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.

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						
January	43.9	36.4	33.3	29.9	36.4	32.4
February	39.8	32.5	31.0	27.4	33.7	29.3
March	36.8	30.7	26.7	24.4	29.8	27.2
April	36.4	33.4	31.1	28.9	32.6	30.6
May	36.4	32.1	31.1	28.5	32.5	29.7
June	36.4	29.7	29.9	27.3	31.7	28.1
July	34.8	30.8	30.2	28.9	31.6	29.7
August	32.5	27.6	27.8	26.5	29.1	27.0
September	31.9	29.8	26.4	27.0	27.7	27.9
October	33.4	31.4	28.8	27.1	30.1	28.5
November	34.2	28.3	28.9	25.2	30.6	26.4
December	31.2	25.5	25.1	22.5	27.3	23.8
1998 Average	35.6	30.5	29.2	27.1	31.1	28.4
PAD District I						
January	43.2	37.7	34.7	33.1	38.3	35.9
February	39.7	35.5	33.0	32.5	36.1	34.7
March	36.8	33.5	29.5	28.4	32.8	32.0
April	35.9	34.8	33.0	32.2	34.1	33.8
May	35.9	34.8	32.9	32.6	34.2	33.7
June	35.5	33.0	30.9	29.9	32.7	31.6
July	34.4	32.9	31.2	30.4	32.6	31.7
August	32.0	28.9	29.0	28.7	30.1	28.8
September	31.2	30.5	27.3	29.4	28.7	29.8
October	33.0	31.8	29.3	28.0	30.8	29.9
November	33.2	29.3	29.1	28.0	30.9	28.9
December	30.3	26.2	25.1	25.7	27.5	26.0
1998 Average	35.1	32.3	30.3	29.7	32.3	31.2
Subdistrict IA						
January	40.1	38.8	36.7	31.3	38.7	33.1
February	38.0	39.8	34.8	28.9	36.6	34.9
March	35.1	39.5	32.7	W	34.2	32.5
April	34.4	NA	34.4	W	34.4	33.6
May	34.6	33.6	36.1	W	35.1	32.7
June	34.3	35.6	33.7	W	34.0	33.2
July	33.8	32.1	33.7	W	33.7	31.6
August	31.2	28.8	31.6	W	31.3	31.2
September	28.3	30.2	30.5	NA	29.1	NA
October	29.4	28.2	30.6	W	29.9	27.8
November	31.2	27.4	30.4	25.3	30.8	26.2
December	27.6	24.1	25.1	23.8	26.4	24.0
1998 Average	33.4	31.0	32.3	30.2	32.9	30.5
Connecticut						
January	41.4	W	W	—	35.8	W
February	38.9	W	W	—	34.1	W
March	NA	W	W	W	32.2	NA
April	42.6	W	W	W	35.2	W
May	42.1	W	W	—	34.2	W
June	41.9	W	W	—	33.2	W
July	45.5	W	—	—	NA	W
August	42.7	—	W	—	28.2	—
September	40.7	—	—	W	NA	W
October	39.4	—	—	—	39.4	—
November	38.0	—	—	W	38.0	W
December	37.4	W	—	—	37.4	W
1998 Average	40.3	W	W	W	34.7	33.9

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Maine						
January	45.2	W	40.3	W	43.1	35.5
February	37.7	33.6	37.9	28.5	37.8	32.0
March	34.9	W	35.7	W	35.2	35.8
April	W	W	32.4	W	34.1	W
May	W	W	35.8	W	36.3	33.4
June	34.5	W	33.4	W	33.9	W
July	W	W	32.8	W	33.9	W
August	W	W	31.5	W	31.8	W
September	W	W	29.7	W	30.4	W
October	W	W	29.4	W	29.5	W
November	W	W	30.8	W	31.9	W
December	W	W	29.4	W	28.8	W
1998 Average	35.3	32.7	33.2	28.3	34.1	30.7
Massachusetts						
January	37.4	38.9	40.2	31.2	37.9	32.3
February	36.9	W	32.6	29.0	35.6	32.1
March	34.2	36.2	32.1	28.2	33.9	31.2
April	32.0	33.2	35.9	W	33.9	33.3
May	34.7	W	38.5	W	35.5	32.2
June	33.8	35.8	37.3	W	34.3	32.9
July	33.1	31.9	34.1	W	33.4	31.6
August	31.8	W	34.5	W	32.2	30.9
September	W	31.0	30.5	W	27.6	NA
October	W	W	NA	W	29.8	27.8
November	28.9	27.0	30.0	W	29.3	26.1
December	25.8	W	23.3	24.6	24.5	24.3
1998 Average	32.0	29.8	31.0	30.5	31.7	30.3
New Hampshire						
January	39.4	W	NA	W	NA	W
February	NA	—	NA	—	NA	—
March	42.8	—	34.3	W	34.6	W
April	41.6	—	38.8	—	39.0	—
May	W	W	36.4	—	NA	W
June	39.9	—	33.2	—	33.3	—
July	W	W	35.0	—	34.0	W
August	W	W	32.8	—	26.8	W
September	W	W	32.7	—	33.0	W
October	W	—	NA	—	NA	—
November	W	—	29.1	W	31.2	W
December	W	W	NA	W	NA	W
1998 Average	31.5	W	33.3	W	32.7	26.5
Rhode Island						
January	46.7	W	W	—	46.8	W
February	46.6	W	W	—	46.5	W
March	39.8	W	W	—	40.9	W
April	36.3	W	W	—	36.2	W
May	37.0	W	W	—	36.6	W
June	W	W	W	—	36.7	W
July	W	W	W	—	35.9	W
August	W	W	W	—	33.9	W
September	W	W	W	—	34.0	W
October	37.3	W	W	—	35.7	W
November	38.6	W	W	W	37.4	W
December	38.8	W	W	—	38.1	W
1998 Average	40.3	W	W	W	39.4	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
Vermont						
January	W	—	40.2	—	40.6	—
February	W	—	40.4	—	40.5	—
March	W	—	35.0	—	35.5	—
April	W	—	35.4	—	35.9	—
May	W	—	36.2	—	36.4	—
June	W	—	33.4	—	34.1	—
July	W	—	35.2	—	NA	—
August	—	—	31.0	—	31.0	—
September	W	—	30.0	—	30.3	—
October	W	—	33.1	—	34.2	—
November	W	—	W	—	33.8	—
December	W	—	W	—	31.6	—
1998 Average	42.2	—	34.6	—	35.4	—
Subdistrict IB						
January	46.7	37.7	33.0	33.9	39.5	36.7
February	41.9	34.9	30.7	34.9	37.1	34.9
March	38.0	33.6	27.4	29.8	33.1	33.0
April	38.8	35.3	31.1	32.7	34.6	34.9
May	37.7	35.2	31.5	32.0	34.2	34.4
June	35.9	32.6	29.7	28.9	32.8	31.1
July	35.6	31.9	29.7	29.8	32.4	31.1
August	32.0	27.7	27.4	23.2	29.5	26.8
September	32.7	30.9	25.0	NA	28.3	30.4
October	34.6	32.8	27.1	27.3	31.3	30.4
November	34.0	29.5	28.1	27.4	31.5	29.1
December	31.8	27.1	24.0	25.3	28.5	26.6
1998 Average	36.3	32.7	28.6	29.4	32.5	31.8
Delaware						
January	W	W	30.7	NA	32.1	NA
February	35.1	W	30.2	W	32.1	W
March	34.0	W	24.7	W	26.6	W
April	38.7	W	33.8	W	35.3	W
May	36.8	W	32.7	W	34.8	W
June	35.3	W	30.3	W	33.9	W
July	35.0	W	28.1	W	33.4	W
August	31.5	W	30.1	W	30.6	W
September	33.8	W	28.7	W	29.1	W
October	33.8	W	26.4	23.6	30.9	23.8
November	W	—	26.5	W	28.9	W
December	25.5	W	23.7	W	25.0	W
1998 Average	32.2	W	28.6	26.7	30.5	27.5
District of Columbia						
January	W	—	—	—	W	—
February	W	—	—	—	W	—
March	W	—	—	—	W	—
April	W	—	—	—	W	—
May	W	—	—	—	W	—
June	W	—	—	—	W	—
July	W	—	—	—	W	—
August	W	—	—	—	W	—
September	W	—	—	—	W	—
October	W	—	—	—	W	—
November	W	—	—	—	W	—
December	W	—	—	—	W	—
1998 Average	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
Maryland						
January	W	W	38.0	W	38.3	34.3
February	W	W	33.4	NA	32.7	W
March	W	W	31.7	W	W	W
April	W	W	33.3	32.3	33.9	W
May	W	W	32.8	W	33.5	31.7
June	W	W	34.0	W	33.3	W
July	W	W	33.4	W	32.9	W
August	W	W	29.9	W	28.1	24.4
September	W	W	26.6	W	28.1	W
October	31.2	W	30.0	W	30.6	W
November	30.8	W	29.8	W	30.6	28.7
December	W	W	26.5	W	28.9	W
1998 Average	31.3	W	31.1	W	31.2	29.0
New Jersey						
January	W	36.9	32.6	34.1	35.0	36.0
February	37.6	35.6	29.9	31.1	33.5	34.2
March	33.1	32.7	26.6	29.8	29.5	32.0
April	35.4	37.5	30.2	30.0	32.5	33.2
May	W	W	33.4	W	34.3	33.6
June	34.0	W	28.5	W	30.9	W
July	34.0	31.8	30.2	32.3	32.4	32.0
August	29.5	26.0	25.0	W	27.7	NA
September	29.4	30.2	24.6	W	27.1	30.1
October	31.4	W	25.1	26.2	28.8	29.3
November	29.4	32.0	29.0	24.5	29.3	28.2
December	27.9	25.1	22.6	20.6	25.8	22.6
1998 Average	32.0	33.6	27.9	28.9	30.0	31.6
New York						
January	48.0	39.7	33.2	W	41.9	39.0
February	43.5	37.1	31.3	41.7	39.5	37.5
March	41.1	34.3	28.1	NA	36.3	34.1
April	41.1	35.5	31.4	34.1	36.3	35.4
May	38.8	36.8	31.0	34.4	34.7	36.7
June	37.3	33.5	30.3	28.7	34.0	31.8
July	36.6	32.4	29.7	W	32.6	31.9
August	32.6	29.5	26.4	24.0	29.2	29.3
September	34.7	31.2	24.6	W	28.5	31.1
October	36.3	33.0	27.7	NA	33.1	32.7
November	37.8	30.2	28.1	29.3	33.2	30.1
December	35.7	27.6	24.6	W	31.0	27.4
1998 Average	39.2	33.4	28.7	31.5	34.3	33.2
Pennsylvania						
January	47.1	34.4	32.8	W	37.1	34.1
February	36.8	W	29.6	W	31.4	W
March	37.8	30.9	27.7	W	30.2	30.4
April	39.0	34.3	30.5	W	32.4	34.2
May	38.1	33.8	30.5	W	32.1	33.8
June	36.6	W	29.5	31.1	32.1	32.0
July	37.2	W	29.4	28.9	31.5	30.2
August	35.4	27.6	28.7	22.0	30.7	26.5
September	36.0	W	24.6	W	29.2	W
October	36.6	W	26.6	28.4	28.9	29.5
November	W	28.0	27.7	W	29.4	27.7
December	NA	25.4	24.0	W	27.0	26.4
1998 Average	36.0	30.9	28.6	29.7	30.9	30.6

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Subdistrict IC						
January	38.8	W	35.3	35.8	35.8	35.0
February	34.4	W	33.8	32.7	33.8	33.9
March	35.5	W	30.3	27.1	30.8	27.8
April	32.4	W	33.9	30.9	33.5	32.3
May	32.2	W	33.4	33.1	33.2	33.6
June	NA	W	30.8	30.1	31.4	31.7
July	32.5	34.7	32.1	30.2	32.2	32.6
August	33.8	30.3	30.4	26.3	30.8	28.9
September	32.8	W	28.9	25.9	29.1	27.6
October	32.9	W	30.3	W	30.7	W
November	35.8	W	29.3	W	29.8	30.5
December	38.8	W	26.5	27.5	26.9	27.2
1998 Average	33.8	32.0	31.2	29.5	31.6	30.7
Florida						
January	W	—	34.0	W	34.4	W
February	W	—	33.6	W	33.2	W
March	W	W	29.4	26.9	29.6	28.0
April	32.1	W	33.6	30.5	33.0	32.4
May	W	W	33.4	34.0	32.6	34.1
June	W	W	29.5	W	30.3	32.2
July	31.9	W	31.8	W	31.8	33.0
August	—	W	30.8	W	30.8	29.4
September	W	W	28.3	W	28.4	W
October	W	W	29.9	W	30.2	W
November	W	W	28.2	W	28.7	W
December	W	W	25.3	26.3	25.5	26.1
1998 Average	32.7	32.1	30.5	29.7	30.9	31.0
Georgia						
January	—	—	40.1	NA	40.1	NA
February	—	—	34.9	NA	34.9	NA
March	—	—	33.0	NA	33.0	NA
April	—	—	34.4	NA	34.4	NA
May	—	—	34.6	NA	34.6	NA
June	—	—	33.6	W	33.6	W
July	—	—	32.4	—	32.4	—
August	—	—	32.6	W	32.6	W
September	—	—	31.4	W	31.4	W
October	—	—	32.3	W	32.3	W
November	—	—	33.0	W	33.0	W
December	—	—	29.4	—	29.4	—
1998 Average	—	—	33.7	26.4	33.7	26.4
North Carolina						
January	W	—	36.0	37.6	37.0	37.6
February	W	W	33.0	33.0	33.8	35.4
March	W	W	30.7	30.6	31.5	27.5
April	W	—	34.9	W	35.4	W
May	W	—	33.0	31.5	33.5	31.5
June	W	—	32.1	30.5	32.7	30.5
July	W	—	32.5	30.8	33.0	30.8
August	W	—	28.4	27.5	29.0	27.5
September	W	—	29.7	W	30.2	W
October	W	—	31.3	29.3	31.9	29.3
November	W	—	30.4	28.8	31.0	28.8
December	W	—	27.7	26.7	28.6	26.7
1998 Average	W	W	31.8	30.7	32.4	30.3

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
South Carolina						
January	W	—	W	W	W	W
February	W	W	W	W	W	W
March	W	—	W	W	W	W
April	W	—	W	W	W	W
May	W	—	W	—	W	—
June	—	—	W	W	W	W
July	W	—	W	—	W	—
August	W	—	W	W	W	W
September	W	—	W	W	W	W
October	W	—	W	—	W	—
November	W	—	W	W	W	W
December	W	—	W	W	W	W
1998 Average	W	W	W	W	W	30.2
Virginia						
January	42.6	W	35.0	W	35.6	W
February	41.2	W	33.7	W	34.7	W
March	40.4	W	29.8	W	31.1	W
April	NA	W	32.8	W	32.4	W
May	41.3	W	31.5	W	32.6	W
June	36.1	W	31.6	W	33.4	W
July	38.2	W	30.7	W	31.8	W
August	33.4	W	27.7	W	30.6	W
September	30.6	W	27.5	W	28.6	W
October	31.5	W	29.5	W	30.9	W
November	W	W	30.0	W	31.1	W
December	38.8	W	26.4	W	27.8	W
1998 Average	33.9	W	30.5	W	31.6	W
West Virginia						
January	W	—	W	—	W	—
February	W	—	—	—	W	—
March	W	—	W	—	W	—
April	W	—	—	—	W	—
May	W	W	—	—	W	W
June	W	W	—	—	W	W
July	W	—	—	—	W	—
August	W	W	—	—	W	W
September	W	—	—	—	W	—
October	W	W	—	—	W	W
November	W	W	—	—	W	W
December	W	W	—	—	W	W
1998 Average	W	W	W	—	W	W
PAD District II						
January	39.6	NA	39.6	33.4	39.6	36.1
February	35.9	W	38.2	29.1	37.1	29.1
March	37.5	25.9	35.6	27.2	36.8	27.0
April	NA	NA	34.3	27.2	41.5	33.6
May	36.8	29.1	35.4	30.9	36.2	30.6
June	40.4	NA	36.4	29.4	39.2	31.1
July	37.8	W	34.5	30.9	36.4	30.6
August	37.2	29.7	35.9	28.8	36.7	29.0
September	36.9	32.0	36.1	31.7	36.5	31.7
October	38.8	34.8	34.9	32.8	36.6	33.1
November	40.5	NA	34.5	27.3	37.6	30.1
December	36.8	NA	33.3	25.5	35.1	27.2
1998 Average	39.1	35.6	35.6	29.4	37.6	30.7

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
Illinois						
January	W	W	W	W	51.2	NA
February	W	W	W	W	45.0	27.8
March	W	W	W	W	NA	NA
April	W	W	W	—	39.6	W
May	35.9	—	W	W	36.2	W
June	W	—	W	W	40.2	W
July	W	W	W	NA	W	W
August	W	W	W	NA	W	NA
September	39.7	W	W	NA	40.0	W
October	W	—	W	W	39.0	W
November	W	W	W	NA	41.1	29.7
December	W	W	W	—	38.8	W
1998 Average	38.4	W	44.1	25.0	38.8	25.9
Indiana						
January	W	W	39.5	W	39.6	W
February	W	W	38.0	W	38.9	W
March	W	W	36.8	W	37.1	W
April	W	W	34.4	W	34.5	W
May	W	W	35.4	W	35.7	W
June	W	W	37.0	W	37.2	W
July	W	W	34.4	W	34.5	W
August	W	W	34.8	W	35.0	W
September	W	W	35.0	W	35.1	W
October	41.2	W	32.7	W	32.9	W
November	W	W	33.0	W	33.4	W
December	W	W	34.9	W	35.0	W
1998 Average	W	W	35.1	W	35.3	W
Iowa						
January	—	—	—	—	—	—
February	—	—	—	—	—	—
March	—	—	—	—	—	—
April	W	—	—	—	W	—
May	W	—	—	—	W	—
June	W	—	—	—	W	—
July	W	—	—	W	W	W
August	W	—	—	—	W	—
September	W	—	—	—	W	—
October	W	—	—	—	W	—
November	W	—	—	—	W	—
December	W	—	—	—	W	—
1998 Average	W	—	—	W	W	W
Kansas						
January	W	—	W	W	W	W
February	—	—	W	W	W	W
March	—	—	W	W	W	W
April	—	—	43.2	W	43.2	W
May	—	—	W	W	W	W
June	—	—	W	24.8	W	24.8
July	—	—	34.7	22.5	34.7	22.5
August	—	—	W	18.6	W	18.6
September	W	—	39.8	19.3	39.8	19.3
October	—	—	40.3	W	40.3	W
November	—	—	38.6	W	38.6	W
December	W	—	W	W	34.5	W
1998 Average	W	—	40.6	23.3	40.2	23.3

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
Kentucky						
January	W	—	W	—	W	—
February	W	—	W	—	W	—
March	W	—	W	—	W	—
April	W	—	W	—	W	—
May	W	—	—	W	W	W
June	W	—	—	W	W	W
July	W	—	—	W	W	W
August	W	—	—	W	W	W
September	W	—	—	W	W	W
October	W	—	—	W	W	W
November	W	—	—	W	W	W
December	W	—	—	W	W	W
1998 Average	W	—	W	W	W	W
Michigan						
January	39.3	W	45.5	W	41.6	39.6
February	35.5	W	40.0	W	37.3	W
March	39.0	W	43.4	W	39.2	25.1
April	NA	W	36.9	W	NA	NA
May	38.8	—	40.6	W	39.1	W
June	41.4	W	41.8	W	41.4	34.4
July	39.7	W	40.2	22.5	39.7	NA
August	36.7	W	41.0	W	37.3	W
September	37.5	W	35.8	W	36.9	W
October	40.5	—	39.9	W	40.4	W
November	42.3	W	41.2	W	42.2	32.6
December	40.5	W	39.1	W	40.2	NA
1998 Average	41.3	W	40.0	22.5	41.1	32.8
Minnesota						
January	—	—	W	W	W	W
February	—	—	W	W	W	W
March	—	—	W	W	W	W
April	—	—	W	W	W	W
May	—	W	W	NA	W	W
June	—	—	—	W	—	W
July	—	—	W	W	W	W
August	—	—	W	W	W	W
September	W	—	W	NA	W	NA
October	W	—	W	NA	31.9	NA
November	—	—	W	W	W	W
December	—	—	W	W	W	W
1998 Average	W	W	28.7	W	28.7	W
Missouri						
January	W	W	W	—	W	W
February	W	W	W	—	W	W
March	W	W	—	—	W	W
April	29.7	W	—	—	29.7	W
May	28.1	W	—	—	28.1	W
June	27.0	W	W	—	29.3	W
July	28.5	—	—	—	28.5	—
August	28.1	W	—	—	28.1	W
September	W	—	—	—	W	—
October	W	W	—	—	W	W
November	W	—	W	—	W	—
December	W	—	—	—	W	—
1998 Average	28.6	W	W	—	28.7	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						
January	W	—	W	—	W	—
February	W	—	—	—	W	—
March	W	—	—	—	W	—
April	W	—	—	—	W	—
May	W	—	—	—	W	—
June	W	—	—	—	W	—
July	W	—	—	W	W	W
August	W	—	—	—	W	—
September	W	—	—	—	W	—
October	W	—	—	—	W	—
November	W	—	—	—	W	—
December	W	—	—	—	W	—
1998 Average	W	—	W	W	W	W
North Dakota						
January	—	—	W	—	W	—
February	—	—	W	—	W	—
March	—	—	W	—	W	—
April	—	—	W	—	W	—
May	—	—	W	—	W	—
June	—	—	W	—	W	—
July	—	—	W	—	W	—
August	—	—	W	—	W	—
September	—	—	W	—	W	—
October	—	—	W	—	W	—
November	—	—	W	—	W	—
December	—	—	W	—	W	—
1998 Average	—	—	W	—	W	—
Ohio						
January	48.5	—	W	W	45.0	W
February	51.2	—	W	W	42.1	W
March	47.5	—	30.6	28.3	NA	28.3
April	W	—	28.8	28.1	32.8	28.1
May	W	—	30.9	W	31.7	W
June	W	—	31.1	W	32.7	W
July	W	—	33.8	W	34.2	W
August	W	W	38.8	27.4	39.8	NA
September	W	W	33.9	W	37.6	27.3
October	W	W	32.9	W	36.9	28.7
November	W	—	W	W	35.1	W
December	W	W	31.0	W	35.4	27.0
1998 Average	45.5	W	32.5	28.8	34.9	29.7
Oklahoma						
January	—	—	W	W	W	W
February	—	—	W	—	W	—
March	—	—	W	—	W	—
April	—	—	W	—	W	—
May	—	—	W	—	W	—
June	—	—	W	W	W	W
July	—	—	W	—	W	—
August	—	—	W	W	W	W
September	—	—	W	—	W	—
October	—	—	W	—	W	—
November	—	—	W	W	W	W
December	—	—	W	W	W	W
1998 Average	—	—	W	W	W	W

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
South Dakota						
January	—	—	—	—	—	—
February	—	—	—	—	—	—
March	—	—	—	—	—	—
April	—	—	—	—	—	—
May	—	—	—	W	—	W
June	—	—	—	W	—	W
July	W	—	—	W	W	W
August	W	—	—	W	W	W
September	W	—	—	—	W	—
October	W	—	—	—	W	—
November	—	—	—	—	—	—
December	—	—	—	—	—	—
1998 Average	W	—	—	W	W	W
Tennessee						
January	W	W	W	29.3	W	29.6
February	W	W	W	31.6	W	29.1
March	W	—	W	W	40.8	W
April	W	—	W	W	NA	W
May	W	W	—	W	W	W
June	W	W	W	W	W	30.9
July	W	W	W	W	44.8	31.9
August	W	W	W	W	W	W
September	W	W	W	—	W	W
October	W	W	W	—	W	W
November	W	W	W	—	W	W
December	W	W	W	—	W	W
1998 Average	W	W	39.0	27.1	45.0	27.8
Wisconsin						
January	W	W	—	W	W	W
February	W	W	—	W	W	W
March	NA	W	—	W	NA	W
April	W	W	—	W	W	W
May	W	W	W	W	W	W
June	W	—	W	W	W	W
July	W	W	W	W	W	W
August	W	W	W	W	W	W
September	W	W	NA	W	W	W
October	NA	W	—	W	NA	W
November	W	W	—	W	W	W
December	W	W	—	W	W	W
1998 Average	W	W	W	W	W	W
PAD District III						
January	38.3	31.1	29.9	26.4	29.9	27.1
February	—	25.0	29.6	26.2	29.6	26.0
March	—	21.9	23.7	22.3	23.7	22.2
April	—	27.5	29.7	27.7	29.7	27.7
May	W	27.2	28.6	26.4	28.6	26.6
June	W	24.2	28.4	25.7	28.5	25.4
July	—	26.1	29.7	27.4	29.7	27.1
August	—	23.9	26.2	25.1	26.2	24.8
September	—	25.4	25.1	24.8	25.1	24.9
October	—	29.3	27.0	25.6	27.0	26.1
November	W	22.6	26.8	23.2	26.8	23.1
December	W	NA	22.7	19.2	22.7	20.5
1998 Average	42.3	25.3	27.5	25.2	27.5	25.2

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
Alabama						
January	W	W	NA	NA	NA	W
February	—	W	NA	NA	NA	W
March	—	W	NA	NA	NA	W
April	—	—	NA	W	NA	W
May	W	—	NA	W	NA	W
June	—	W	NA	W	NA	W
July	—	—	NA	NA	NA	NA
August	—	W	NA	NA	NA	W
September	—	W	NA	NA	NA	W
October	—	W	NA	W	NA	W
November	W	W	W	NA	W	W
December	W	W	NA	NA	NA	W
1998 Average	W	W	NA	W	NA	W
Arkansas						
January	—	—	NA	—	NA	—
February	—	—	NA	—	NA	—
March	—	—	W	—	W	—
April	—	—	W	—	W	—
May	—	—	W	—	W	—
June	—	—	W	—	W	—
July	—	—	W	—	W	—
August	—	—	W	—	W	—
September	—	—	W	—	W	—
October	—	—	—	—	—	—
November	—	—	—	—	—	—
December	—	—	—	—	—	—
1998 Average	—	—	W	—	W	—
Louisiana						
January	W	33.6	28.9	25.4	28.9	26.3
February	—	W	29.7	25.1	29.7	25.2
March	—	26.4	23.0	21.7	23.0	22.2
April	—	W	28.6	26.3	28.6	26.4
May	—	26.9	28.3	26.2	28.3	26.2
June	—	23.3	28.1	27.3	28.1	26.9
July	—	25.3	29.3	27.8	29.3	27.6
August	—	25.0	25.6	25.7	25.6	25.7
September	—	W	23.7	24.4	23.7	24.9
October	—	W	NA	24.5	NA	24.8
November	—	—	27.0	22.1	27.0	22.1
December	—	29.6	22.3	18.9	22.3	21.4
1998 Average	W	28.2	26.9	24.9	27.0	25.1
Mississippi						
January	—	W	W	W	W	33.2
February	—	W	W	28.7	W	28.9
March	—	W	W	W	W	24.6
April	—	W	NA	W	NA	27.4
May	—	W	W	W	W	30.4
June	—	W	NA	29.1	NA	29.0
July	—	W	NA	W	NA	W
August	—	W	NA	27.8	NA	28.4
September	—	W	W	W	W	W
October	—	W	NA	W	NA	W
November	—	W	NA	W	NA	W
December	—	W	NA	20.4	NA	20.7
1998 Average	—	W	NA	26.8	NA	27.0

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
New Mexico						
January	—	W	—	—	—	W
February	—	W	—	—	—	W
March	—	W	—	—	—	W
April	—	NA	—	—	—	NA
May	—	NA	—	—	—	NA
June	—	NA	—	—	—	NA
July	—	NA	—	—	—	NA
August	—	NA	—	—	—	NA
September	—	—	—	—	—	—
October	—	W	—	—	—	W
November	—	NA	—	—	—	NA
December	—	NA	—	—	—	NA
1998 Average	—	W	—	—	—	W
Texas						
January	W	25.4	28.6	26.5	28.6	26.4
February	—	24.0	27.9	26.7	27.9	25.9
March	—	NA	22.2	22.3	22.2	21.5
April	—	28.4	29.9	29.0	29.9	28.9
May	—	26.0	27.0	25.5	27.0	25.6
June	W	23.3	26.9	24.3	27.0	24.0
July	—	W	28.7	26.7	28.7	26.1
August	—	22.1	25.1	23.9	25.1	23.3
September	—	22.4	24.3	24.6	24.3	24.3
October	—	W	26.4	26.1	26.4	26.7
November	—	W	24.9	23.5	24.9	23.6
December	—	20.2	20.7	18.4	20.7	19.0
1998 Average	W	23.8	26.2	25.0	26.2	24.7
PAD District IV						
January	W	22.7	W	W	W	21.9
February	—	W	W	W	W	22.7
March	W	24.1	W	W	NA	21.5
April	—	25.5	25.8	19.9	25.8	22.6
May	W	W	W	21.4	25.8	22.1
June	W	W	W	W	28.5	21.4
July	W	W	W	W	29.4	NA
August	W	W	W	W	27.0	21.3
September	W	W	W	W	28.9	W
October	W	W	W	W	W	21.0
November	W	W	W	W	NA	19.6
December	NA	W	W	W	W	W
1998 Average	39.4	31.8	27.3	W	28.4	28.1
Colorado						
January	—	—	—	—	—	—
February	—	—	—	—	—	—
March	—	—	—	—	—	—
April	—	—	W	—	W	—
May	W	—	—	—	W	—
June	W	W	—	—	W	W
July	W	W	—	—	W	W
August	W	—	—	—	W	—
September	W	W	—	—	W	W
October	—	—	—	—	—	—
November	—	—	—	—	—	—
December	—	—	—	—	—	—
1998 Average	W	W	W	—	W	W

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Idaho						
January	W	—	—	—	W	—
February	—	—	—	—	—	—
March	—	—	—	—	—	—
April	—	—	—	W	—	W
May	—	—	—	—	—	—
June	—	—	—	—	—	—
July	—	—	—	—	—	—
August	—	—	—	—	—	—
September	—	—	—	—	—	—
October	—	—	—	—	—	—
November	—	—	—	—	—	—
December	—	W	—	—	—	W
1998 Average	W	W	—	W	W	W
Montana						
January	—	—	W	NA	W	NA
February	—	—	—	W	—	W
March	—	—	W	—	W	—
April	—	—	W	W	W	W
May	—	—	W	W	W	W
June	—	—	W	W	W	W
July	—	—	W	W	W	W
August	—	—	W	W	W	W
September	—	—	W	NA	W	NA
October	—	—	W	W	W	W
November	—	—	NA	NA	NA	NA
December	—	—	—	NA	—	NA
1998 Average	—	—	W	W	W	W
Utah						
January	—	NA	W	—	W	NA
February	—	W	—	W	—	42.5
March	W	W	—	W	W	25.6
April	—	W	W	—	W	W
May	NA	W	—	W	NA	W
June	W	W	W	W	W	W
July	NA	W	—	W	NA	W
August	NA	W	—	—	NA	W
September	W	W	—	—	W	W
October	W	W	—	W	W	W
November	W	—	—	W	W	W
December	NA	W	—	—	NA	W
1998 Average	W	NA	W	W	W	30.7
Wyoming						
January	—	W	—	W	—	21.3
February	—	W	W	W	W	21.3
March	—	W	W	W	W	20.6
April	—	W	W	W	W	20.2
May	—	W	W	W	W	21.4
June	—	W	W	W	W	21.0
July	—	W	W	W	W	20.6
August	—	W	W	W	W	21.2
September	—	W	W	W	W	20.7
October	—	W	—	W	—	W
November	—	W	W	W	W	W
December	—	W	W	W	W	W
1998 Average	—	W	W	W	W	20.0

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
PAD District V						
January	W	30.4	35.0	33.8	38.4	33.1
February	W	28.1	28.9	27.1	30.7	27.3
March	W	27.5	25.0	25.1	27.3	25.7
April	34.7	25.4	28.2	28.1	29.8	27.5
May	W	26.0	32.3	31.6	33.9	29.5
June	W	26.7	29.5	28.3	31.3	28.0
July	35.3	23.9	28.1	29.9	30.3	27.7
August	34.3	26.7	25.7	26.5	27.2	26.5
September	33.6	33.5	25.7	27.6	27.4	29.1
October	W	31.1	30.4	NA	31.5	30.3
November	W	28.6	31.3	29.7	33.2	29.4
December	W	NA	27.4	27.7	29.9	24.8
1998 Average	37.4	27.5	28.7	28.8	30.8	28.4
Alaska						
January	—	—	—	—	—	—
February	—	—	—	—	—	—
March	—	—	—	—	—	—
April	—	—	—	—	—	—
May	—	—	—	W	—	W
June	—	—	—	—	—	—
July	—	—	—	—	—	—
August	—	—	—	—	—	—
September	—	—	—	—	—	—
October	—	—	—	—	—	—
November	—	—	W	—	W	—
December	—	—	W	—	W	—
1998 Average	—	—	W	W	W	W
Arizona						
January	W	—	—	—	W	—
February	W	—	—	—	W	—
March	W	—	—	W	W	W
April	W	W	—	—	W	W
May	—	W	—	—	—	W
June	—	W	—	—	—	W
July	—	W	—	—	—	W
August	—	W	—	—	—	W
September	—	W	—	—	—	W
October	—	W	—	—	—	W
November	—	W	—	—	—	W
December	—	W	—	—	—	W
1998 Average	W	32.2	—	W	W	31.9
California						
January	W	29.2	34.8	33.6	34.9	32.1
February	W	26.4	27.9	27.0	27.9	26.8
March	W	26.1	24.5	26.6	24.5	26.4
April	W	24.8	27.7	29.7	27.8	27.3
May	W	25.6	32.1	31.1	32.1	27.9
June	W	26.0	28.7	28.6	28.7	27.9
July	W	23.6	29.5	31.5	29.5	26.9
August	W	26.5	25.9	28.4	25.9	27.4
September	W	33.4	25.3	30.1	25.3	31.4
October	W	31.0	30.5	31.8	30.5	31.4
November	W	27.6	30.4	30.2	30.4	29.3
December	W	NA	26.5	NA	26.5	24.1
1998 Average	W	26.8	28.3	29.7	28.3	28.6

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Hawaii						
January	W	—	42.9	W	47.6	W
February	W	—	39.3	W	40.5	W
March	W	—	35.5	W	36.4	W
April	W	—	32.4	35.9	34.2	35.9
May	W	—	35.6	W	37.9	W
June	W	—	37.5	W	39.0	W
July	W	—	33.7	W	35.0	W
August	W	—	34.7	W	34.3	W
September	W	—	31.9	W	33.2	W
October	W	—	32.1	W	34.1	W
November	W	—	35.6	W	37.3	W
December	W	—	36.2	W	37.0	W
1998 Average	37.4	—	35.8	33.5	37.1	33.5
Nevada						
January	—	W	W	—	W	W
February	—	W	W	—	W	W
March	—	W	W	—	W	W
April	—	W	W	—	W	W
May	—	W	—	—	—	W
June	—	W	—	W	—	W
July	—	W	—	—	—	W
August	—	W	—	W	—	W
September	—	W	—	—	—	W
October	—	W	—	—	—	W
November	—	W	—	—	—	W
December	—	W	—	—	—	W
1998 Average	—	W	W	W	W	W
Oregon						
January	—	W	W	W	W	W
February	—	W	32.2	NA	32.2	38.2
March	—	W	25.7	NA	25.7	34.6
April	—	—	28.3	27.5	28.3	NA
May	—	—	30.8	W	30.8	W
June	—	W	W	W	W	W
July	—	—	W	W	W	W
August	W	—	26.5	W	27.3	W
September	W	—	26.6	W	27.2	W
October	—	—	W	W	W	W
November	—	W	W	W	W	37.5
December	—	—	27.9	W	27.9	W
1998 Average	W	W	29.3	30.5	29.4	30.8
Washington						
January	W	W	32.9	33.8	33.0	34.6
February	—	W	27.2	26.7	27.2	26.7
March	W	W	23.7	23.8	23.7	23.8
April	W	W	28.0	27.3	28.1	27.4
May	—	—	32.2	32.0	32.2	32.0
June	—	W	29.2	28.1	29.2	28.1
July	W	—	25.3	28.3	25.4	28.3
August	W	—	23.8	24.4	23.9	24.4
September	—	—	24.9	23.5	24.9	23.5
October	—	—	29.9	NA	29.9	NA
November	—	W	31.3	28.0	31.3	28.6
December	—	—	26.0	W	26.0	W
1998 Average	W	W	27.5	26.8	27.5	27.0

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.

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

Volumes of Petroleum Products

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
United States												
January	39,369.5	40,816.0	42,057.4	126,970.8	38,559.5	207,587.7	9,892.3	10,063.7	W	15,155.9	W	25,989.9
February	41,671.7	43,092.9	43,590.9	131,633.0	37,204.6	212,428.5	9,734.0	9,906.3	W	15,477.1	W	26,553.3
March	42,994.4	44,454.9	44,713.5	134,676.4	34,540.7	213,930.7	10,003.6	10,175.2	W	15,957.5	W	27,114.8
April	39,096.0	40,526.3	44,740.8	137,255.0	44,013.8	226,009.6	9,168.0	9,330.7	W	15,984.2	W	27,056.0
May	39,423.8	40,815.6	45,041.3	139,119.6	41,683.6	225,844.5	9,354.8	9,511.4	W	16,114.8	W	27,319.7
June	40,214.3	41,647.2	45,681.9	145,759.2	42,768.8	234,210.0	9,611.3	9,775.4	W	16,768.9	W	28,141.8
July	44,423.5	45,927.6	45,694.6	148,221.6	40,874.5	234,790.7	10,675.0	10,847.4	W	17,356.5	W	28,729.7
August	43,983.4	45,522.9	45,148.5	144,009.4	35,984.4	225,142.3	10,598.9	10,766.6	W	16,868.5	W	28,144.8
September	42,728.6	44,248.8	44,206.8	140,317.5	33,041.8	217,566.2	10,405.2	10,584.7	W	16,380.7	W	27,361.1
October	42,552.2	44,111.3	45,145.7	140,972.3	30,541.4	216,659.4	10,609.9	10,777.5	11,290.9	16,630.7	NA	27,939.1
November	41,562.2	42,966.8	42,995.9	135,617.9	30,589.3	209,203.0	10,535.4	10,696.1	W	16,046.8	W	26,952.6
December	42,414.8	43,785.0	43,921.4	141,076.7	35,146.9	220,145.0	10,735.1	10,927.3	W	16,314.3	W	27,395.8
1998 Average	41,711.9	43,169.1	44,418.4	138,851.1	37,072.3	220,341.8	10,115.4	10,285.3	11,109.2	16,260.6	28.8	27,398.6
PAD District I												
January	9,657.1	10,202.5	15,123.5	40,018.5	7,160.2	62,302.2	2,589.8	2,676.6	4,096.4	5,988.2	—	10,084.6
February	10,073.4	10,644.4	15,698.0	41,536.1	6,510.3	63,744.4	2,696.9	2,783.7	4,178.3	6,124.5	—	10,302.8
March	10,403.5	10,958.8	15,954.5	42,392.8	4,077.7	62,425.0	2,770.3	2,856.5	4,115.2	6,256.5	—	10,371.7
April	10,429.4	10,989.6	16,113.9	43,766.1	6,026.1	65,906.1	2,816.5	2,906.5	4,169.8	6,395.1	—	10,564.9
May	10,400.2	10,935.9	16,098.4	43,573.8	7,098.8	66,770.9	2,881.7	2,967.8	4,187.8	6,486.1	—	10,673.9
June	10,592.1	11,142.1	16,429.8	44,693.2	7,733.5	68,856.5	2,943.3	3,031.2	4,288.7	6,716.9	—	11,005.6
July	10,666.3	11,210.4	16,306.3	44,797.0	9,011.4	70,114.6	2,952.3	3,035.1	4,243.1	6,937.9	—	11,181.0
August	10,582.3	11,071.0	16,029.8	44,599.7	7,779.2	68,408.8	2,920.5	2,999.2	4,170.2	6,743.6	—	10,913.8
September	10,048.9	10,543.5	15,775.6	43,074.3	7,504.0	66,353.9	2,800.4	2,882.3	4,074.9	6,321.0	—	10,395.9
October	10,320.2	10,837.1	16,425.5	43,191.4	5,329.5	64,946.4	2,908.9	2,990.2	4,204.3	6,328.4	—	10,532.7
November	10,009.9	10,492.4	15,905.4	41,409.9	6,917.4	64,232.7	2,850.2	2,928.7	4,132.8	6,031.8	—	10,164.6
December	10,098.4	10,584.1	15,931.5	42,811.0	7,772.9	66,515.5	2,881.0	2,959.2	4,084.4	6,244.8	—	10,329.2
1998 Average	10,275.1	10,802.4	15,984.2	42,997.9	6,911.9	65,894.0	2,835.2	2,919.0	4,162.0	6,383.5	—	10,545.5
Subdistrict IA												
January	409.1	416.6	W	4,377.6	W	7,734.5	116.7	116.8	594.3	478.7	—	1,073.0
February	424.9	432.8	W	4,394.2	W	7,493.4	120.1	120.2	W	W	—	1,078.0
March	425.5	433.6	W	4,235.0	W	7,397.9	118.4	118.7	599.5	438.3	—	1,037.8
April	450.8	459.9	W	4,228.0	W	7,814.3	125.9	126.2	604.3	449.4	—	1,053.7
May	468.1	475.0	W	4,487.8	W	8,085.8	133.0	133.4	625.6	490.6	—	1,116.2
June	473.2	482.1	W	4,534.1	W	8,751.5	136.4	136.9	635.0	496.4	—	1,131.4
July	506.8	515.2	2,927.3	4,705.6	2,165.4	9,798.4	146.0	146.5	639.8	565.8	—	1,205.6
August	509.0	516.6	W	4,793.5	W	9,074.4	146.9	147.0	627.8	567.7	—	1,195.5
September	473.3	480.8	W	4,508.5	W	7,620.7	135.6	136.2	W	W	—	1,108.3
October	474.0	482.7	W	4,432.1	W	8,028.9	135.7	136.1	627.9	467.9	—	1,095.8
November	457.4	464.4	W	4,164.1	W	7,769.0	131.9	132.3	W	W	—	1,044.8
December	459.1	467.7	2,840.0	4,371.4	NA	7,885.6	133.0	133.5	606.9	446.2	—	1,053.1
1998 Average	461.2	469.2	2,835.1	4,437.2	855.5	8,127.8	131.7	132.1	615.5	484.3	—	1,099.8
Connecticut												
January	W	W	W	1,105.4	W	2,158.5	W	W	W	W	—	306.4
February	W	W	W	1,105.1	W	1,995.9	W	W	W	W	—	308.8
March	W	W	812.3	W	W	2,263.1	W	W	W	W	—	310.9
April	W	W	844.8	W	W	2,269.2	W	W	191.2	124.7	—	315.9
May	W	W	W	1,201.5	W	2,584.4	W	W	W	W	—	342.0
June	W	W	856.9	W	W	2,535.5	W	W	198.2	138.8	—	337.1
July	W	W	849.7	1,187.4	887.0	2,924.1	W	W	W	W	—	344.0
August	W	W	837.0	W	W	2,333.4	W	W	W	W	—	336.3
September	W	W	830.8	1,187.0	NA	2,032.1	W	W	W	W	—	328.5
October	W	W	843.8	W	W	2,188.3	W	W	193.2	133.6	—	326.8
November	W	W	818.4	1,151.9	NA	1,984.1	W	W	189.5	127.0	—	316.5
December	W	W	W	1,218.2	W	2,234.7	W	W	185.8	133.7	—	319.5
1998 Average	W	W	830.4	W	W	2,295.3	W	W	190.9	133.6	—	324.5

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
United States												
January	8,792.8	9,026.1	W	26,916.7	W	46,306.5	58,054.6	59,905.7	68,733.6	169,043.5	42,107.0	279,884.1
February	9,158.5	9,400.6	W	27,634.5	W	47,237.9	60,564.2	62,399.8	71,387.4	174,744.6	40,087.6	286,219.7
March	9,650.4	9,903.4	W	29,087.9	W	50,206.4	62,648.4	64,533.5	73,187.9	179,721.8	38,342.2	291,251.9
April	8,892.0	9,155.3	W	29,551.9	W	51,542.7	57,156.0	59,012.3	72,946.2	182,791.1	48,871.0	304,608.3
May	8,935.7	9,182.8	W	30,372.9	W	52,267.1	57,714.4	59,509.7	73,289.1	185,607.3	46,534.9	305,431.4
June	9,162.0	9,414.4	W	31,820.7	W	53,983.7	58,987.6	60,837.0	74,591.3	194,348.8	47,395.4	316,335.5
July	10,143.5	10,408.3	W	33,565.6	W	55,229.5	65,242.0	67,183.3	74,974.0	199,143.7	44,632.3	318,750.0
August	10,242.3	10,541.5	W	32,886.9	W	55,312.6	64,824.5	66,831.0	74,347.9	193,764.7	40,487.0	308,599.6
September	10,008.4	10,313.4	W	32,068.2	W	54,564.8	63,142.2	65,146.9	72,848.1	188,766.4	37,877.6	299,492.1
October	9,968.9	10,233.1	17,968.1	31,710.8	4,441.7	54,120.6	63,131.0	65,121.8	74,404.6	189,313.8	35,000.6	298,719.1
November	9,928.4	10,183.9	W	31,416.7	W	54,000.6	62,026.0	63,846.8	71,583.4	183,081.4	35,491.4	290,156.2
December	10,424.8	10,689.2	W	33,994.4	W	56,940.4	63,574.8	65,401.5	72,998.2	191,385.4	40,097.6	304,481.2
1998 Average	9,613.9	9,876.0	17,425.6	30,942.7	4,309.2	52,677.5	61,441.2	63,330.3	72,953.2	186,054.4	41,410.3	300,417.9
PAD District I												
January	2,925.5	3,030.7	8,165.5	10,848.8	1,193.2	20,207.5	15,172.4	15,909.9	27,385.5	56,855.5	8,353.4	92,594.3
February	3,137.7	3,249.8	8,604.8	11,377.4	1,270.8	21,252.9	15,908.0	16,677.9	28,481.1	59,038.0	7,781.0	95,300.1
March	3,304.8	3,418.1	8,765.0	11,857.0	1,702.3	22,324.3	16,478.6	17,233.5	28,834.7	60,506.3	5,780.0	95,120.9
April	3,298.6	3,431.5	8,781.4	12,244.5	1,368.7	22,394.6	16,544.6	17,327.6	29,065.1	62,405.6	7,394.8	98,865.5
May	3,362.4	3,471.0	8,744.3	12,379.3	1,468.5	22,592.1	16,644.3	17,374.7	29,030.5	62,439.2	8,567.3	100,036.9
June	3,430.4	3,548.9	9,009.6	12,788.0	1,988.4	23,785.9	16,965.8	17,722.2	29,728.0	64,198.1	9,721.8	103,648.0
July	3,514.7	3,627.9	9,094.5	13,339.0	1,227.1	23,660.6	17,133.3	17,873.5	29,643.8	65,074.0	10,238.4	104,956.3
August	3,553.8	3,663.9	9,006.8	13,240.4	1,056.4	23,303.6	17,056.6	17,734.0	29,206.9	64,583.6	8,835.6	102,626.2
September	3,416.5	3,526.9	8,931.6	12,781.0	1,405.5	23,118.1	16,265.9	16,952.7	28,782.1	62,176.3	8,909.5	99,868.0
October	3,455.0	3,559.8	9,078.4	12,665.1	1,591.4	23,334.8	16,684.1	17,387.0	29,708.2	62,184.8	6,920.8	98,813.8
November	3,425.9	3,529.5	9,002.7	12,459.9	1,239.3	22,702.0	16,285.9	16,950.7	29,040.9	59,901.6	8,156.8	97,099.2
December	3,563.7	3,669.8	9,102.4	13,271.1	1,102.1	23,475.5	16,543.0	17,213.1	29,118.3	62,326.9	8,875.0	100,320.2
1998 Average	3,367.3	3,478.8	8,858.5	12,444.9	1,384.1	22,687.5	16,477.7	17,200.2	29,004.7	61,826.3	8,296.0	99,127.0
Subdistrict IA												
January	126.8	126.9	W	979.1	W	2,065.3	652.6	660.3	4,078.6	5,835.4	958.8	10,872.8
February	137.2	137.3	901.1	W	W	1,996.8	682.2	690.3	W	5,873.6	W	10,568.3
March	139.7	139.7	W	964.5	W	1,935.5	683.6	692.1	4,287.9	5,637.8	445.5	10,371.2
April	149.3	149.4	W	974.2	W	2,019.4	726.0	735.5	4,392.3	5,651.6	843.5	10,887.4
May	156.7	156.8	W	1,057.3	W	2,183.5	757.8	765.2	4,495.0	6,035.8	854.7	11,385.5
June	159.4	159.4	W	1,053.0	W	2,212.6	769.0	778.4	4,562.8	6,083.5	1,449.1	12,095.4
July	176.0	176.1	1,035.5	1,217.9	266.9	2,520.3	828.8	837.8	4,602.6	6,489.4	2,432.3	13,524.3
August	176.3	176.3	W	1,209.4	W	2,506.2	832.2	839.9	4,538.1	6,570.5	1,667.4	12,776.0
September	166.0	166.1	997.3	W	W	2,237.9	774.9	783.0	W	6,135.5	W	10,967.0
October	163.9	164.0	W	1,078.4	W	2,237.8	773.6	782.8	4,531.7	5,978.4	852.5	11,362.5
November	158.7	158.7	W	W	W	2,117.0	748.0	755.4	W	5,629.6	W	10,930.8
December	157.8	158.0	979.2	1,074.6	197.0	2,250.8	749.9	759.2	4,426.1	5,892.2	NA	11,189.5
1998 Average	155.8	155.8	965.9	1,065.1	161.4	2,192.3	748.7	757.1	4,416.5	5,986.5	1,016.9	11,419.9
Connecticut												
January	W	W	277.3	W	W	694.5	W	W	W	1,489.9	W	3,159.4
February	W	W	297.4	W	W	645.1	W	W	W	1,487.9	W	2,949.7
March	W	W	W	277.0	W	619.4	W	W	1,294.0	W	W	3,193.5
April	W	W	308.4	W	W	675.9	W	W	1,344.3	1,525.8	390.9	3,261.0
May	W	W	313.0	W	W	760.9	W	W	W	1,648.2	W	3,687.3
June	W	W	312.7	W	W	774.9	W	W	1,367.9	1,629.1	650.4	3,647.4
July	W	W	W	W	W	835.8	W	W	1,376.3	W	W	4,103.9
August	W	W	W	W	W	776.8	W	W	1,353.1	W	W	3,446.5
September	W	W	326.2	W	W	754.9	W	W	W	1,660.8	W	3,115.5
October	W	W	325.3	W	W	814.4	W	W	1,362.3	W	W	3,329.6
November	W	W	313.4	321.8	—	635.2	W	W	1,321.3	1,600.8	NA	2,935.8
December	W	W	W	336.7	W	789.5	W	W	1,316.6	1,688.6	338.5	3,343.8
1998 Average	W	W	311.5	W	W	732.4	W	W	1,332.8	1,608.5	410.9	3,352.2

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
Maine												
January	—	—	W	W	—	1,007.7	—	—	W	W	—	110.4
February	—	—	W	946.0	W	1,134.9	—	—	W	W	—	110.5
March	—	—	W	871.8	W	981.7	—	—	W	W	—	90.0
April	—	—	W	W	—	929.2	—	—	W	W	—	93.4
May	—	—	W	W	—	984.1	—	—	W	W	—	105.0
June	—	—	W	W	—	1,063.2	—	—	W	W	—	108.8
July	—	—	W	1,128.1	W	1,311.6	—	—	W	W	—	140.5
August	—	—	W	1,119.1	W	1,853.7	—	—	W	W	—	140.0
September	—	—	W	W	—	1,023.1	—	—	W	W	—	111.4
October	—	—	W	897.8	W	1,241.3	—	—	W	W	—	97.3
November	—	—	W	W	—	892.8	—	—	W	W	—	91.8
December	—	—	W	W	—	914.3	—	—	W	W	—	91.9
1998 Average	—	—	W	955.6	W	1,112.7	—	—	W	W	—	107.6
Massachusetts												
January	231.6	234.5	W	1,555.6	W	3,304.4	71.2	71.2	W	W	—	478.7
February	240.0	242.4	1,407.1	1,565.1	—	2,972.2	73.4	73.4	311.4	168.5	—	479.9
March	237.5	240.6	1,443.1	1,506.1	—	2,949.2	70.3	70.3	307.0	158.6	—	465.6
April	254.0	256.9	W	1,490.4	W	3,153.1	75.4	75.7	W	W	—	471.6
May	268.4	270.7	1,506.7	1,555.5	175.6	3,237.8	80.9	80.9	316.1	171.8	—	487.9
June	273.3	276.6	1,540.1	1,486.8	798.7	3,825.6	82.5	82.7	326.4	167.4	—	493.8
July	292.0	294.8	1,530.7	W	W	4,209.0	87.9	88.2	327.7	180.5	—	508.2
August	291.9	294.2	1,508.8	1,575.3	427.0	3,511.2	87.4	87.4	322.8	192.7	—	515.5
September	271.9	274.2	1,478.8	W	W	3,206.3	81.7	82.0	W	W	—	472.0
October	270.7	274.0	W	1,541.5	W	3,304.9	81.2	81.5	W	W	—	486.1
November	259.7	262.2	1,471.8	W	W	3,606.0	78.1	78.4	W	W	—	465.1
December	257.9	260.8	1,495.3	W	W	3,423.9	79.1	79.1	312.8	153.0	—	465.9
1998 Average	262.6	265.3	1,477.8	1,519.7	397.3	3,394.8	79.1	79.3	315.3	167.3	—	482.6
New Hampshire												
January	62.2	62.2	171.4	35.9	—	207.3	15.1	15.1	37.2	5.5	—	42.7
February	63.3	63.3	177.1	65.3	—	242.4	15.7	15.7	39.0	5.0	—	44.1
March	65.5	65.6	171.8	35.8	—	207.6	15.9	15.9	36.8	4.7	—	41.6
April	66.0	66.0	171.7	33.9	—	205.6	15.8	15.8	34.4	4.7	—	39.0
May	65.5	65.5	176.0	41.5	—	217.5	16.2	16.2	36.0	4.7	—	40.7
June	63.8	63.8	180.0	46.3	—	226.3	16.4	16.4	36.1	5.8	—	41.9
July	69.5	69.5	177.2	45.4	—	222.5	17.7	17.7	36.9	6.5	—	43.4
August	69.5	69.5	179.5	94.8	—	274.3	17.6	17.6	35.8	11.5	—	47.3
September	64.8	64.8	173.8	138.9	—	312.7	16.2	16.2	W	W	—	53.5
October	66.8	66.8	177.0	119.3	—	296.3	16.8	16.8	W	W	—	50.1
November	65.2	65.3	172.4	99.9	—	272.3	16.9	16.9	W	W	—	48.1
December	67.7	67.7	171.6	107.1	—	278.6	17.3	17.3	W	W	—	46.6
1998 Average	65.8	65.9	174.9	72.0	—	246.9	16.5	16.5	36.2	8.7	—	44.9
Rhode Island												
January	W	W	232.7	W	W	870.7	W	W	W	W	—	107.8
February	W	W	246.1	W	W	974.0	W	W	W	W	—	110.1
March	W	W	255.5	588.1	—	843.6	W	W	53.3	56.3	—	109.6
April	W	W	269.3	W	W	1,110.1	W	W	W	W	—	115.6
May	W	W	270.7	628.7	—	899.4	W	W	W	W	—	118.2
June	W	W	270.6	653.5	—	924.1	W	W	57.1	67.9	—	125.0
July	W	W	277.8	644.0	—	921.8	W	W	59.5	79.7	—	139.3
August	W	W	275.2	624.0	—	899.2	W	W	58.9	69.1	—	128.1
September	W	W	273.8	589.1	—	862.9	W	W	56.3	60.9	—	117.2
October	W	W	283.4	526.1	—	809.5	W	W	58.4	52.0	—	110.5
November	W	W	266.6	W	W	852.7	W	W	W	W	—	102.2
December	W	W	275.5	537.8	NA	854.2	W	W	57.5	48.4	—	105.8
1998 Average	W	W	266.6	W	W	900.9	W	W	56.3	59.5	—	115.8

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Maine												
January	—	—	W	W	—	183.9	—	—	W	W	—	1,302.0
February	—	—	W	W	—	190.6	—	—	W	1,231.6	W	1,436.0
March	—	—	W	W	—	154.7	—	—	W	1,100.2	W	1,226.4
April	—	—	W	W	—	158.6	—	—	W	W	—	1,181.2
May	—	—	W	W	—	172.0	—	—	W	W	—	1,261.0
June	—	—	W	W	—	185.7	—	—	W	W	—	1,357.7
July	—	—	W	W	W	332.0	—	—	W	1,484.3	W	1,784.1
August	—	—	W	W	W	301.4	—	—	W	1,473.4	W	2,295.1
September	—	—	W	W	—	199.3	—	—	W	W	—	1,333.9
October	—	—	W	W	—	174.3	—	—	W	1,151.2	W	1,512.9
November	—	—	W	W	—	166.5	—	—	W	W	—	1,151.1
December	—	—	W	W	—	164.0	—	—	W	W	—	1,170.2
1998 Average	—	—	W	175.9	W	198.9	—	—	W	W	126.0	1,419.3
Massachusetts												
January	72.3	72.3	W	372.1	W	893.3	375.0	377.9	2,112.2	W	W	4,676.4
February	77.9	77.9	465.0	383.6	—	848.6	391.3	393.7	2,183.4	2,117.3	—	4,300.8
March	79.5	79.5	486.8	367.6	—	854.4	387.4	390.4	2,236.8	2,032.4	—	4,269.2
April	85.5	85.5	W	363.7	W	874.4	415.0	418.1	2,272.6	W	W	4,499.0
May	90.8	90.8	508.7	400.6	—	909.3	440.2	442.5	2,331.5	2,127.9	175.6	4,635.0
June	92.6	92.6	527.2	383.1	—	910.3	448.3	451.9	2,393.7	2,037.3	798.7	5,229.7
July	100.9	100.9	544.3	W	W	967.8	480.8	483.9	2,402.7	2,132.0	1,150.2	5,685.0
August	100.4	100.4	534.4	423.4	90.2	1,048.0	479.6	481.9	2,366.1	2,191.4	517.3	5,074.7
September	94.5	94.5	W	385.2	W	920.7	448.0	450.6	2,303.1	W	W	4,599.1
October	92.7	92.7	516.9	397.6	—	914.5	444.6	448.1	2,352.9	W	W	4,705.6
November	88.8	88.8	W	376.7	W	997.6	426.7	429.4	2,290.0	W	W	5,068.6
December	89.5	89.6	510.6	W	W	963.7	426.5	429.5	2,318.8	2,042.9	NA	4,853.5
1998 Average	88.8	88.9	504.6	388.8	32.4	925.8	430.6	433.4	2,297.7	2,075.9	429.6	4,803.3
New Hampshire												
January	16.5	16.5	39.1	6.0	—	45.1	93.8	93.8	247.7	47.4	—	295.1
February	17.5	17.5	43.2	12.6	—	55.8	96.6	96.6	259.3	82.9	—	342.2
March	18.1	18.1	42.4	6.0	—	48.4	99.5	99.6	251.0	46.5	—	297.5
April	18.6	18.6	42.3	5.9	—	48.2	100.4	100.4	248.3	44.5	—	292.8
May	18.1	18.1	44.5	7.3	—	51.8	99.7	99.7	256.6	53.5	—	310.1
June	18.7	18.7	46.3	7.6	—	53.9	98.8	98.8	262.4	59.7	—	322.1
July	21.3	21.3	47.4	8.5	—	55.9	108.5	108.5	261.5	60.4	—	321.8
August	21.0	21.0	47.3	16.5	—	63.8	108.1	108.1	262.7	122.7	—	385.5
September	19.0	19.0	W	W	—	74.1	100.0	100.0	255.1	185.2	—	440.3
October	19.0	19.0	W	W	—	66.0	102.5	102.5	258.7	153.6	—	412.4
November	18.5	18.5	W	W	—	63.7	100.6	100.7	253.5	130.6	—	384.1
December	19.2	19.2	W	W	—	61.2	104.2	104.2	248.3	138.1	—	386.4
1998 Average	18.8	18.8	44.3	13.0	—	57.3	101.1	101.1	255.4	93.7	—	349.1
Rhode Island												
January	W	W	W	W	—	208.8	W	W	357.7	W	W	1,187.4
February	W	W	W	W	—	219.9	W	W	378.3	W	W	1,304.0
March	W	W	80.8	145.6	—	226.4	W	W	389.5	790.0	—	1,179.6
April	W	W	83.8	151.0	—	234.8	W	W	W	806.9	W	1,460.5
May	W	W	86.0	W	W	255.5	W	W	W	848.2	W	1,273.1
June	W	W	85.9	164.9	—	250.7	W	W	413.5	886.3	—	1,299.8
July	W	W	93.4	188.5	—	281.9	W	W	430.7	912.3	—	1,343.0
August	W	W	92.5	177.5	—	270.0	W	W	426.7	870.6	—	1,297.3
September	W	W	89.8	157.7	—	247.5	W	W	420.0	807.6	—	1,227.6
October	W	W	90.0	136.7	—	226.7	W	W	431.8	714.8	—	1,146.6
November	W	W	88.1	132.2	—	220.3	W	W	W	659.3	W	1,175.1
December	W	W	90.8	141.8	—	232.6	W	W	423.7	728.0	NA	1,192.6
1998 Average	W	W	86.1	W	W	239.8	W	W	409.0	797.1	50.4	1,256.5

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Vermont												
January	—	—	W	W	—	185.9	—	—	W	W	—	27.0
February	—	—	W	W	—	174.1	—	—	W	W	—	24.6
March	—	—	W	W	—	152.7	—	—	W	W	—	20.1
April	—	—	W	W	—	147.1	—	—	W	W	—	18.2
May	—	—	W	W	—	162.6	—	—	W	W	—	22.4
June	—	—	W	W	—	176.8	—	—	W	W	—	24.9
July	—	—	W	W	—	209.3	—	—	W	W	—	30.3
August	—	—	W	W	—	202.5	—	—	W	W	—	28.4
September	—	—	W	W	—	183.7	—	—	W	W	—	25.6
October	—	—	W	W	—	188.6	—	—	W	W	—	25.0
November	—	—	W	W	—	161.2	—	—	W	W	—	21.2
December	—	—	W	W	—	179.8	—	—	W	W	—	23.4
1998 Average	—	—	W	W	—	177.2	—	—	W	W	—	24.3
Subdistrict IB												
January	3,182.7	3,336.5	8,627.1	11,408.2	5,638.8	25,674.1	783.7	804.4	2,104.0	1,316.7	—	3,420.7
February	3,361.1	3,500.8	W	12,375.9	W	26,838.8	809.6	823.8	W	W	—	3,527.3
March	3,477.6	3,625.5	9,064.0	12,539.5	3,325.1	24,928.7	825.2	843.5	2,077.6	1,424.8	—	3,502.5
April	3,510.6	3,660.0	W	13,244.3	W	27,370.1	832.7	850.9	2,109.4	1,470.4	—	3,579.8
May	3,603.3	3,738.1	W	13,514.5	W	28,672.0	871.1	887.8	2,113.2	1,527.0	—	3,640.2
June	3,692.2	3,842.5	9,361.4	13,958.1	5,981.7	29,301.2	904.0	922.5	2,177.6	1,620.4	—	3,798.0
July	3,794.9	3,928.5	9,295.6	14,222.3	6,106.3	29,624.2	928.4	945.2	2,154.2	1,720.9	—	3,875.1
August	3,721.2	3,835.9	9,170.3	13,756.1	5,901.8	28,828.3	912.4	928.3	2,116.1	1,637.6	—	3,753.7
September	3,486.3	3,600.2	W	13,087.6	W	28,889.2	863.2	878.4	W	W	—	3,602.7
October	3,531.2	3,649.1	9,376.8	13,158.6	4,422.0	26,957.5	890.4	905.8	2,138.9	1,452.6	—	3,591.5
November	3,437.4	3,549.8	W	12,321.9	W	26,826.2	880.1	895.7	W	W	—	3,481.9
December	3,471.5	3,584.9	9,150.9	12,874.4	5,877.9	27,903.2	900.8	916.6	2,081.0	1,393.7	—	3,474.6
1998 Average	3,523.7	3,655.5	9,119.8	13,042.6	5,490.5	27,652.9	867.2	884.0	2,116.2	1,488.4	—	3,604.5
Delaware												
January	18.8	28.7	196.5	345.5	—	542.0	6.1	6.1	49.9	60.8	—	110.6
February	19.7	31.2	W	W	—	508.9	6.0	6.0	W	W	—	103.0
March	W	32.3	220.5	299.1	—	519.6	W	W	51.3	50.7	—	102.0
April	W	34.7	W	W	—	585.7	W	W	49.6	59.3	—	109.0
May	W	33.9	W	W	—	652.5	W	W	47.8	65.5	—	113.3
June	W	35.9	197.2	415.7	—	612.9	W	W	42.4	70.8	—	113.2
July	W	36.9	204.3	411.3	—	615.5	W	8.4	44.8	75.0	—	119.8
August	W	36.9	208.5	404.6	—	613.2	W	8.2	W	W	—	116.4
September	21.8	33.0	W	W	—	599.2	6.5	6.6	W	W	—	111.2
October	21.7	32.4	220.6	361.8	—	582.5	6.8	6.8	49.3	58.7	—	108.0
November	22.7	33.3	W	W	—	505.3	7.0	7.1	W	W	—	95.2
December	23.5	33.5	200.2	282.9	—	483.1	7.0	7.0	43.5	50.4	—	93.9
1998 Average	W	33.6	209.0	359.7	—	568.8	W	7.0	W	W	—	108.0
District of Columbia												
January	—	W	113.5	—	—	113.5	—	W	71.9	—	—	71.9
February	—	W	113.8	—	—	113.8	—	W	NA	—	—	NA
March	—	6.8	111.5	—	—	111.5	—	W	NA	—	—	NA
April	—	6.4	113.7	—	—	113.7	—	W	NA	—	—	NA
May	—	6.2	113.1	—	—	113.1	—	W	NA	—	—	NA
June	—	4.8	116.1	—	—	116.1	—	W	NA	—	—	NA
July	—	6.7	115.5	—	—	115.5	—	W	NA	—	—	NA
August	—	5.8	109.1	—	—	109.1	—	W	NA	—	—	NA
September	—	W	110.6	—	—	110.6	—	W	NA	—	—	NA
October	—	6.7	110.7	—	—	110.7	—	W	NA	—	—	NA
November	—	4.6	108.4	—	—	108.4	—	W	NA	—	—	NA
December	—	W	109.8	—	—	109.8	—	W	NA	—	—	NA
1998 Average	—	5.9	112.1	—	—	112.1	—	W	70.8	—	—	70.8

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Vermont												
January	—	—	W	W	—	39.7	—	—	W	W	—	252.6
February	—	—	W	W	—	36.8	—	—	W	W	—	235.6
March	—	—	W	W	—	32.2	—	—	W	W	—	205.0
April	—	—	W	W	—	27.6	—	—	W	W	—	192.9
May	—	—	W	W	—	34.0	—	—	W	W	—	219.0
June	—	—	W	W	—	37.0	—	—	W	W	—	238.6
July	—	—	W	W	—	46.8	—	—	W	W	—	286.5
August	—	—	W	W	—	46.1	—	—	W	W	—	276.9
September	—	—	W	W	—	41.4	—	—	W	W	—	250.7
October	—	—	W	W	—	41.9	—	—	W	W	—	255.5
November	—	—	W	W	—	33.8	—	—	W	W	—	216.2
December	—	—	W	W	—	39.7	—	—	W	W	—	243.0
1998 Average	—	—	W	W	—	38.1	—	—	W	W	—	239.6
Subdistrict IB												
January	977.8	998.9	4,944.4	2,894.9	724.6	8,563.8	4,944.3	5,139.8	15,675.5	15,619.8	6,363.4	37,658.7
February	1,045.8	1,065.5	5,167.8	W	W	9,295.9	5,216.5	5,390.1	W	16,917.3	W	39,661.9
March	1,087.3	1,110.9	5,271.3	3,177.3	1,592.5	10,041.1	5,390.1	5,579.8	16,413.0	17,141.7	4,917.5	38,472.2
April	1,095.1	1,117.4	W	3,388.1	W	9,832.5	5,438.4	5,628.2	16,529.7	18,102.9	6,149.8	40,782.4
May	1,133.8	1,154.6	W	3,543.6	W	10,008.8	5,608.2	5,780.5	16,477.8	18,585.0	7,258.2	42,321.0
June	1,178.3	1,202.3	5,436.0	3,704.5	1,664.5	10,805.0	5,774.5	5,967.3	16,975.0	19,283.1	7,646.2	43,904.2
July	1,239.6	1,262.6	5,490.1	3,952.7	792.6	10,235.4	5,962.9	6,136.4	16,939.8	19,895.9	6,898.9	43,734.6
August	1,233.4	1,254.3	5,441.4	3,828.2	752.7	10,022.2	5,866.9	6,018.5	16,727.8	19,221.9	6,654.5	42,604.2
September	1,164.9	1,185.1	5,427.1	W	W	10,198.9	5,514.3	5,663.6	W	18,200.3	W	42,690.9
October	1,156.2	1,175.0	5,495.5	3,537.5	1,357.4	10,390.3	5,577.8	5,729.9	17,011.2	18,148.7	5,779.4	40,939.2
November	1,143.0	1,160.9	5,488.8	W	W	9,947.1	5,460.5	5,606.4	W	17,107.2	W	40,255.2
December	1,178.4	1,196.5	5,526.0	3,660.2	757.7	9,943.9	5,550.7	5,698.1	16,757.9	17,928.2	6,635.6	41,321.7
1998 Average	1,136.8	1,157.7	5,350.6	3,488.9	1,103.4	9,942.9	5,527.7	5,697.2	16,586.6	18,019.9	6,593.9	41,200.3
Delaware												
January	5.3	6.3	53.4	81.2	—	134.6	30.2	41.2	299.7	487.5	—	787.2
February	5.7	6.9	57.6	66.7	—	124.3	31.4	44.1	W	W	—	736.2
March	W	W	57.5	69.9	—	127.5	W	45.6	329.4	419.7	—	749.1
April	W	W	W	W	—	142.2	W	50.0	329.5	507.4	—	836.9
May	W	W	W	W	—	151.9	W	50.0	321.2	596.5	—	917.6
June	W	W	56.4	96.4	—	152.8	W	52.0	296.0	582.9	—	878.9
July	W	10.1	59.2	102.2	—	161.4	W	55.4	308.3	588.4	—	896.7
August	W	9.8	W	W	—	162.6	W	54.9	W	W	—	892.2
September	6.7	8.1	59.8	94.2	—	154.0	35.0	47.6	W	W	—	864.4
October	6.7	8.0	61.5	90.1	—	151.6	35.2	47.1	331.4	510.7	—	842.1
November	7.3	8.7	58.8	71.7	—	130.5	37.0	49.0	W	W	—	731.0
December	7.4	8.7	56.8	71.5	—	128.4	37.9	49.3	300.5	404.8	—	705.4
1998 Average	W	8.3	W	W	—	143.6	W	48.9	W	W	—	820.4
District of Columbia												
January	—	W	146.5	—	—	146.5	—	W	331.9	—	—	331.9
February	—	W	NA	—	—	NA	—	9.1	337.1	—	—	337.1
March	—	W	NA	—	—	NA	—	9.9	331.8	—	—	331.8
April	—	W	NA	—	—	NA	—	9.6	335.7	—	—	335.7
May	—	W	NA	—	—	NA	—	9.3	333.1	—	—	333.1
June	—	W	NA	—	—	NA	—	8.1	345.3	—	—	345.3
July	—	W	NA	—	—	NA	—	10.6	344.3	—	—	344.3
August	—	W	W	W	—	NA	—	9.2	W	W	—	NA
September	—	W	NA	—	—	NA	—	W	335.4	—	—	335.4
October	—	W	NA	—	—	NA	—	10.0	NA	—	—	NA
November	—	W	NA	—	—	NA	—	7.6	NA	—	—	NA
December	—	W	NA	—	—	NA	—	8.3	334.2	—	—	334.2
1998 Average	—	W	W	W	—	152.3	—	9.1	W	W	—	335.2

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
Maryland												
January	—	W	W	1,207.2	W	2,842.2	—	W	W	W	—	752.2
February	—	W	1,619.2	W	W	2,843.2	—	W	W	W	—	754.0
March	W	35.9	W	1,378.8	W	2,987.0	W	6.3	W	W	—	762.3
April	W	37.1	1,578.2	W	W	2,934.7	W	6.1	W	W	—	756.1
May	W	39.3	1,574.8	W	W	3,062.1	W	6.7	W	W	—	783.1
June	W	43.0	W	1,473.1	W	3,194.8	W	8.3	W	W	—	801.0
July	W	37.5	1,606.5	1,523.9	—	3,130.4	W	W	520.0	303.1	—	823.1
August	W	32.0	1,566.9	W	W	3,141.2	W	W	W	W	—	800.0
September	—	W	1,617.7	1,450.7	—	3,068.3	—	W	522.7	267.8	—	790.5
October	—	28.7	1,688.7	1,478.7	—	3,167.4	—	W	524.9	263.1	—	787.9
November	—	27.2	1,638.6	W	W	3,112.4	—	W	W	W	—	769.7
December	—	W	1,605.4	W	W	3,014.2	—	W	504.4	224.5	—	728.9
1998 Average	W	32.8	1,610.0	1,398.6	34.1	3,042.7	W	W	W	W	—	775.9
New Jersey												
January	740.9	762.5	2,411.4	1,925.8	4,565.8	8,903.0	184.3	187.1	542.8	242.5	—	785.3
February	770.3	791.2	2,471.0	2,349.6	4,188.3	9,008.9	194.6	196.7	542.3	296.9	—	839.2
March	781.2	803.1	2,536.0	2,372.9	2,176.7	7,085.5	197.2	200.2	543.2	303.5	—	846.7
April	807.3	828.9	2,581.5	2,498.4	3,599.9	8,679.8	204.1	207.0	566.2	306.5	—	872.7
May	818.2	839.1	2,548.3	2,425.1	4,214.0	9,187.4	210.7	214.4	551.4	301.9	—	853.3
June	841.9	863.1	2,616.3	2,522.6	4,492.3	9,631.1	215.8	219.4	578.2	334.8	—	913.0
July	876.7	894.5	2,582.2	2,521.9	4,725.1	9,829.2	224.3	228.0	559.3	375.0	—	934.3
August	875.4	894.2	2,559.2	2,447.2	4,639.8	9,646.2	223.7	226.9	555.3	353.9	—	909.2
September	798.9	817.5	2,492.0	2,250.2	5,374.0	10,116.1	205.9	209.2	544.9	325.3	—	870.2
October	789.7	808.6	2,559.7	2,191.1	3,268.8	8,019.6	206.2	209.2	556.6	297.7	—	854.3
November	774.2	793.6	2,539.1	2,137.7	3,947.1	8,623.9	204.2	207.1	552.7	292.0	—	844.7
December	780.3	802.1	2,535.9	2,345.6	3,967.8	8,849.4	207.7	211.0	555.5	307.9	—	863.4
1998 Average	804.8	825.1	2,536.4	2,332.0	4,093.1	8,961.4	206.6	209.8	554.0	311.6	—	865.6
New York												
January	1,194.7	1,230.7	2,498.5	3,612.2	208.8	6,319.5	227.7	234.7	572.6	226.0	—	798.6
February	1,258.0	1,295.5	2,571.1	3,807.4	451.5	6,830.0	232.8	237.8	578.9	230.0	—	808.9
March	1,313.1	1,350.4	2,644.9	3,741.6	370.0	6,756.5	231.4	237.3	572.7	226.6	—	799.3
April	1,325.1	1,362.4	2,672.5	3,987.7	360.5	7,020.7	237.7	243.6	W	W	—	814.8
May	1,386.8	1,424.1	2,722.3	4,251.0	749.9	7,723.1	252.6	258.1	594.1	269.7	—	863.8
June	1,428.8	1,467.8	2,824.4	4,305.5	545.6	7,675.5	262.6	267.6	617.7	276.0	—	893.7
July	1,466.1	1,501.5	2,816.3	4,376.9	451.7	7,644.8	269.9	274.5	614.3	307.9	—	922.2
August	1,442.4	1,470.8	2,784.9	4,280.2	NA	7,404.6	264.6	269.8	610.3	292.7	—	903.1
September	1,352.1	1,381.6	2,676.0	4,124.1	NA	7,118.1	252.1	256.9	586.4	257.1	—	843.4
October	1,383.8	1,413.5	2,730.7	4,168.4	340.1	7,239.2	263.8	268.0	593.4	247.8	—	841.2
November	1,328.8	1,360.1	2,706.5	3,855.4	NA	6,895.4	261.3	266.3	590.2	224.0	—	814.2
December	1,335.0	1,367.6	2,736.7	W	W	7,177.4	262.5	267.1	579.8	221.5	—	801.3
1998 Average	1,351.9	1,386.2	2,699.6	4,046.4	406.7	7,152.7	251.7	256.9	591.2	251.1	—	842.3
Pennsylvania												
January	1,228.4	1,279.1	W	4,317.5	W	6,953.9	365.6	370.5	W	W	—	902.1
February	1,313.0	1,348.1	W	4,706.6	W	7,534.0	376.2	376.8	336.6	613.5	—	950.1
March	1,358.9	1,397.0	W	4,747.1	W	7,468.4	389.8	392.4	W	W	—	922.6
April	1,349.8	1,390.4	1,980.1	5,042.2	1,013.2	8,035.5	383.3	386.0	339.2	616.4	—	955.6
May	1,365.0	1,395.6	1,959.0	5,021.2	953.7	7,933.9	398.4	399.6	W	W	—	954.6
June	1,387.5	1,427.9	W	5,241.2	W	8,070.9	415.8	418.1	W	W	—	1,003.4
July	1,420.4	1,451.5	1,970.8	5,388.3	929.6	8,288.6	424.8	425.9	342.8	660.0	—	1,002.8
August	1,375.0	1,396.3	1,941.6	W	W	7,914.0	415.3	415.9	W	W	—	956.2
September	1,313.5	1,334.8	1,938.9	W	W	7,876.9	398.6	399.1	325.8	591.8	—	917.6
October	1,336.0	1,359.2	2,066.3	4,958.6	813.1	7,838.0	413.6	414.8	345.1	585.3	—	930.3
November	1,311.6	1,331.0	W	4,595.9	W	7,580.8	407.6	408.4	330.6	559.6	—	890.2
December	1,332.7	1,349.5	1,962.9	4,880.9	1,425.5	8,269.4	423.5	424.6	328.7	589.4	—	918.1
1998 Average	1,341.2	1,371.9	1,952.8	4,905.8	956.5	7,815.1	401.2	402.9	W	W	—	941.9

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
Maryland												
January	—	W	766.4	368.7	—	1,135.1	—	W	2,915.7	W	W	4,729.5
February	—	W	W	W	—	1,158.0	—	39.6	2,952.3	W	W	4,755.2
March	W	7.8	793.0	416.1	—	1,209.1	W	50.0	2,887.5	W	W	4,958.4
April	W	7.9	W	W	—	1,194.8	W	51.0	2,857.6	W	W	4,885.5
May	W	7.9	W	W	W	1,267.8	W	53.8	2,867.9	W	W	5,113.0
June	W	9.2	809.6	W	W	1,291.6	W	60.5	2,954.6	W	W	5,287.3
July	W	W	826.9	492.9	—	1,319.8	W	52.3	2,953.4	2,319.9	—	5,273.3
August	W	W	809.9	480.7	—	1,290.6	W	45.3	W	2,316.3	W	5,231.8
September	—	W	843.5	W	W	1,336.6	—	W	2,983.8	W	W	5,195.4
October	—	W	849.3	454.7	—	1,304.0	—	40.3	3,062.9	2,196.5	—	5,259.4
November	—	W	W	W	—	1,295.3	—	38.8	3,014.3	W	W	5,177.4
December	—	W	839.0	W	W	1,309.0	—	38.8	2,948.8	1,997.5	105.7	5,052.0
1998 Average	W	W	812.6	W	W	1,259.9	W	45.9	W	2,092.5	W	5,078.5
New Jersey												
January	322.9	326.6	1,467.4	735.9	314.6	2,518.0	1,248.1	1,276.2	4,421.6	2,904.2	4,880.4	12,206.2
February	347.5	350.3	1,524.6	872.9	275.8	2,673.2	1,312.4	1,338.3	4,537.8	3,519.3	4,464.1	12,521.2
March	356.1	360.7	1,567.2	877.2	544.0	2,988.4	1,334.5	1,364.1	4,646.3	3,553.6	2,720.7	10,920.6
April	362.1	365.8	1,581.3	918.3	271.6	2,771.3	1,373.5	1,401.8	4,729.0	3,723.3	3,871.5	12,323.8
May	368.7	373.8	1,545.1	905.7	561.6	3,012.5	1,397.6	1,427.2	4,644.8	3,632.7	4,775.6	13,053.2
June	379.3	384.1	1,605.3	959.0	1,112.3	3,676.6	1,437.0	1,466.6	4,799.7	3,816.4	5,604.6	14,220.7
July	404.4	409.3	1,611.1	988.5	385.5	2,985.0	1,505.4	1,531.7	4,752.6	3,885.4	5,110.5	13,748.5
August	406.4	411.6	1,601.2	965.4	433.4	2,999.9	1,505.5	1,532.7	4,715.7	3,766.5	5,073.2	13,555.4
September	373.8	379.3	1,585.2	871.8	716.5	3,173.5	1,378.6	1,406.0	4,622.1	3,447.2	6,090.5	14,159.9
October	366.7	370.4	1,597.1	872.3	570.5	3,039.9	1,362.6	1,388.3	4,713.4	3,361.1	3,839.3	11,913.8
November	364.0	367.6	1,603.7	869.0	483.1	2,955.8	1,342.3	1,368.4	4,695.5	3,298.7	4,430.2	12,424.3
December	365.3	369.0	1,615.4	950.1	379.7	2,945.2	1,353.3	1,382.1	4,706.7	3,603.7	4,347.5	12,658.0
1998 Average	368.3	372.5	1,575.6	899.0	504.4	2,979.0	1,379.7	1,407.5	4,666.0	3,542.6	4,597.4	12,806.0
New York												
January	340.0	344.2	1,869.2	771.5	82.3	2,723.0	1,762.4	1,809.6	4,940.4	4,609.6	291.1	9,841.1
February	353.7	358.8	1,950.9	824.6	361.4	3,136.9	1,844.6	1,892.0	5,100.9	4,861.9	812.9	10,775.7
March	368.5	373.9	1,997.3	793.5	778.0	3,568.8	1,913.0	1,961.5	5,215.0	4,761.7	1,148.0	11,124.6
April	376.5	381.0	W	W	W	3,304.5	1,939.2	1,987.0	5,251.3	W	W	11,140.0
May	402.1	407.1	2,001.2	994.2	332.5	3,327.8	2,041.5	2,089.3	5,317.5	5,514.8	1,082.4	11,914.8
June	424.1	428.8	2,092.3	1,033.2	234.4	3,359.9	2,115.5	2,164.2	5,534.4	5,614.7	780.0	11,929.0
July	441.0	445.6	2,116.2	1,123.9	136.2	3,376.3	2,177.0	2,221.6	5,546.7	5,808.7	587.8	11,943.3
August	439.8	444.1	2,108.2	1,091.0	81.4	3,280.5	2,146.8	2,184.7	5,503.4	5,663.9	420.9	11,588.2
September	416.6	420.5	2,074.6	1,024.1	160.7	3,259.4	2,020.7	2,058.9	5,336.9	5,405.3	478.7	11,220.9
October	417.3	420.8	2,094.4	986.2	492.5	3,573.2	2,064.9	2,102.3	5,418.5	5,402.4	832.6	11,653.6
November	403.0	406.7	2,095.7	942.4	149.1	3,187.2	1,993.2	2,033.1	5,392.4	5,021.8	482.6	10,896.8
December	413.8	417.8	2,119.2	W	W	3,186.7	2,011.4	2,052.5	5,435.7	5,252.7	NA	11,165.4
1998 Average	400.0	404.4	2,043.4	954.9	276.4	3,274.8	2,003.7	2,047.5	5,334.2	5,252.5	683.1	11,269.8
Pennsylvania												
January	309.6	314.1	641.4	937.6	327.7	1,906.7	1,903.6	1,963.6	2,766.2	W	W	9,762.8
February	338.9	342.0	W	1,007.0	W	2,052.3	2,028.1	2,066.9	2,927.4	6,327.1	1,281.9	10,536.4
March	356.0	359.5	705.6	1,020.6	270.4	1,996.7	2,104.6	2,148.8	3,003.0	W	W	10,387.7
April	348.6	352.4	707.3	1,114.5	447.5	2,269.3	2,081.8	2,128.8	3,026.6	6,773.1	1,460.7	11,260.4
May	353.7	355.6	W	1,112.4	W	2,100.8	2,117.0	2,150.8	2,993.2	W	W	10,989.3
June	365.6	369.9	717.0	W	W	2,168.8	2,168.9	2,215.9	3,045.0	W	W	11,243.0
July	384.4	387.3	721.0	1,245.1	271.0	2,237.2	2,229.6	2,264.7	3,034.6	7,293.5	1,200.6	11,528.6
August	378.2	379.6	711.6	1,188.1	238.0	2,137.7	2,168.5	2,191.7	W	6,895.6	W	11,007.9
September	367.9	369.2	708.9	W	W	2,120.4	2,080.0	2,103.1	2,973.6	6,618.1	1,323.2	10,914.9
October	365.6	367.9	738.6	1,134.1	294.3	2,167.1	2,115.2	2,141.9	3,150.0	6,678.0	1,107.4	10,935.4
November	368.7	370.2	W	1,088.3	W	2,224.1	2,088.0	2,109.6	3,020.3	6,243.8	1,431.0	10,695.1
December	391.8	393.1	740.3	1,199.2	279.9	2,219.3	2,148.1	2,167.2	3,031.9	6,669.5	1,705.4	11,406.8
1998 Average	360.9	363.6	708.2	W	W	2,133.3	2,103.4	2,138.3	W	6,626.5	W	10,890.4

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
Subdistrict IC												
January	6,065.3	6,449.5	W	24,232.6	W	28,893.5	1,689.3	1,755.4	1,398.1	4,192.8	—	5,590.9
February	6,287.5	6,710.9	4,082.7	24,766.0	563.5	29,412.3	1,767.1	1,839.6	1,453.8	4,243.7	—	5,697.5
March	6,500.3	6,899.7	W	25,618.3	W	30,098.4	1,826.8	1,894.3	1,438.0	4,393.4	—	5,831.4
April	6,468.1	6,869.8	4,131.5	26,293.8	NA	30,721.7	1,857.9	1,929.4	1,456.1	4,475.2	—	5,931.3
May	6,328.9	6,722.7	4,068.7	25,571.5	NA	30,013.1	1,877.5	1,946.7	1,449.0	4,468.5	—	5,917.5
June	6,426.8	6,817.6	W	26,201.0	W	30,803.8	1,902.9	1,971.8	1,476.0	4,600.1	—	6,076.2
July	6,364.5	6,766.7	4,083.4	25,869.2	739.6	30,692.1	1,877.8	1,943.3	1,449.1	4,651.2	—	6,100.3
August	6,352.1	6,718.5	W	26,050.1	W	30,506.1	1,861.3	1,923.8	1,426.4	4,538.3	—	5,964.6
September	6,089.4	6,462.6	3,890.8	25,478.2	NA	29,844.0	1,801.6	1,867.7	1,376.4	4,308.5	—	5,684.9
October	6,314.9	6,705.2	W	25,600.6	W	29,960.0	1,882.8	1,948.3	1,437.6	4,407.9	—	5,845.5
November	6,115.1	6,478.2	W	24,923.9	W	29,637.5	1,838.2	1,900.7	1,409.2	4,228.6	—	5,637.8
December	6,167.7	6,531.5	3,940.6	25,565.3	NA	30,726.6	1,847.2	1,909.2	1,396.6	4,404.9	—	5,801.5
1998 Average	6,290.2	6,677.7	4,029.3	25,518.0	565.9	30,113.2	1,836.3	1,902.9	1,430.4	4,410.8	—	5,841.2
Florida												
January	2,822.7	2,962.6	W	6,223.4	W	8,711.1	787.4	812.1	801.3	1,174.7	—	1,976.0
February	2,957.7	3,121.1	W	6,304.6	W	8,872.0	827.8	856.7	W	W	—	2,003.4
March	3,028.2	3,168.6	2,370.2	W	W	8,928.3	845.8	871.7	W	W	—	2,035.6
April	2,955.6	3,107.3	W	6,317.1	W	8,731.5	852.3	884.1	W	W	—	2,033.0
May	2,789.7	2,931.2	2,273.9	6,006.6	NA	8,317.4	852.8	881.0	W	W	—	2,051.9
June	2,827.0	2,949.2	2,287.9	5,997.7	NA	8,333.5	860.8	888.9	W	W	—	2,058.2
July	2,769.5	2,899.5	2,230.9	5,884.6	NA	8,155.5	834.8	861.9	W	W	—	2,026.6
August	2,791.5	2,904.5	2,174.2	W	W	8,322.1	832.2	855.6	W	W	—	1,970.8
September	2,673.2	2,795.0	W	5,938.3	W	8,192.7	799.8	825.2	767.8	1,129.6	—	1,897.5
October	2,860.9	2,997.6	2,309.0	6,147.3	NA	8,491.2	850.8	874.0	W	W	—	1,966.6
November	2,799.7	2,921.5	2,203.4	W	W	8,711.8	841.1	862.8	794.7	1,118.3	—	1,912.9
December	2,844.6	2,978.9	2,224.0	6,381.6	NA	9,092.6	851.5	873.1	789.1	1,179.4	—	1,968.5
1998 Average	2,842.7	2,977.3	2,256.1	6,150.5	163.4	8,570.0	836.5	862.3	810.0	1,181.8	—	1,991.8
Georgia												
January	1,198.6	1,265.7	W	5,191.9	W	5,749.1	361.8	380.9	W	W	—	896.4
February	1,239.3	1,312.1	497.4	5,265.2	—	5,762.5	379.7	399.1	217.4	716.0	—	933.4
March	1,304.6	1,375.8	500.1	5,491.1	—	5,991.2	400.5	420.3	220.0	747.6	—	967.6
April	1,324.2	1,395.7	505.7	5,593.7	—	6,099.5	413.2	434.4	222.3	763.9	—	986.2
May	1,338.1	1,406.9	W	5,536.6	W	6,091.4	421.4	439.5	W	W	—	969.8
June	1,344.4	1,414.5	521.6	5,652.5	—	6,174.1	428.1	448.9	W	W	—	1,001.6
July	1,314.9	1,386.1	W	5,604.8	W	6,448.8	421.1	440.6	W	W	—	1,014.4
August	1,293.3	1,363.1	500.7	5,581.0	—	6,081.7	412.3	432.8	217.2	771.8	—	989.0
September	1,238.5	1,305.6	W	5,406.6	W	5,929.5	400.4	419.7	W	W	—	940.7
October	1,264.4	1,330.5	527.2	5,504.8	—	6,032.0	416.5	436.7	222.7	757.2	—	979.9
November	1,206.5	1,273.0	W	5,292.1	W	5,862.0	398.0	415.7	W	W	—	926.0
December	1,197.7	1,258.1	W	5,488.6	W	6,147.9	390.8	409.4	W	W	—	982.1
1998 Average	1,272.3	1,340.8	W	5,468.9	W	6,033.2	403.8	423.3	217.5	748.3	—	965.9
North Carolina												
January	497.7	589.3	W	5,902.5	W	6,133.3	138.3	141.3	W	W	—	1,186.5
February	514.0	613.1	W	W	—	6,155.0	142.9	147.2	W	W	—	1,196.9
March	537.5	638.7	W	6,273.7	W	6,369.5	147.6	150.6	W	W	—	1,222.3
April	534.9	633.4	W	W	—	6,582.8	149.6	153.9	W	W	—	1,225.6
May	531.8	628.7	W	6,446.1	W	6,512.9	153.8	158.1	W	W	—	1,234.5
June	549.9	647.2	W	6,705.1	W	6,846.5	160.3	164.8	W	W	—	1,273.4
July	553.0	653.3	W	6,540.9	W	6,584.3	160.5	163.9	W	W	—	1,283.3
August	541.5	635.6	W	W	—	6,585.0	159.7	163.3	W	W	—	1,243.3
September	517.1	613.8	W	W	—	6,514.4	155.5	158.7	W	W	—	1,205.5
October	518.5	616.0	W	W	—	6,424.9	158.3	161.5	W	W	—	1,224.3
November	503.4	593.2	W	6,207.3	W	6,304.4	154.7	158.8	W	W	—	1,177.1
December	513.5	601.7	W	6,364.4	W	6,439.5	158.3	161.9	W	W	—	1,227.5
1998 Average	526.2	622.1	W	6,380.2	W	6,455.7	153.4	157.1	W	W	—	1,225.3

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
Subdistrict IC												
January	1,820.8	1,904.9	W	6,974.8	W	9,578.4	9,575.4	10,109.8	7,631.4	35,400.2	1,031.2	44,062.8
February	1,954.7	2,047.0	2,535.8	7,237.4	187.0	9,960.2	10,009.4	10,597.5	8,072.3	36,247.1	750.5	45,070.0
March	2,077.8	2,167.5	W	7,715.2	W	10,347.7	10,404.9	10,961.5	8,133.7	37,726.8	416.9	46,277.5
April	2,054.2	2,164.8	2,555.5	7,882.2	105.0	10,542.7	10,380.2	10,964.0	8,143.1	38,651.2	NA	47,195.7
May	2,071.9	2,159.6	2,539.9	7,778.4	81.5	10,399.8	10,278.3	10,829.0	8,057.6	37,818.4	NA	46,330.5
June	2,092.7	2,187.1	W	8,030.5	W	10,768.4	10,422.4	10,976.5	8,190.2	38,831.6	626.5	47,648.3
July	2,099.1	2,189.3	2,568.9	8,168.5	167.5	10,904.9	10,341.5	10,899.3	8,101.4	38,688.8	907.2	47,697.4
August	2,144.2	2,233.3	W	8,202.8	W	10,775.2	10,357.5	10,875.5	7,941.1	38,791.2	NA	47,246.0
September	2,085.7	2,175.8	2,507.3	8,053.8	120.2	10,681.3	9,976.6	10,506.1	7,774.5	37,840.5	595.1	46,210.1
October	2,134.9	2,220.7	W	8,049.2	W	10,706.6	10,332.6	10,874.3	8,165.4	38,057.7	NA	46,512.1
November	2,124.2	2,209.9	W	8,012.3	W	10,637.9	10,077.4	10,588.8	7,881.6	37,164.8	866.8	45,913.2
December	2,227.6	2,315.2	2,597.1	8,536.3	147.4	11,280.8	10,242.5	10,755.8	7,934.3	38,506.5	NA	47,809.0
1998 Average	2,074.8	2,165.3	2,542.1	7,890.9	119.3	10,552.3	10,201.3	10,745.9	8,001.7	37,819.8	685.2	46,506.8
Florida												
January	995.0	1,022.0	W	1,861.8	W	3,484.0	4,605.2	4,796.7	4,488.9	9,260.0	422.3	14,171.1
February	1,069.1	1,098.6	W	1,913.1	W	3,624.9	4,854.7	5,076.4	4,809.6	W	W	14,500.3
March	1,130.6	1,154.8	1,616.5	2,028.3	—	3,644.8	5,004.6	5,195.2	W	9,710.6	W	14,608.7
April	1,114.0	1,143.5	1,591.2	W	W	3,650.4	4,921.9	5,134.9	W	9,536.6	W	14,414.9
May	1,108.7	1,133.0	1,571.0	W	W	3,559.5	4,751.2	4,945.3	W	9,209.5	W	13,928.8
June	1,111.6	1,137.3	1,586.8	W	W	3,689.3	4,799.4	4,975.4	W	9,193.6	W	14,081.0
July	1,103.8	1,128.4	1,556.6	W	W	3,545.9	4,708.1	4,889.8	W	9,059.3	W	13,728.1
August	1,128.5	1,151.2	1,554.5	1,972.3	—	3,526.8	4,752.2	4,911.4	W	9,126.2	W	13,819.7
September	1,097.0	1,122.0	W	1,901.9	W	3,470.6	4,570.0	4,742.2	4,392.1	8,969.8	198.8	13,560.8
October	1,144.9	1,168.7	1,573.9	W	W	3,596.7	4,856.6	5,040.4	W	9,269.5	W	14,054.5
November	1,143.0	1,167.7	1,555.1	W	W	3,607.2	4,783.7	4,952.0	4,553.2	9,294.6	384.2	14,232.0
December	1,194.2	1,218.3	1,589.8	2,162.5	NA	3,791.6	4,890.4	5,070.3	4,603.0	9,723.4	NA	14,852.7
1998 Average	1,112.0	1,137.4	1,567.2	1,978.9	53.0	3,599.1	4,791.2	4,977.0	4,633.3	9,311.2	216.4	14,160.9
Georgia												
January	338.2	358.9	251.2	1,413.4	—	1,664.6	1,898.7	2,005.6	949.4	W	W	8,310.2
February	362.2	385.0	263.9	1,461.5	—	1,725.4	1,981.3	2,096.3	978.6	7,442.7	—	8,421.3
March	401.5	425.9	272.4	1,594.5	—	1,866.9	2,106.7	2,221.9	992.5	7,833.2	—	8,825.7
April	399.4	421.7	NA	1,606.0	—	1,878.2	2,136.9	2,251.8	1,000.2	7,963.7	—	8,963.9
May	405.2	429.8	W	W	—	1,879.5	2,164.7	2,276.3	W	7,893.0	W	8,940.7
June	406.3	429.5	W	W	W	1,974.8	2,178.9	2,292.9	W	8,098.4	W	9,150.6
July	404.0	424.5	NA	1,684.2	—	1,959.7	2,140.1	2,251.3	1,008.9	W	W	9,422.9
August	411.4	435.5	NA	1,669.5	—	1,944.2	2,116.9	2,231.4	992.5	8,022.3	—	9,014.8
September	401.4	424.8	W	W	—	1,913.8	2,040.3	2,150.1	W	7,780.4	W	8,784.1
October	400.7	423.4	NA	1,651.0	—	1,937.3	2,081.5	2,190.7	1,036.2	7,913.0	—	8,949.2
November	398.0	420.8	NA	1,645.2	—	1,917.5	2,002.5	2,109.6	969.2	W	W	8,705.5
December	414.7	438.2	NA	1,777.5	—	2,060.6	2,003.3	2,105.7	989.7	W	W	9,190.5
1998 Average	395.5	418.4	W	1,619.7	W	1,894.6	2,071.5	2,182.5	992.8	7,836.9	63.9	8,893.7
North Carolina												
January	118.9	135.4	W	W	—	1,806.1	754.8	866.0	W	8,872.9	W	9,125.9
February	134.3	150.9	W	W	—	1,874.4	791.3	911.2	W	W	—	9,226.2
March	136.9	154.9	W	W	—	1,972.0	822.1	944.3	W	9,445.4	W	9,563.8
April	133.4	153.0	W	W	—	2,042.7	818.0	940.2	W	W	—	9,851.1
May	142.2	159.4	W	W	W	2,028.1	827.8	946.2	W	9,677.3	W	9,775.5
June	144.2	161.8	W	W	—	2,115.1	854.4	973.8	W	10,069.7	W	10,235.0
July	148.2	165.5	W	W	W	2,194.2	861.8	982.7	W	9,960.1	W	10,061.8
August	159.4	177.2	W	W	—	2,153.2	860.6	976.1	W	W	—	9,981.5
September	148.5	165.4	W	W	—	2,168.4	821.1	937.9	W	W	—	9,888.3
October	149.6	165.9	W	W	—	2,127.8	826.4	943.3	W	W	—	9,777.0
November	147.3	162.7	W	W	W	2,103.1	805.3	914.7	W	9,458.8	W	9,584.6
December	153.6	169.5	W	W	W	2,252.0	825.5	933.1	W	8,808.0	W	9,919.0
1998 Average	143.1	160.2	W	W	W	2,071.0	822.6	939.3	W	9,648.4	W	9,751.9

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	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
South Carolina												
January	571.5	604.9	W	W	—	2,908.4	140.9	146.6	W	W	—	472.7
February	583.1	617.7	W	W	—	2,947.1	150.4	156.6	W	W	—	487.1
March	591.3	626.6	W	W	—	3,067.1	154.9	161.4	W	W	—	508.0
April	585.9	622.2	W	W	—	3,178.1	156.6	162.7	W	W	—	524.7
May	587.9	622.4	W	W	—	3,139.3	158.5	164.6	W	W	—	515.5
June	603.2	641.6	W	W	—	3,284.3	160.7	167.5	W	W	—	552.6
July	603.9	645.2	W	W	—	3,194.4	161.7	169.1	W	W	—	564.5
August	598.9	639.7	W	3,120.9	W	3,261.8	157.4	164.8	W	W	—	540.9
September	557.1	597.4	W	W	—	3,196.5	151.4	159.1	W	W	—	492.7
October	561.3	603.2	W	W	—	3,118.4	156.0	162.7	W	W	—	514.0
November	548.4	589.3	W	W	—	3,015.2	151.9	158.6	W	W	—	501.5
December	556.7	594.9	W	3,027.4	W	3,185.3	152.9	160.2	W	W	—	505.7
1998 Average	579.1	617.1	W	3,019.7	W	3,125.6	154.5	161.2	W	W	—	515.2
Virginia												
January	602.2	640.8	1,047.4	W	W	4,973.3	166.3	176.6	351.6	648.0	—	999.6
February	617.1	659.9	1,082.4	W	W	5,294.8	170.7	182.2	356.5	664.8	—	1,021.3
March	641.0	682.5	W	4,006.1	W	5,319.2	177.7	188.1	353.4	683.5	—	1,036.9
April	662.4	695.8	1,136.2	W	W	5,649.2	182.2	188.4	W	W	—	1,102.4
May	683.9	727.6	W	4,204.5	W	5,595.8	188.3	198.5	365.6	722.5	—	1,088.1
June	706.5	759.8	1,161.1	W	W	5,800.9	191.0	197.4	W	W	—	1,131.7
July	707.0	756.4	1,167.6	W	W	5,916.0	193.4	198.9	378.9	766.3	—	1,145.2
August	691.9	731.6	1,127.9	W	W	5,875.3	191.6	197.2	367.6	785.3	—	1,152.9
September	674.3	712.9	1,123.6	W	W	5,674.8	188.8	197.1	W	W	—	1,090.1
October	670.8	709.5	1,136.1	W	W	5,578.4	193.0	202.8	W	W	—	1,095.4
November	650.0	684.6	1,079.9	4,062.1	NA	5,423.9	188.5	198.8	362.9	702.5	—	1,065.4
December	643.3	678.4	1,066.9	W	W	5,537.3	187.3	197.0	354.3	706.6	—	1,060.9
1998 Average	662.8	703.6	1,114.9	4,151.5	NA	5,554.4	185.0	193.7	363.3	719.5	—	1,082.8
West Virginia												
January	372.5	386.1	28.5	389.8	—	418.3	94.6	97.9	W	W	—	59.5
February	376.3	386.9	31.8	349.1	—	380.8	95.6	97.8	W	W	—	55.6
March	397.6	407.5	W	W	—	423.0	100.2	102.2	W	W	—	61.0
April	405.1	415.5	W	W	—	480.6	103.9	105.9	W	W	—	59.5
May	397.5	406.0	W	W	—	356.2	102.8	104.8	W	W	—	57.7
June	395.7	405.2	W	W	—	364.5	102.0	104.2	W	W	—	58.5
July	416.2	426.2	W	W	—	393.1	106.3	108.8	W	W	—	66.4
August	435.0	443.9	W	W	—	380.3	108.1	110.0	W	W	—	67.7
September	429.2	437.8	W	W	—	336.0	105.8	107.9	W	W	—	58.3
October	439.1	448.4	W	W	—	315.1	108.4	110.6	W	W	—	65.2
November	407.1	416.4	W	W	—	320.2	104.1	105.9	W	W	—	54.9
December	411.8	419.6	W	W	—	324.2	106.3	107.6	W	W	—	56.8
1998 Average	407.1	416.9	27.0	347.3	—	374.3	103.2	105.4	W	W	—	60.2
PAD District II												
January	13,409.4	13,834.2	6,995.0	46,841.5	6,859.1	60,695.6	3,372.1	3,402.4	1,903.5	4,054.5	—	5,958.1
February	14,284.5	14,734.4	7,236.1	48,191.8	5,064.9	60,492.8	2,945.0	2,975.8	1,925.6	4,072.0	—	5,997.5
March	14,536.7	15,051.1	7,360.2	48,929.9	6,012.4	62,302.5	2,930.7	2,962.5	1,980.9	4,287.2	—	6,268.1
April	14,444.5	14,928.8	7,550.0	51,977.1	6,271.1	65,798.2	2,887.9	2,922.5	1,984.7	4,339.6	—	6,324.3
May	14,544.5	15,018.9	7,679.8	53,274.0	5,435.7	66,389.5	2,892.2	2,923.3	2,019.2	4,337.3	—	6,356.5
June	14,935.4	15,424.4	7,835.6	56,053.8	5,721.6	69,611.0	2,991.3	3,027.3	2,000.3	4,585.3	—	6,585.6
July	15,136.0	15,578.8	7,772.0	55,884.6	4,795.8	68,452.4	3,053.6	3,092.1	2,016.5	4,768.4	—	6,784.9
August	15,088.7	15,566.1	7,570.4	52,961.2	5,712.4	66,244.0	3,041.8	3,076.3	1,986.5	4,649.9	—	6,636.4
September	14,174.1	14,641.9	7,440.9	51,998.4	6,049.7	65,489.0	2,930.2	2,967.2	1,920.8	4,620.0	—	6,540.9
October	14,288.9	14,797.7	7,637.2	52,224.7	5,429.5	65,291.5	3,175.3	3,208.5	1,961.8	4,731.5	—	6,693.2
November	14,159.2	14,620.0	7,085.1	50,976.6	5,434.5	63,496.2	3,073.0	3,101.9	1,936.3	4,615.6	—	6,551.9
December	14,189.5	14,642.1	7,172.0	52,871.9	7,247.0	67,290.9	3,051.9	3,079.3	1,980.3	4,550.6	—	6,530.9
1998 Average	14,433.9	14,904.6	7,445.9	51,869.0	5,842.1	65,157.0	3,030.1	3,062.9	1,968.5	4,470.1	—	6,438.6

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
South Carolina												
January	123.5	131.6	W	W	—	761.2	836.0	883.2	W	W	—	4,142.4
February	133.2	142.5	W	791.5	W	851.1	866.7	916.9	W	4,128.1	W	4,285.3
March	139.5	149.6	W	W	—	871.9	885.7	937.6	W	W	—	4,447.0
April	133.2	143.8	W	W	—	897.6	875.8	928.7	W	W	—	4,600.4
May	138.5	148.2	W	W	—	895.8	884.9	935.2	W	W	—	4,550.5
June	141.5	152.3	W	W	—	953.1	905.5	961.5	W	W	—	4,789.9
July	145.0	156.9	W	933.2	W	995.0	910.7	971.3	W	4,562.8	W	4,753.9
August	143.6	155.4	W	W	—	963.7	899.8	959.9	W	4,574.2	W	4,766.4
September	136.9	149.0	W	W	—	949.7	845.3	905.5	W	W	—	4,638.9
October	135.8	145.4	W	W	—	945.5	853.1	911.4	W	W	—	4,577.9
November	138.1	147.7	W	898.8	W	936.8	838.4	895.6	W	4,290.5	W	4,453.5
December	145.4	155.4	W	W	W	1,055.5	855.0	910.5	W	4,476.3	W	4,746.5
1998 Average	137.9	148.2	W	W	11.3	923.5	871.5	926.5	W	W	W	4,564.4
Virginia												
January	191.5	201.1	590.4	W	W	1,775.0	959.9	1,018.5	1,989.4	5,418.6	339.9	7,748.0
February	200.0	211.0	622.6	W	W	1,802.9	987.8	1,053.1	2,061.6	5,654.8	402.5	8,118.9
March	209.0	220.3	W	1,202.6	W	1,903.1	1,027.8	1,090.9	2,101.7	5,892.3	265.2	8,259.2
April	213.0	239.9	W	1,264.7	W	1,976.3	1,057.6	1,124.1	W	6,292.4	W	8,727.9
May	217.6	228.0	W	1,250.1	W	1,962.4	1,089.8	1,154.2	2,154.3	6,177.1	NA	8,646.4
June	230.6	246.1	668.9	1,290.8	—	1,959.7	1,128.1	1,203.3	W	6,373.3	W	8,892.3
July	233.9	247.7	685.9	W	W	2,126.7	1,134.3	1,203.0	2,232.3	6,529.1	426.4	9,187.9
August	234.0	245.1	664.4	W	W	2,095.9	1,117.5	1,174.0	2,159.9	6,649.4	NA	9,124.1
September	236.0	246.9	W	1,361.1	W	2,097.4	1,099.1	1,156.9	W	6,342.7	W	8,862.3
October	237.2	249.0	W	1,326.5	W	2,014.7	1,101.0	1,161.3	W	6,316.5	W	8,688.5
November	232.5	244.1	666.1	1,294.8	NA	1,993.7	1,071.1	1,127.6	2,108.9	6,059.4	NA	8,483.0
December	251.9	264.5	673.0	W	W	2,036.7	1,082.5	1,139.8	2,094.2	6,040.8	NA	8,634.9
1998 Average	224.1	237.1	654.9	1,277.2	47.7	1,979.9	1,071.9	1,134.3	2,133.1	6,148.2	NA	8,617.1
West Virginia												
January	53.8	55.9	W	W	—	87.5	520.8	539.8	46.9	518.4	—	565.3
February	55.9	58.9	W	W	—	81.5	527.7	543.6	51.5	466.4	—	517.9
March	60.2	62.0	W	W	—	89.1	558.0	571.6	W	W	—	573.1
April	61.1	62.9	W	W	—	97.3	570.1	584.2	W	W	—	637.5
May	59.7	61.3	W	W	—	74.6	560.0	572.0	W	W	—	488.5
June	58.4	60.1	W	W	—	76.4	556.1	569.6	W	W	—	499.4
July	64.1	66.2	W	W	—	83.4	586.6	601.2	W	W	—	542.9
August	67.3	68.8	W	W	—	91.3	610.4	622.7	W	W	—	539.3
September	65.9	67.7	W	W	—	81.4	600.8	613.4	W	W	—	475.7
October	66.6	68.3	W	W	—	84.5	614.1	627.3	W	W	—	464.9
November	65.3	66.9	W	W	—	79.6	576.5	589.3	W	W	—	454.6
December	67.8	69.3	W	W	—	84.3	585.9	596.5	W	W	—	465.3
1998 Average	62.2	64.1	W	W	—	84.3	572.6	586.3	W	W	—	518.7
PAD District II												
January	2,574.9	2,635.3	2,022.4	8,082.1	267.9	10,372.5	19,356.5	19,871.9	10,920.9	58,978.2	7,127.0	77,026.1
February	2,439.3	2,500.3	2,047.4	7,846.7	274.3	10,168.4	19,668.8	20,210.5	11,209.1	60,110.5	5,339.1	76,658.8
March	2,489.6	2,561.1	2,137.9	8,212.4	271.5	10,621.7	19,957.0	20,574.8	11,479.0	61,429.5	6,283.9	79,192.4
April	2,368.7	2,432.3	2,156.2	8,453.8	262.3	10,872.3	19,701.0	20,283.6	11,690.9	64,770.6	6,533.4	82,994.8
May	2,339.1	2,405.7	2,171.3	8,909.2	171.8	11,252.4	19,775.9	20,347.9	11,870.3	66,520.5	5,607.5	83,998.4
June	2,423.5	2,490.2	2,243.7	9,315.4	181.2	11,740.4	20,350.2	20,942.0	12,079.6	69,954.5	5,902.8	87,937.0
July	2,524.1	2,589.7	2,293.5	9,696.7	411.1	12,401.3	20,713.7	21,260.6	12,082.0	70,349.7	5,206.9	87,638.6
August	2,582.5	2,653.8	2,299.2	9,365.7	381.2	12,046.1	20,713.0	21,296.1	11,856.1	66,976.8	6,093.5	84,926.5
September	2,462.3	2,537.0	2,249.1	9,160.9	337.1	11,747.1	19,566.5	20,146.2	11,610.8	65,779.3	6,386.8	83,777.0
October	2,530.2	2,607.1	2,285.9	8,937.5	343.5	11,566.9	19,994.3	20,613.3	11,884.8	65,893.7	5,773.0	83,551.6
November	2,591.5	2,661.5	2,249.8	9,047.6	366.4	11,663.7	19,823.7	20,383.4	11,271.2	64,639.7	5,800.9	81,711.8
December	2,715.4	2,787.2	2,383.1	9,960.7	347.1	12,690.9	19,956.7	20,508.6	11,535.4	67,383.3	7,594.1	86,512.7
1998 Average	2,504.4	2,572.8	2,212.8	8,923.7	301.7	11,438.1	19,968.4	20,540.3	11,627.2	65,262.7	6,143.8	83,033.7

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
Illinois												
January	1,971.3	1,985.3	1,434.4	4,612.8	1,749.8	7,797.0	751.0	752.5	567.4	385.4	—	952.8
February	2,127.2	2,140.5	W	4,714.7	W	7,601.1	520.9	521.4	575.2	428.5	—	1,003.7
March	2,182.9	2,197.2	W	4,864.4	W	7,619.3	504.4	504.7	593.9	505.5	—	1,099.4
April	2,194.1	2,208.9	W	5,120.0	W	7,935.8	492.0	492.5	599.3	482.6	—	1,081.9
May	2,189.4	2,205.4	1,584.9	5,235.5	1,088.9	7,909.3	490.9	491.7	602.1	438.8	—	1,040.9
June	2,317.3	2,330.8	1,650.9	5,169.7	1,630.7	8,451.4	519.5	520.1	584.3	436.9	—	1,021.2
July	2,277.1	2,293.3	W	5,142.2	W	7,993.0	529.0	529.7	628.1	498.7	—	1,126.8
August	2,251.1	2,266.2	W	5,202.2	W	8,525.8	527.2	528.0	592.3	547.9	—	1,140.2
September	2,135.6	2,149.1	W	5,093.6	W	8,005.6	511.7	512.3	580.1	517.3	—	1,097.4
October	2,149.3	2,161.5	1,546.0	W	W	8,144.5	602.4	603.0	595.9	578.2	—	1,174.1
November	2,173.9	2,182.9	W	4,969.4	W	7,922.3	561.3	561.8	589.6	583.8	—	1,173.3
December	2,227.2	2,240.8	W	5,337.9	W	8,189.1	525.8	526.3	609.6	445.1	—	1,054.7
1998 Average	2,183.2	2,197.0	1,540.6	5,061.0	1,408.8	8,010.4	545.1	545.8	593.3	487.7	—	1,081.0
Indiana												
January	1,071.9	1,091.2	W	3,164.5	W	4,119.8	336.3	336.5	154.8	381.9	—	536.7
February	1,151.9	1,171.5	638.3	3,461.6	473.4	4,573.3	259.0	259.5	160.4	380.4	—	540.7
March	1,157.7	1,180.6	W	3,478.3	W	4,635.5	250.6	251.1	161.6	408.4	—	570.0
April	1,201.9	1,221.1	662.2	3,772.3	NA	4,825.6	244.5	245.6	162.4	445.9	—	608.3
May	1,215.5	1,237.2	671.0	4,093.6	741.2	5,505.7	244.9	245.4	171.7	455.7	—	627.5
June	1,275.9	1,295.6	683.6	W	W	5,368.2	254.5	254.9	162.8	476.7	—	639.5
July	1,272.7	1,290.0	681.5	W	W	5,372.1	259.7	260.1	166.5	502.4	—	668.8
August	1,309.9	1,333.3	W	4,070.5	W	5,145.8	269.4	269.8	164.5	466.9	—	631.4
September	1,178.3	1,195.9	W	3,974.8	W	5,010.8	253.1	253.5	157.7	471.5	—	629.3
October	1,198.3	1,219.3	643.9	3,947.7	369.3	4,960.8	296.0	296.0	160.5	475.6	—	636.1
November	1,168.0	1,210.8	629.4	3,881.1	NA	4,812.0	281.6	281.6	159.6	451.5	—	611.0
December	1,140.2	1,163.5	624.4	4,093.4	803.8	5,521.6	262.6	262.6	160.3	475.8	—	636.1
1998 Average	1,195.4	1,217.7	649.1	3,881.0	460.8	4,990.8	267.9	268.2	161.9	449.8	—	611.8
Iowa												
January	175.7	179.5	W	W	—	2,596.6	5.6	5.6	W	W	—	312.1
February	171.2	174.0	W	2,523.9	W	2,651.0	4.5	4.5	W	W	—	300.9
March	170.2	173.5	W	W	—	2,574.8	4.9	4.9	W	W	—	322.7
April	161.5	163.6	NA	2,917.0	—	3,010.3	5.5	5.5	W	W	—	325.3
May	146.1	149.2	NA	3,167.2	—	3,265.9	5.1	5.1	NA	285.8	—	312.4
June	139.8	142.9	NA	3,296.9	—	3,397.9	W	W	NA	294.2	—	320.9
July	W	132.9	NA	3,365.8	—	3,463.6	W	W	NA	301.9	—	327.8
August	W	136.9	NA	2,982.1	—	3,074.5	W	W	W	W	—	342.1
September	W	W	W	W	—	3,072.5	W	W	W	W	—	355.3
October	W	127.4	NA	2,942.8	—	3,036.1	W	W	W	W	—	370.6
November	W	W	W	W	—	2,947.3	W	W	W	W	—	393.3
December	W	W	NA	2,885.0	—	2,970.9	W	W	W	W	—	376.7
1998 Average	143.3	146.0	NA	W	W	3,006.9	5.5	5.5	W	W	—	338.5
Kansas												
January	456.2	470.7	W	W	661.8	3,331.1	48.1	48.1	W	W	—	65.3
February	459.5	473.1	W	W	439.7	3,131.4	46.8	46.8	W	W	—	60.8
March	469.3	485.5	W	W	651.5	3,298.0	49.8	49.8	W	W	—	66.5
April	381.9	396.6	NA	W	W	3,271.4	41.2	41.2	W	W	—	NA
May	370.7	386.1	NA	W	W	3,319.7	40.8	40.8	W	W	—	NA
June	396.3	411.9	W	2,651.8	W	3,541.5	44.6	44.6	W	W	—	74.6
July	469.2	479.5	W	2,488.4	W	3,191.0	50.0	50.1	W	W	—	72.7
August	465.9	479.7	NA	W	W	3,181.2	51.5	51.5	W	W	—	73.7
September	452.4	466.3	W	2,430.0	W	3,076.1	50.8	51.1	W	W	—	NA
October	453.4	473.4	W	2,360.5	W	3,050.3	51.9	52.7	27.4	40.3	—	NA
November	463.8	478.4	NA	2,347.0	856.1	3,303.6	57.7	58.5	W	W	—	77.7
December	469.3	479.9	W	2,546.5	W	3,525.1	58.3	59.1	W	W	—	84.9
1998 Average	442.4	456.8	NA	W	W	3,269.2	49.3	49.6	W	W	—	70.8

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Illinois												
January	550.9	554.5	666.0	774.1	137.5	1,577.6	3,273.2	3,292.2	2,667.8	5,772.3	1,887.3	10,327.5
February	496.8	500.1	W	742.3	W	1,585.3	3,144.8	3,162.0	2,748.8	5,885.5	1,555.8	10,190.1
March	496.0	500.5	W	791.5	W	1,579.1	3,183.3	3,202.4	2,829.6	6,161.3	1,306.9	10,297.8
April	471.5	475.3	W	798.2	W	1,565.8	3,157.6	3,176.7	2,899.0	6,400.8	1,283.7	10,583.5
May	467.2	473.1	706.1	832.3	—	1,538.4	3,147.5	3,170.2	2,893.1	6,506.6	1,088.9	10,488.5
June	488.2	492.7	739.9	839.6	69.7	1,649.2	3,325.0	3,343.6	2,975.1	6,446.3	1,700.4	11,121.8
July	502.3	506.7	W	850.0	W	1,720.2	3,308.4	3,329.7	2,940.7	6,490.9	1,408.4	10,840.0
August	502.6	506.8	W	922.1	W	1,713.5	3,280.9	3,301.1	2,863.1	6,672.2	1,844.1	11,379.4
September	480.4	485.6	W	857.9	W	1,604.9	3,127.8	3,147.1	2,807.5	6,468.9	1,431.7	10,708.0
October	520.3	525.8	729.7	W	W	1,746.1	3,272.0	3,290.3	2,871.6	6,718.6	1,474.5	11,064.7
November	518.9	522.9	W	885.0	W	1,668.6	3,254.0	3,267.6	2,814.7	6,438.2	1,511.3	10,764.2
December	517.3	522.5	W	959.1	W	1,755.8	3,270.2	3,289.5	2,923.0	6,742.1	1,334.6	10,999.6
1998 Average	501.2	505.7	719.5	847.0	76.2	1,642.7	3,229.6	3,248.6	2,853.4	6,395.6	1,485.1	10,734.2
Indiana												
January	240.4	240.5	W	636.9	W	827.5	1,648.6	1,668.2	927.5	4,183.3	373.2	5,483.9
February	222.7	223.1	182.6	642.5	—	825.1	1,633.6	1,654.1	981.3	4,484.5	473.4	5,939.1
March	222.1	222.1	W	685.1	W	898.9	1,630.4	1,653.8	1,003.6	4,571.8	529.0	6,104.4
April	201.5	201.5	191.7	703.1	—	894.8	1,647.9	1,668.3	1,016.2	4,921.3	NA	6,328.6
May	191.5	191.7	195.5	738.0	—	933.5	1,651.8	1,674.3	1,038.3	5,287.3	741.2	7,066.7
June	204.3	204.5	199.9	W	W	994.4	1,734.8	1,755.0	1,046.3	5,559.8	396.1	7,002.2
July	211.7	211.9	210.0	W	W	1,067.3	1,744.2	1,762.0	1,058.0	5,636.5	413.7	7,108.3
August	223.3	223.4	W	804.8	W	1,053.0	1,802.5	1,826.5	1,033.6	5,342.2	454.5	6,830.3
September	204.6	204.8	W	796.9	W	1,034.5	1,636.0	1,654.2	1,001.3	5,243.3	430.0	6,674.5
October	224.2	224.5	201.7	775.8	—	977.5	1,718.5	1,739.8	1,006.1	5,199.1	369.3	6,574.4
November	226.0	226.1	205.4	795.7	—	1,001.1	1,675.6	1,718.4	994.4	5,128.3	NA	6,424.2
December	222.3	222.9	213.0	870.6	102.1	1,185.7	1,625.1	1,649.0	997.7	5,439.8	905.9	7,343.4
1998 Average	216.2	216.4	197.9	755.8	21.9	975.6	1,679.5	1,702.4	1,008.9	5,086.6	482.7	6,578.2
Iowa												
January	15.6	15.6	W	W	—	236.1	196.9	200.6	W	W	—	3,144.9
February	15.1	15.1	W	W	—	228.2	190.9	193.6	W	3,012.4	W	3,180.1
March	15.8	16.1	W	W	—	238.9	190.8	194.5	W	W	—	3,136.4
April	15.1	15.4	W	W	—	260.3	182.1	184.5	W	W	—	3,595.9
May	15.2	15.5	NA	259.3	—	276.9	166.4	169.7	NA	3,712.4	—	3,855.2
June	W	W	NA	278.6	—	297.6	158.2	161.6	NA	3,869.8	—	4,016.4
July	13.4	W	NA	289.5	—	308.3	149.5	151.8	NA	3,957.2	—	4,099.7
August	13.9	W	W	W	—	253.5	154.3	157.0	W	W	—	3,670.1
September	13.2	13.4	W	W	—	234.2	143.2	145.1	W	W	—	3,662.0
October	13.0	W	W	W	—	222.2	143.8	146.3	W	W	—	3,628.9
November	12.9	13.0	W	W	—	230.0	141.3	144.5	W	W	—	3,570.6
December	13.5	13.6	W	W	—	252.5	140.7	143.2	W	W	—	3,600.1
1998 Average	14.2	14.4	NA	236.1	—	253.4	163.0	165.9	W	3,460.3	W	3,598.8
Kansas												
January	54.7	55.9	W	245.4	W	300.5	559.0	574.7	W	2,842.5	W	3,696.8
February	53.0	54.4	W	244.8	W	273.8	559.2	574.3	W	2,860.3	W	3,466.0
March	60.5	62.3	W	258.9	W	289.0	579.5	597.6	W	2,833.3	W	3,653.5
April	48.8	50.5	W	W	W	271.2	472.0	488.3	NA	W	W	3,607.5
May	48.1	50.2	W	266.5	W	333.3	459.6	477.0	NA	2,847.4	710.0	3,723.4
June	54.8	56.2	W	W	W	337.3	495.7	512.7	W	2,966.6	W	3,953.4
July	59.1	60.4	W	W	W	334.5	578.3	590.0	W	2,810.0	W	3,598.3
August	60.6	62.0	W	W	W	422.6	578.0	593.1	NA	W	W	3,677.5
September	59.3	60.6	W	W	W	357.2	562.6	578.0	W	2,740.2	W	3,502.7
October	58.2	59.9	W	252.2	W	293.9	563.4	586.0	W	2,653.0	W	3,411.9
November	62.3	63.6	W	W	W	359.8	583.8	600.5	NA	W	W	3,741.0
December	66.9	68.0	W	W	W	375.0	594.5	607.1	W	W	917.9	3,985.1
1998 Average	57.2	58.7	W	W	W	329.4	548.9	565.1	NA	2,803.5	701.6	3,669.4

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
Kentucky												
January	537.7	581.4	116.5	2,873.6	—	2,990.1	126.3	128.5	W	W	—	372.3
February	530.6	577.5	116.1	2,826.6	—	2,942.7	126.5	128.6	W	W	—	392.1
March	580.6	631.0	128.8	3,095.5	—	3,224.4	136.9	139.0	W	W	—	400.9
April	590.9	644.1	130.6	W	W	3,388.5	137.5	139.7	W	W	—	401.9
May	583.6	626.2	130.5	W	W	3,237.9	136.8	139.5	W	W	—	418.0
June	580.2	626.4	132.1	3,126.8	—	3,258.9	134.0	137.4	W	W	—	468.0
July	588.9	628.3	134.8	2,862.9	—	2,997.7	137.2	140.3	W	W	—	462.3
August	592.9	635.2	126.5	W	W	3,230.4	137.1	140.3	W	W	—	449.3
September	549.6	594.0	128.8	W	W	3,197.8	130.1	133.4	W	W	—	429.5
October	555.8	609.6	W	3,004.8	W	3,279.1	133.4	136.0	W	W	—	445.3
November	508.9	556.1	127.6	2,849.0	—	2,976.6	131.4	133.1	W	W	—	436.6
December	548.4	590.4	126.3	3,005.5	—	3,131.8	137.3	138.4	W	W	—	429.0
1998 Average	562.7	608.6	W	2,995.5	W	3,155.8	133.8	136.3	W	W	—	425.6
Michigan												
January	2,008.1	2,097.0	1,733.9	5,324.1	—	7,058.0	395.4	397.4	389.4	277.9	—	667.2
February	2,310.3	2,412.8	1,795.6	5,606.0	—	7,401.6	366.9	369.0	402.5	260.6	—	663.1
March	2,330.6	2,455.4	1,788.4	5,734.1	—	7,522.5	359.0	361.8	409.0	269.0	—	678.0
April	2,384.9	2,492.8	1,786.6	6,062.6	NA	7,873.3	356.1	357.9	W	W	—	679.4
May	2,405.8	2,520.5	W	6,227.9	W	8,174.0	362.6	365.1	414.8	284.0	—	698.8
June	2,512.6	2,626.1	1,864.8	6,764.6	NA	8,652.5	384.1	386.6	423.7	319.6	—	743.3
July	2,446.4	2,540.5	1,800.1	7,019.9	NA	8,839.5	371.6	374.6	409.5	358.3	—	767.8
August	2,548.5	2,662.5	1,756.8	5,863.4	—	7,620.3	378.5	380.9	406.8	320.8	—	727.6
September	2,353.6	2,469.3	1,759.4	5,707.5	—	7,466.9	368.4	371.8	399.5	295.0	—	694.5
October	2,401.0	2,519.9	1,815.1	5,621.2	—	7,436.3	415.8	418.2	406.5	277.7	—	684.2
November	2,395.9	2,503.4	1,743.4	5,995.0	—	7,738.4	374.3	376.4	399.8	276.0	—	675.8
December	2,391.1	2,491.3	1,747.3	6,088.3	—	7,835.6	394.9	396.6	407.4	280.9	—	688.3
1998 Average	2,374.2	2,482.8	W	6,003.0	W	7,803.4	377.5	379.8	406.4	291.2	—	697.6
Minnesota												
January	875.1	890.6	W	3,132.3	W	3,620.6	165.3	165.6	W	W	—	546.0
February	882.4	898.2	W	3,136.5	W	3,679.0	155.5	155.8	W	W	—	565.1
March	870.5	887.8	W	2,971.4	W	3,522.2	154.2	154.5	W	W	—	539.6
April	869.5	884.8	W	3,284.4	W	3,924.5	162.4	162.7	W	W	—	597.2
May	875.5	890.3	W	3,444.3	W	4,019.6	158.8	158.8	W	W	—	548.3
June	910.4	924.4	W	3,862.3	W	4,416.0	163.7	163.7	W	W	—	593.3
July	904.9	919.6	W	3,810.8	W	4,465.1	166.5	166.5	W	W	—	611.9
August	882.1	895.8	W	3,428.9	W	4,085.9	163.0	163.0	W	W	—	585.2
September	832.2	841.1	W	3,352.6	W	4,001.3	154.1	154.1	W	W	—	619.6
October	845.7	861.1	W	3,351.5	W	4,070.8	159.4	159.4	W	W	—	618.3
November	833.3	847.3	W	W	262.4	3,918.4	167.4	167.4	W	W	—	601.3
December	840.5	855.7	W	3,409.4	W	4,167.5	173.5	173.5	W	W	—	617.1
1998 Average	868.5	883.0	W	3,379.8	W	3,992.7	162.0	162.1	W	W	—	586.9
Missouri												
January	683.8	699.4	W	3,501.5	W	3,988.7	125.6	126.2	W	W	—	185.6
February	704.5	722.4	W	3,591.3	W	4,042.9	126.3	126.6	W	W	—	193.9
March	716.7	734.5	370.2	3,706.5	—	4,076.7	132.6	132.9	107.1	85.3	—	192.4
April	612.9	630.8	NA	3,854.4	—	4,224.0	117.3	117.7	W	W	—	188.6
May	637.2	654.3	W	4,005.2	W	4,420.9	115.2	115.7	NA	77.2	—	NA
June	619.6	635.9	W	4,292.3	W	4,732.8	121.6	122.1	W	W	—	203.8
July	675.0	689.8	391.3	4,182.2	—	4,573.5	127.2	127.8	NA	99.3	—	206.9
August	660.6	675.6	386.5	4,143.2	—	4,529.6	126.0	126.5	NA	103.9	—	210.6
September	632.0	648.7	376.9	3,965.2	—	4,342.1	121.7	122.3	NA	107.8	—	212.3
October	644.4	662.3	NA	3,998.7	—	4,383.5	128.5	129.1	NA	113.1	—	220.2
November	633.1	650.4	NA	3,944.0	—	4,289.8	140.2	140.7	NA	110.6	—	214.3
December	648.2	664.9	W	4,173.2	W	4,748.8	141.7	142.1	W	W	—	221.5
1998 Average	655.6	672.4	W	3,948.7	W	4,365.0	127.0	127.5	106.2	96.9	—	203.1

See footnotes at end of table.

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

Geographic Area Month	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
Kentucky												
January	101.9	107.7	W	W	—	739.6	765.9	817.7	175.8	3,926.2	—	4,101.9
February	101.5	107.2	W	W	—	721.1	758.6	813.3	173.3	3,882.6	—	4,055.9
March	109.7	116.9	W	W	—	796.3	827.3	886.8	193.4	4,228.2	—	4,421.5
April	106.4	112.7	37.2	773.8	—	811.0	834.7	896.5	W	4,372.0	W	4,601.4
May	102.3	109.0	W	W	—	743.1	822.7	874.8	W	4,133.7	W	4,399.0
June	100.7	107.3	W	W	—	751.8	814.9	871.1	192.7	4,285.9	—	4,478.6
July	105.4	110.5	W	W	—	790.5	831.4	879.0	202.2	4,048.3	—	4,250.5
August	109.4	115.6	40.5	740.1	—	780.5	839.4	891.1	W	4,178.1	W	4,460.2
September	103.0	110.4	W	W	—	804.0	782.6	837.8	193.8	W	W	4,431.3
October	103.1	109.5	W	W	—	796.5	792.4	855.1	199.4	W	W	4,520.9
November	102.9	109.4	W	W	—	771.4	743.2	798.6	194.4	3,990.1	—	4,184.5
December	113.2	120.1	W	W	—	887.0	798.8	848.9	197.5	4,250.4	—	4,447.8
1998 Average	105.0	111.4	W	W	—	783.2	801.4	856.3	192.5	W	W	4,364.7
Michigan												
January	328.6	344.8	398.1	943.9	—	1,342.0	2,732.1	2,839.2	2,521.4	6,545.9	—	9,067.3
February	269.8	289.6	403.2	880.1	—	1,283.4	2,947.0	3,071.3	2,601.3	6,746.8	—	9,348.0
March	272.4	294.2	413.5	945.9	—	1,359.4	2,961.9	3,111.4	2,610.8	6,949.0	—	9,559.8
April	268.2	287.8	416.0	W	W	1,381.2	3,009.2	3,138.5	W	7,291.9	W	9,933.9
May	260.7	282.1	W	1,004.1	W	1,430.9	3,029.2	3,167.8	2,673.5	7,516.0	114.2	10,303.7
June	279.9	300.9	437.6	1,108.9	—	1,546.6	3,176.5	3,313.6	2,726.2	8,193.1	NA	10,942.3
July	280.6	300.8	436.9	1,207.0	—	1,643.9	3,098.6	3,215.9	2,646.5	8,585.2	NA	11,251.2
August	303.4	326.4	434.2	1,041.7	—	1,475.9	3,230.4	3,369.8	2,597.8	7,226.0	—	9,823.8
September	285.1	308.7	437.4	1,008.9	—	1,446.3	3,007.1	3,149.8	2,596.3	7,011.4	—	9,607.7
October	288.4	313.9	440.6	945.5	—	1,386.2	3,105.1	3,252.0	2,662.2	6,844.4	—	9,506.6
November	292.6	315.5	435.5	997.1	—	1,432.7	3,062.8	3,195.3	2,578.7	7,268.2	—	9,846.9
December	327.5	349.7	462.4	1,097.8	—	1,560.2	3,113.6	3,237.6	2,617.1	7,466.9	—	10,084.0
1998 Average	288.3	309.8	W	1,012.6	W	1,441.9	3,039.9	3,172.4	2,620.3	7,306.8	15.8	9,942.9
Minnesota												
January	98.3	98.4	W	W	W	488.7	1,138.8	1,154.6	W	4,033.6	W	4,655.2
February	92.0	92.0	W	W	W	457.7	1,129.9	1,146.0	W	4,016.9	W	4,701.8
March	91.2	91.2	W	W	W	402.9	1,115.9	1,133.5	W	3,772.3	W	4,464.7
April	103.5	103.5	W	W	W	460.2	1,135.4	1,151.0	W	4,201.0	W	4,981.9
May	104.2	104.5	W	W	W	556.7	1,138.5	1,153.5	W	4,394.7	W	5,124.5
June	104.9	105.1	W	W	W	594.5	1,178.9	1,193.2	W	4,897.0	W	5,603.8
July	112.3	112.5	W	W	W	606.3	1,183.7	1,198.7	W	4,838.7	W	5,683.3
August	112.9	112.9	W	W	W	598.3	1,157.9	1,171.6	W	4,408.1	W	5,269.5
September	105.4	105.4	W	W	W	546.9	1,091.7	1,100.6	W	4,325.5	W	5,167.8
October	104.3	104.3	W	W	W	525.4	1,109.4	1,124.8	W	4,300.8	W	5,214.5
November	107.8	107.8	W	402.0	W	526.0	1,108.5	1,122.5	W	4,286.1	W	5,045.7
December	117.6	117.6	W	W	W	584.1	1,131.5	1,146.8	W	4,394.5	W	5,368.7
1998 Average	104.6	104.7	W	W	W	529.5	1,135.1	1,149.8	W	4,323.8	W	5,109.1
Missouri												
January	103.8	104.2	W	W	—	594.5	913.3	929.8	W	4,079.4	W	4,768.8
February	102.6	103.0	W	W	—	587.2	933.4	952.0	W	4,169.3	W	4,824.0
March	109.0	109.5	101.6	537.3	—	638.9	958.3	976.9	578.9	4,329.1	—	4,908.0
April	95.6	96.0	99.6	W	W	658.3	825.7	844.5	W	4,490.9	W	5,070.9
May	96.2	96.7	102.6	562.3	—	664.9	848.6	866.7	W	4,644.7	W	5,272.3
June	99.5	100.0	W	W	—	723.5	840.8	858.0	W	5,007.1	W	5,660.1
July	102.7	103.2	NA	639.8	—	748.0	904.9	920.8	NA	4,921.3	—	5,528.4
August	104.3	104.8	NA	638.2	—	746.9	890.9	906.9	NA	4,885.3	—	5,487.1
September	100.0	100.5	NA	608.4	—	715.4	853.7	871.5	NA	4,681.4	—	5,269.7
October	103.6	104.2	NA	602.4	—	711.9	876.6	895.6	NA	4,714.2	—	5,315.5
November	105.0	105.6	NA	627.7	—	731.3	878.3	896.7	NA	4,682.3	—	5,235.4
December	115.4	115.9	W	W	—	825.0	905.3	923.0	W	5,012.6	W	5,795.3
1998 Average	103.2	103.7	W	592.2	W	696.2	885.8	903.5	580.2	4,637.7	46.5	5,264.4

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												
January	91.9	93.3	105.7	1,524.9	—	1,630.6	W	W	W	W	—	105.7
February	93.9	95.3	108.2	1,475.1	—	1,583.3	W	W	W	W	—	64.9
March	87.1	88.1	109.3	1,477.5	—	1,586.7	W	W	W	W	—	98.2
April	80.7	81.7	NA	1,569.6	—	1,678.7	W	W	NA	83.3	—	103.0
May	71.2	72.6	NA	1,578.4	—	1,697.4	1.6	1.6	NA	84.9	—	105.0
June	67.8	69.1	NA	1,747.3	—	1,872.9	1.6	1.6	NA	107.6	—	127.8
July	56.8	58.9	NA	1,729.3	—	1,859.5	W	W	NA	90.8	—	110.4
August	54.2	55.7	NA	1,619.5	—	1,741.6	W	W	NA	85.1	—	104.8
September	50.8	52.7	NA	1,663.8	—	1,778.9	W	W	NA	86.7	—	105.6
October	47.9	49.8	NA	1,659.5	—	1,780.3	W	W	NA	87.9	—	107.3
November	48.9	50.1	NA	1,564.3	—	1,666.0	W	W	NA	75.0	—	93.9
December	49.1	51.2	NA	1,654.5	—	1,766.0	W	W	NA	93.0	—	112.2
1998 Average	66.5	68.0	NA	1,606.0	—	1,721.0	1.4	1.4	W	W	—	103.5
North Dakota												
January	W	W	W	W	—	835.9	—	—	W	W	—	53.1
February	W	W	W	W	—	749.9	—	—	W	W	—	38.3
March	W	W	W	W	—	788.6	—	—	W	W	—	43.1
April	W	3.6	NA	836.5	—	902.8	—	—	W	W	—	NA
May	W	2.9	NA	798.3	—	867.7	W	W	NA	28.0	—	NA
June	W	3.3	NA	928.3	—	997.7	W	W	NA	29.7	—	NA
July	W	3.0	NA	1,032.9	—	1,101.5	W	W	NA	32.2	—	NA
August	W	3.1	NA	850.1	—	916.7	W	W	NA	32.6	—	NA
September	W	W	NA	858.7	—	923.8	W	W	W	W	—	NA
October	W	3.7	NA	855.5	—	922.5	W	W	NA	33.7	—	NA
November	W	W	NA	789.8	—	852.4	W	W	W	W	—	NA
December	W	W	NA	784.5	—	847.0	W	W	W	W	—	NA
1998 Average	W	3.6	W	W	—	893.1	W	W	W	W	—	45.4
Ohio												
January	3,325.2	3,471.1	1,590.7	W	W	6,332.9	947.9	970.7	W	W	—	776.3
February	3,591.6	3,749.9	1,664.1	W	W	6,323.5	877.5	901.5	W	W	—	762.4
March	3,629.7	3,798.9	1,703.3	W	W	6,643.4	869.1	894.1	W	W	—	820.6
April	3,759.1	3,935.7	1,772.8	W	W	6,940.8	881.4	908.7	W	W	—	799.0
May	3,834.9	4,009.3	1,792.4	W	W	6,886.7	893.3	917.1	W	W	—	839.6
June	3,869.3	4,048.3	1,798.0	W	W	6,947.0	909.9	937.2	W	W	—	865.2
July	3,984.0	4,157.3	1,803.8	W	W	6,975.5	930.8	960.1	W	W	—	869.5
August	3,854.8	4,019.4	1,759.1	W	W	7,309.0	913.5	940.1	W	W	—	870.3
September	3,655.5	3,822.6	1,700.6	W	W	6,882.1	866.6	894.5	W	W	—	835.7
October	3,627.7	3,803.2	1,744.5	W	W	7,218.5	894.3	919.6	W	W	—	849.1
November	3,571.4	3,711.6	1,658.1	W	W	6,678.6	882.3	904.2	W	W	—	795.5
December	3,470.5	3,630.1	1,654.7	W	W	6,921.4	891.5	913.8	W	W	—	843.5
1998 Average	3,681.5	3,846.9	W	4,923.1	W	6,842.3	896.8	922.1	362.5	465.2	—	827.8
Oklahoma												
January	665.4	695.6	W	2,751.6	W	6,265.5	122.6	122.8	W	W	—	35.8
February	676.3	703.4	W	W	2,191.6	5,148.6	118.8	118.8	W	W	—	40.3
March	702.1	742.6	W	W	3,114.8	5,928.0	125.1	125.3	W	W	—	42.7
April	589.8	617.6	W	2,745.1	W	6,208.8	109.6	109.8	W	W	—	45.3
May	583.1	610.7	W	W	2,383.7	5,187.4	106.2	106.3	W	W	—	49.0
June	590.9	623.4	W	W	2,603.0	5,509.8	108.2	108.3	W	W	—	48.9
July	703.9	728.0	W	W	2,177.8	5,066.8	129.8	129.9	W	W	—	45.1
August	675.3	704.3	W	W	2,085.4	4,809.8	122.9	123.0	W	W	—	45.3
September	646.5	673.4	W	2,682.9	W	6,024.6	120.0	120.0	W	W	—	44.3
October	654.9	681.5	NA	2,729.1	2,532.1	5,314.3	125.0	125.1	NA	34.1	—	37.4
November	659.7	685.6	W	2,793.1	W	5,206.5	127.0	127.2	W	W	—	37.6
December	672.2	700.7	W	W	3,311.8	6,290.5	123.8	123.9	W	W	—	40.3
1998 Average	651.8	680.7	W	W	2,748.3	5,581.9	120.0	120.1	W	W	—	42.7

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												
January	W	W	W	W	—	132.1	103.0	104.4	W	W	—	1,868.4
February	W	W	W	W	—	120.6	104.6	105.9	W	W	—	1,768.8
March	W	W	W	W	—	124.6	99.2	100.3	W	W	—	1,809.6
April	W	W	NA	115.7	—	135.9	91.8	92.8	NA	1,768.5	—	1,917.6
May	9.2	9.2	NA	124.5	—	146.8	82.1	83.5	NA	1,787.9	—	1,949.1
June	8.4	8.4	NA	144.2	—	166.8	77.7	79.1	NA	1,999.1	—	2,167.5
July	W	W	NA	132.1	—	156.6	65.5	67.5	NA	1,952.1	—	2,126.5
August	W	W	NA	134.3	—	158.2	62.4	63.9	NA	1,838.8	—	2,004.6
September	W	W	NA	125.4	—	147.4	58.7	60.7	NA	1,875.8	—	2,031.9
October	W	W	NA	121.0	—	144.0	55.3	57.2	NA	1,868.4	—	2,031.6
November	W	W	NA	112.3	—	132.8	56.6	57.7	NA	1,751.6	—	1,892.7
December	W	W	NA	126.4	—	149.6	57.6	59.7	NA	1,873.9	—	2,027.8
1998 Average	8.1	8.1	W	W	—	143.1	76.0	77.5	NA	1,811.2	—	1,967.6
North Dakota												
January	W	W	W	W	—	62.1	W	4.1	W	W	—	951.1
February	W	W	W	W	—	51.6	W	4.0	W	W	—	839.8
March	W	W	W	W	—	51.1	W	4.3	W	W	—	882.8
April	—	—	W	W	—	55.0	W	3.6	NA	911.2	—	1,000.9
May	W	W	NA	43.4	—	52.8	W	3.5	NA	869.8	—	962.9
June	W	W	NA	57.2	—	66.8	W	3.8	NA	1,015.3	—	1,108.6
July	W	W	NA	62.8	—	72.5	W	3.5	NA	1,127.9	—	1,220.2
August	W	W	NA	50.9	—	60.5	W	3.6	NA	933.6	—	1,024.0
September	W	W	W	W	—	62.5	W	W	NA	944.3	—	1,032.4
October	W	W	NA	50.9	—	60.5	W	4.5	NA	940.1	—	1,030.6
November	W	W	W	W	—	62.4	W	W	NA	875.5	—	961.0
December	W	W	W	W	—	64.5	W	W	NA	873.3	—	959.2
1998 Average	W	W	W	W	—	60.3	W	4.1	W	W	—	998.8
Ohio												
January	562.7	584.7	389.6	794.4	—	1,184.0	4,835.8	5,026.5	W	5,661.3	W	8,293.2
February	556.7	577.2	383.2	777.3	—	1,160.4	5,025.8	5,228.6	W	5,664.6	W	8,246.3
March	558.9	581.1	411.4	825.8	—	1,237.2	5,057.7	5,274.1	W	5,989.1	W	8,701.2
April	544.2	566.0	W	849.3	W	1,392.9	5,184.7	5,410.4	W	6,255.8	W	9,132.7
May	543.5	563.5	W	868.1	W	1,292.5	5,271.7	5,489.8	W	6,334.6	W	9,018.8
June	559.3	580.6	422.0	905.0	—	1,327.0	5,338.5	5,566.1	W	6,501.2	W	9,139.2
July	598.5	622.8	436.0	923.7	—	1,359.7	5,513.3	5,740.3	W	6,488.3	W	9,204.7
August	602.4	626.8	438.1	948.5	—	1,386.5	5,370.7	5,586.3	W	6,496.4	W	9,565.8
September	565.7	591.6	416.1	932.0	—	1,348.1	5,087.8	5,308.7	W	6,441.7	W	9,065.9
October	550.0	577.1	422.6	950.5	—	1,373.1	5,072.0	5,299.9	W	6,763.4	W	9,440.6
November	572.3	596.8	417.2	907.1	—	1,324.3	5,026.0	5,212.6	W	6,218.7	W	8,798.4
December	597.9	623.5	440.4	996.1	—	1,436.5	4,959.9	5,167.5	W	6,483.3	W	9,201.4
1998 Average	567.9	591.2	W	890.6	W	1,319.5	5,146.2	5,360.1	2,500.4	6,279.0	210.1	8,989.5
Oklahoma												
January	128.5	134.8	W	535.7	W	612.5	916.5	953.2	W	W	3,521.2	6,913.8
February	122.0	126.8	W	509.5	W	600.0	917.1	949.0	W	3,447.8	W	5,788.9
March	127.9	136.2	W	502.8	W	651.2	955.2	1,004.1	W	3,293.4	W	6,621.9
April	117.6	122.9	W	503.7	W	552.8	817.0	850.3	W	W	3,427.8	6,807.0
May	109.6	114.1	W	552.1	W	648.3	798.9	831.0	W	3,334.8	W	5,884.7
June	110.9	116.8	W	533.3	W	582.3	810.0	848.5	W	3,418.6	W	6,141.0
July	129.1	134.1	W	568.1	W	759.6	962.8	992.0	W	3,439.5	W	5,871.5
August	127.7	133.2	W	538.7	W	654.8	925.9	960.5	W	3,253.9	W	5,510.0
September	125.7	131.2	W	555.8	W	749.8	892.2	924.6	W	W	3,475.2	6,818.7
October	133.7	138.8	NA	535.8	185.0	734.8	913.6	945.5	NA	3,299.0	2,717.0	6,086.4
November	144.1	149.5	W	W	204.1	780.2	930.8	962.2	W	3,402.2	W	6,024.3
December	145.7	151.3	W	647.3	W	824.9	941.7	975.9	W	3,645.7	W	7,155.7
1998 Average	126.9	132.5	W	546.6	W	680.1	898.7	933.3	W	3,368.3	W	6,304.6

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
South Dakota												
January	W	W	22.9	826.7	—	849.7	W	W	W	W	—	59.2
February	W	W	20.0	813.4	—	833.4	W	W	W	W	—	59.6
March	W	W	24.6	795.3	—	820.0	W	W	W	W	—	62.4
April	W	14.0	NA	908.5	—	935.0	W	W	NA	59.0	—	68.3
May	W	9.6	NA	907.5	—	935.5	W	W	NA	58.5	—	68.0
June	W	10.0	32.6	1,051.5	—	1,084.2	W	W	NA	63.5	—	73.0
July	9.1	10.5	33.3	1,095.0	—	1,128.3	W	W	NA	70.4	—	79.6
August	8.2	9.6	33.6	1,005.5	—	1,039.1	W	W	NA	58.9	—	68.2
September	7.8	8.6	28.7	928.4	—	957.2	W	W	NA	56.4	—	65.3
October	8.2	9.2	NA	1,019.4	—	1,050.1	W	W	NA	58.8	—	67.9
November	8.9	9.8	NA	825.9	—	849.1	W	W	NA	54.7	—	63.6
December	7.0	8.1	25.6	942.3	—	967.9	W	W	NA	59.8	—	68.8
1998 Average	W	10.8	27.5	927.5	—	955.1	W	W	W	W	—	67.1
Tennessee												
January	951.9	973.5	135.9	4,669.4	—	4,805.3	247.3	247.7	72.0	872.1	—	944.2
February	991.7	1,016.5	141.3	4,969.7	—	5,111.0	260.5	261.5	75.4	900.4	—	975.8
March	1,019.9	1,046.1	143.7	5,085.5	—	5,229.2	262.3	262.7	73.7	916.0	—	989.8
April	994.5	1,018.8	141.9	5,356.8	—	5,498.7	258.4	259.1	72.6	913.4	—	986.0
May	1,009.9	1,029.3	151.3	5,597.2	—	5,748.5	250.9	251.3	79.0	944.9	—	1,024.0
June	1,012.8	1,038.4	147.9	5,905.5	—	6,053.4	255.9	256.9	75.0	968.7	—	1,043.7
July	990.9	1,015.9	142.8	5,856.8	—	5,999.5	251.7	253.0	71.9	991.7	—	1,063.6
August	1,022.8	1,055.9	133.7	5,665.5	—	5,799.3	252.0	252.3	68.5	951.9	—	1,020.4
September	974.7	1,005.1	129.2	5,583.6	—	5,712.9	260.8	261.3	65.6	961.2	—	1,026.8
October	979.8	1,013.2	136.9	5,451.3	—	5,588.1	267.6	268.3	67.8	978.0	—	1,045.8
November	967.5	996.3	119.5	5,373.0	—	5,492.5	253.8	254.9	62.4	978.8	—	1,041.2
December	978.7	1,007.1	120.7	5,308.0	—	5,428.7	238.8	239.2	63.5	941.9	—	1,005.4
1998 Average	991.3	1,018.1	137.1	5,403.7	—	5,540.8	254.9	255.6	70.6	943.5	—	1,014.1
Wisconsin												
January	579.3	588.1	W	W	—	4,473.8	99.0	99.1	W	W	—	345.9
February	578.3	581.8	W	W	—	4,720.3	80.1	80.2	W	W	—	335.9
March	604.4	612.6	W	4,523.5	W	4,833.4	80.2	80.3	W	W	—	341.8
April	607.4	614.6	W	W	—	5,179.9	80.1	80.2	W	W	—	332.3
May	610.4	615.3	W	4,903.9	W	5,213.4	80.0	80.0	W	W	—	325.9
June	631.4	637.9	W	5,007.1	W	5,327.0	83.9	84.1	W	W	—	318.2
July	623.9	631.1	W	5,108.4	W	5,425.8	88.3	88.3	W	W	—	325.5
August	625.9	633.0	W	4,927.2	W	5,235.1	88.4	88.4	W	W	—	320.6
September	578.0	586.4	W	4,734.2	W	5,036.5	81.0	81.1	W	W	—	309.8
October	594.5	602.6	W	4,716.1	W	5,056.3	88.6	88.6	W	W	—	321.7
November	600.6	608.4	W	W	—	4,842.7	83.2	83.3	W	W	—	290.5
December	622.6	630.8	W	W	—	4,978.8	89.7	89.7	W	W	—	304.6
1998 Average	604.9	612.1	W	4,722.3	W	5,028.7	85.3	85.4	W	W	—	322.7
PAD District III												
January	6,118.8	6,367.4	1,657.6	25,261.9	19,439.5	46,359.0	1,567.0	1,587.1	505.4	3,400.0	—	3,905.4
February	6,418.9	6,563.3	1,702.6	26,551.1	19,977.3	48,231.1	1,631.9	1,649.9	517.1	3,524.2	—	4,041.3
March	6,669.1	6,830.6	1,741.5	27,217.9	19,241.0	48,200.5	1,702.6	1,720.7	518.0	3,634.7	—	4,152.7
April	4,282.2	4,442.7	1,737.1	26,629.0	27,173.2	55,539.2	1,192.7	1,209.1	516.7	3,584.3	—	4,100.9
May	4,443.0	4,617.1	1,757.9	26,700.5	24,756.9	53,215.3	1,262.7	1,283.2	523.9	3,641.7	—	4,165.6
June	4,464.1	4,626.2	1,798.7	27,895.5	24,968.4	54,662.6	1,267.3	1,285.0	532.0	W	W	4,195.9
July	6,837.3	6,999.8	1,786.8	28,694.8	21,655.7	52,137.3	1,789.5	1,807.7	526.6	3,601.1	—	4,127.7
August	6,641.3	6,901.1	1,747.1	27,901.4	17,505.8	47,154.3	1,752.9	1,770.0	511.2	3,446.7	—	3,957.9
September	6,405.3	6,591.4	1,668.1	27,580.9	14,123.4	43,372.4	1,714.0	1,733.7	488.6	3,502.8	—	3,991.3
October	6,401.0	6,586.7	1,560.3	28,847.3	14,752.5	45,160.1	1,709.5	1,728.6	477.1	3,672.5	—	4,149.6
November	6,275.8	6,449.7	1,468.9	27,206.6	13,535.6	42,211.0	1,674.5	1,695.5	457.3	3,466.8	—	3,924.2
December	6,351.7	6,449.2	1,463.2	28,648.9	15,146.1	45,258.1	1,707.9	1,721.7	459.7	3,623.5	—	4,083.3
1998 Average	5,944.9	6,121.6	W	27,436.3	W	48,454.9	1,581.9	1,600.2	W	3,562.2	W	4,066.7

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
South Dakota												
January	W	W	W	W	—	65.0	W	14.5	36.4	937.5	—	973.9
February	W	W	W	W	—	58.0	W	14.6	31.8	919.3	—	951.0
March	W	W	W	W	—	64.3	W	13.8	39.3	907.4	—	946.7
April	W	W	NA	56.5	—	61.3	W	15.0	NA	1,024.0	—	1,064.7
May	W	W	NA	62.1	—	67.3	W	15.0	NA	1,028.2	—	1,070.7
June	0.6	W	NA	77.3	—	83.2	W	15.2	NA	1,192.4	—	1,240.4
July	0.8	W	7.1	88.8	—	95.8	W	15.9	NA	1,254.2	—	1,303.7
August	0.8	W	NA	89.4	—	95.5	W	15.2	NA	1,153.8	—	1,202.8
September	0.8	0.8	NA	68.4	—	73.9	W	W	NA	1,053.2	—	1,096.4
October	0.7	W	NA	70.9	—	76.8	W	14.9	NA	1,149.2	—	1,194.8
November	0.7	0.7	NA	58.6	—	63.4	W	W	NA	939.3	—	976.1
December	0.7	0.7	NA	70.4	—	76.0	W	W	NA	1,072.5	—	1,112.8
1998 Average	W	W	W	W	—	73.6	W	14.8	42.0	1,053.7	—	1,095.7
Tennessee												
January	305.1	309.5	76.2	1,453.0	—	1,529.3	1,504.3	1,530.6	284.1	6,994.6	—	7,278.7
February	330.0	334.5	81.8	1,539.9	—	1,621.7	1,582.2	1,612.5	298.4	7,410.0	—	7,708.4
March	345.5	349.8	81.7	1,621.8	—	1,703.5	1,627.6	1,658.6	299.1	7,623.3	—	7,922.4
April	320.1	324.1	NA	1,663.2	—	1,742.7	1,573.0	1,602.0	294.0	7,933.4	—	8,227.4
May	324.1	328.6	86.1	1,809.4	—	1,895.5	1,584.9	1,609.1	316.4	8,351.5	—	8,667.9
June	326.6	330.8	NA	1,832.6	—	1,915.2	1,595.3	1,626.1	305.6	8,706.7	—	9,012.3
July	327.7	331.5	NA	1,881.0	—	1,963.2	1,570.3	1,600.5	296.9	8,729.5	—	9,026.4
August	339.8	345.1	NA	1,815.4	—	1,893.6	1,614.6	1,653.3	280.5	8,432.8	—	8,713.3
September	343.1	347.1	NA	1,857.9	—	1,934.2	1,578.6	1,613.5	271.2	8,402.8	—	8,673.9
October	349.7	353.7	NA	1,786.6	—	1,865.1	1,597.1	1,635.2	283.2	8,215.9	—	8,499.1
November	364.3	368.0	NA	1,847.4	—	1,921.3	1,585.5	1,619.2	255.9	8,199.2	—	8,455.1
December	389.1	392.6	NA	1,911.5	—	1,988.7	1,606.7	1,639.0	261.5	8,161.3	—	8,422.8
1998 Average	338.8	343.0	79.5	1,752.8	—	1,832.4	1,585.1	1,616.7	287.2	8,100.0	—	8,387.2
Wisconsin												
January	73.8	74.3	W	W	—	681.1	752.2	761.5	W	W	—	5,500.8
February	67.2	67.3	W	W	—	594.4	725.6	729.3	W	W	—	5,650.5
March	69.3	69.9	W	W	—	586.5	753.9	762.8	W	5,322.2	W	5,761.7
April	66.0	66.3	NA	560.9	—	628.8	753.5	761.0	NA	5,701.1	—	6,141.0
May	66.5	66.7	W	W	—	671.5	756.8	762.0	W	5,771.1	W	6,210.9
June	71.7	72.3	W	W	—	704.2	787.0	794.3	W	5,895.7	W	6,349.4
July	73.2	73.5	W	W	—	774.7	785.4	792.9	W	6,070.0	W	6,526.1
August	74.2	74.7	W	W	W	752.6	788.5	796.2	W	5,852.5	W	6,308.3
September	69.2	70.0	W	W	—	687.7	728.2	737.4	W	5,599.2	W	6,034.1
October	74.5	75.0	W	W	—	653.0	757.6	766.3	W	5,556.4	W	6,031.0
November	75.0	75.7	W	W	—	658.4	758.8	767.4	W	W	—	5,791.6
December	80.5	81.2	W	W	—	725.5	792.8	801.7	W	W	—	6,008.9
1998 Average	71.8	72.3	NA	W	W	677.3	762.0	769.8	NA	5,588.2	8.1	6,028.7
PAD District III												
January	1,427.3	1,449.3	672.2	5,452.1	1,471.5	7,595.8	9,113.1	9,403.8	2,835.2	34,114.0	20,911.0	57,860.2
February	1,545.1	1,563.9	700.7	5,806.9	795.4	7,303.1	9,595.9	9,777.1	2,920.5	35,882.2	20,772.8	59,575.5
March	1,640.0	1,658.1	720.9	6,132.4	1,276.7	8,130.1	10,011.7	10,209.5	2,980.5	36,985.1	20,517.7	60,483.2
April	1,233.5	1,251.9	727.9	6,141.2	2,413.6	9,282.7	6,708.3	6,903.7	2,981.7	36,354.4	29,586.8	68,922.9
May	1,284.6	1,305.4	733.2	6,286.2	2,372.3	9,391.7	6,990.4	7,205.6	3,015.0	36,628.3	27,129.2	66,772.5
June	1,282.7	1,301.7	738.4	W	W	8,871.3	7,014.2	7,212.9	3,069.1	38,115.8	26,544.8	67,729.8
July	1,732.7	1,754.6	735.4	6,833.9	1,316.6	8,886.0	10,359.5	10,562.2	3,048.8	39,129.8	22,972.4	65,151.0
August	1,702.3	1,757.9	725.6	6,635.1	2,020.7	9,381.5	10,096.5	10,429.1	2,983.8	37,983.3	19,526.5	60,493.6
September	1,672.5	1,732.1	702.0	6,689.0	2,243.1	9,634.1	9,791.8	10,057.2	2,858.7	37,772.7	16,366.5	56,997.9
October	1,630.7	1,652.7	646.8	6,806.5	1,572.0	9,025.2	9,741.2	9,968.1	2,684.2	39,326.2	16,324.5	58,334.9
November	1,609.2	1,633.3	626.5	6,666.9	2,446.8	9,740.1	9,559.5	9,778.5	2,552.7	37,340.3	15,982.3	55,875.3
December	1,706.1	1,728.1	632.6	7,341.8	2,442.7	10,417.2	9,765.7	9,899.0	2,555.6	39,614.3	17,588.8	59,758.6
1998 Average	1,539.8	1,566.7	696.8	6,451.9	1,832.0	8,980.8	9,066.6	9,288.5	2,873.5	37,450.4	21,178.4	61,502.4

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
Alabama												
January	245.9	269.6	76.0	3,172.7	—	3,248.7	73.9	79.3	29.2	580.6	—	609.8
February	252.4	278.8	78.0	3,358.6	—	3,436.7	76.2	82.0	29.6	621.9	—	651.5
March	264.6	292.4	80.8	3,482.5	—	3,563.3	79.1	84.7	30.4	636.9	—	667.3
April	255.1	282.9	82.5	3,554.7	—	3,637.2	74.8	80.6	30.4	647.9	—	678.3
May	255.1	282.5	83.0	3,512.5	—	3,595.5	77.7	83.7	30.0	642.2	—	672.1
June	260.1	289.3	W	3,735.2	W	3,853.8	76.8	82.4	30.8	589.6	—	620.5
July	257.5	288.2	83.6	3,668.5	—	3,752.1	75.8	81.1	29.3	526.3	—	555.6
August	254.1	284.2	80.0	3,501.2	—	3,581.3	73.9	79.8	28.0	496.5	—	524.5
September	243.2	270.5	77.0	3,541.4	—	3,618.4	72.0	76.9	28.0	570.5	—	598.5
October	243.0	275.4	84.1	3,638.4	—	3,722.5	73.0	79.3	30.5	683.5	—	714.0
November	242.1	271.8	76.6	3,391.4	—	3,467.9	71.5	77.2	27.9	615.2	—	643.1
December	249.8	279.3	77.5	W	W	3,651.8	75.5	81.3	W	W	—	676.0
1998 Average	251.9	280.4	80.5	3,509.3	5.0	3,594.8	75.0	80.7	29.4	604.7	—	634.1
Arkansas												
January	182.6	188.3	W	2,502.3	W	2,744.2	36.7	37.0	W	W	—	297.1
February	183.0	185.5	W	2,642.9	W	2,911.7	35.4	35.4	W	W	—	320.4
March	189.1	191.2	W	2,719.4	W	3,129.3	37.3	37.3	W	W	—	333.4
April	85.7	88.9	W	2,705.9	W	2,990.3	16.7	16.9	W	W	—	333.5
May	90.5	92.6	W	2,630.8	W	3,016.1	16.8	16.8	W	W	—	333.3
June	93.5	95.9	W	2,774.7	W	3,047.1	17.6	17.6	W	W	—	346.7
July	180.0	182.0	W	2,722.8	W	2,987.4	35.8	36.0	W	W	—	338.4
August	164.6	166.8	W	2,582.3	W	2,742.3	33.3	33.3	W	W	—	324.2
September	167.8	170.6	W	2,577.4	W	2,733.0	33.3	33.3	W	W	—	321.3
October	158.5	161.2	W	2,543.2	W	2,747.5	32.7	32.7	W	W	—	319.2
November	170.6	170.8	W	2,502.7	W	2,832.9	34.2	34.4	W	W	—	304.9
December	179.3	179.5	W	2,633.3	W	3,013.6	35.4	35.4	W	W	—	312.2
1998 Average	153.8	156.1	W	W	W	2,908.0	30.4	30.5	W	W	—	323.7
Louisiana												
January	657.5	668.1	210.0	2,587.5	2,512.6	5,310.1	200.7	200.9	87.5	462.7	—	550.1
February	702.5	715.3	222.0	2,791.8	1,851.8	4,865.7	210.7	210.9	94.8	498.3	—	593.0
March	715.2	726.7	228.5	2,866.5	1,745.0	4,839.9	215.8	216.1	96.2	507.8	—	604.0
April	646.0	658.9	221.0	2,941.9	1,624.0	4,786.9	196.1	196.8	91.9	514.5	—	606.4
May	679.5	696.0	226.6	2,961.4	1,256.3	4,444.3	209.5	209.9	93.9	505.2	—	599.1
June	655.5	668.6	227.7	3,078.1	1,193.9	4,499.7	205.3	206.3	94.0	488.8	—	582.8
July	735.2	747.0	225.1	W	W	4,669.6	223.3	223.3	92.0	483.7	—	575.7
August	712.0	729.1	215.4	W	W	4,814.3	216.6	216.6	88.6	461.3	—	549.9
September	685.5	701.6	204.8	2,898.8	1,143.2	4,246.8	216.5	216.9	84.1	506.3	—	590.4
October	730.6	747.8	219.8	3,018.7	869.7	4,108.3	221.2	221.6	89.2	472.2	—	561.4
November	704.2	719.1	W	2,811.1	W	4,758.9	218.5	218.6	87.0	432.1	—	519.0
December	720.4	735.6	206.3	2,951.4	2,365.2	5,522.9	224.9	225.3	81.7	459.6	—	541.3
1998 Average	695.5	709.7	218.3	2,910.0	1,611.4	4,739.7	213.3	213.7	90.0	482.5	—	572.6
Mississippi												
January	90.7	104.5	7.1	W	W	2,862.4	20.9	23.6	W	W	—	326.2
February	97.8	113.2	6.5	W	W	3,253.3	22.1	25.0	W	W	—	340.7
March	99.0	112.1	6.8	W	W	2,870.3	22.7	25.5	W	W	—	351.0
April	99.2	111.7	6.7	W	W	3,280.4	22.9	26.6	W	W	—	341.5
May	108.0	123.4	5.2	W	W	3,180.9	25.1	28.0	W	W	—	355.8
June	101.3	116.1	5.5	W	W	3,567.6	23.8	26.7	W	W	—	372.0
July	106.1	122.3	5.1	2,481.4	782.5	3,269.1	25.3	28.9	W	W	—	363.8
August	100.5	114.9	4.6	2,433.9	827.3	3,265.8	24.2	27.1	W	W	—	351.7
September	93.8	108.9	4.8	W	W	3,299.5	24.3	27.3	W	W	—	333.5
October	102.7	118.9	5.2	W	W	2,683.1	26.7	29.4	W	W	—	317.3
November	105.8	117.3	4.4	W	W	2,327.0	25.0	28.2	W	W	—	301.1
December	106.6	122.9	W	2,354.2	W	2,547.8	24.7	27.4	W	W	—	328.3
1998 Average	101.0	115.6	5.5	2,332.2	693.5	3,031.2	24.0	27.0	W	W	—	340.3

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
Alabama												
January	63.2	70.0	32.1	940.5	—	972.5	383.0	418.9	137.2	4,693.8	—	4,831.0
February	67.1	74.6	34.4	1,029.1	—	1,063.5	395.7	435.4	142.0	5,009.6	—	5,151.7
March	70.5	78.1	35.7	1,090.0	—	1,125.7	414.2	455.2	146.9	5,209.4	—	5,356.2
April	67.7	75.1	37.2	1,107.8	—	1,145.0	397.6	438.6	150.2	5,310.4	—	5,460.6
May	68.6	77.0	36.8	1,112.3	—	1,149.1	401.4	443.2	149.7	5,266.9	—	5,416.6
June	67.8	75.2	W	W	—	1,241.0	404.7	446.9	155.5	W	W	5,715.3
July	67.7	75.5	36.3	1,214.7	—	1,251.0	401.0	444.9	149.3	5,409.5	—	5,558.7
August	67.2	75.5	34.5	1,157.4	—	1,192.0	395.2	439.5	142.6	5,155.1	—	5,297.7
September	66.5	75.6	34.7	1,177.0	—	1,211.7	381.7	422.9	139.6	5,288.9	—	5,428.5
October	66.4	75.8	38.2	1,183.5	—	1,221.6	382.3	430.5	152.8	5,505.3	—	5,658.1
November	67.3	75.9	35.0	1,137.6	—	1,172.6	380.9	424.9	139.4	5,144.2	—	5,283.6
December	72.6	81.1	W	W	—	1,255.7	398.0	441.6	142.7	W	W	5,583.5
1998 Average	67.7	75.8	35.8	1,131.6	—	1,167.3	394.7	436.9	145.7	5,245.6	5.0	5,396.3
Arkansas												
January	30.7	31.0	W	W	W	604.1	250.0	256.2	W	3,323.9	W	3,645.3
February	32.0	32.0	W	W	W	662.8	250.4	252.9	W	3,531.4	W	3,894.9
March	34.3	34.3	W	W	W	717.7	260.7	262.8	W	3,650.9	W	4,180.4
April	17.1	17.1	W	W	W	741.2	119.6	123.0	W	3,640.7	W	4,065.0
May	18.4	18.4	W	W	W	770.4	125.7	127.7	W	3,564.6	W	4,119.7
June	19.7	19.7	W	W	W	688.1	130.8	133.1	W	3,760.5	W	4,081.9
July	33.5	33.7	W	W	W	797.5	249.2	251.7	W	3,703.3	W	4,123.4
August	31.5	31.5	W	W	W	731.6	229.3	231.5	W	3,517.5	W	3,798.1
September	32.9	33.3	W	W	W	803.6	234.0	237.3	W	3,520.0	W	3,857.9
October	31.0	31.0	W	W	W	753.3	222.2	224.8	W	3,457.2	W	3,820.0
November	35.3	35.6	W	W	—	619.9	240.2	240.8	W	3,424.8	W	3,757.6
December	38.6	38.6	W	W	W	675.2	253.3	253.5	W	3,615.1	W	4,001.0
1998 Average	29.6	29.7	W	611.9	W	714.2	213.8	216.3	W	3,559.1	W	3,945.9
Louisiana												
January	171.9	174.3	148.5	749.7	738.4	1,636.5	1,030.2	1,043.2	445.9	3,799.9	3,251.0	7,496.7
February	186.9	189.1	159.2	810.5	221.3	1,191.0	1,100.1	1,115.4	476.0	4,100.6	2,073.1	6,649.6
March	195.0	197.0	165.8	850.7	475.6	1,492.2	1,126.0	1,139.9	490.5	4,225.0	2,220.6	6,936.1
April	181.3	184.1	160.5	865.4	315.9	1,341.9	1,023.3	1,039.7	473.4	4,321.8	1,939.9	6,735.1
May	197.5	200.6	163.2	879.4	271.0	1,313.5	1,086.5	1,106.5	483.8	4,345.9	1,527.2	6,357.0
June	190.4	193.4	161.7	928.4	385.1	1,475.2	1,051.2	1,068.4	483.4	4,495.3	1,579.0	6,557.7
July	212.7	215.2	159.0	W	W	1,548.7	1,171.2	1,185.5	476.1	4,451.2	1,866.6	6,793.9
August	198.4	202.1	152.2	W	W	1,488.2	1,127.0	1,147.8	456.2	4,308.5	2,087.6	6,852.3
September	192.8	196.3	147.0	868.1	815.7	1,830.7	1,094.7	1,114.7	435.8	4,273.2	1,958.9	6,667.9
October	203.4	206.7	153.8	898.9	203.2	1,255.9	1,155.2	1,176.1	462.8	4,389.8	1,072.9	5,925.6
November	208.0	211.7	W	861.2	W	1,815.3	1,130.7	1,149.4	451.1	4,104.3	2,537.8	7,093.2
December	225.0	228.5	144.5	943.2	1,081.9	2,169.5	1,170.4	1,189.4	432.5	4,354.1	3,447.1	8,233.7
1998 Average	197.1	200.0	155.5	872.6	520.6	1,548.7	1,105.9	1,123.4	463.9	4,265.1	2,132.0	6,861.0
Mississippi												
January	18.1	21.2	W	573.6	W	733.6	129.7	149.3	11.0	W	W	3,922.2
February	20.1	23.4	W	621.6	W	641.4	140.0	161.6	10.8	W	W	4,235.4
March	21.1	24.0	W	W	W	686.4	142.8	161.5	11.0	W	W	3,907.6
April	21.4	24.6	W	655.6	W	765.3	143.5	163.0	10.6	W	W	4,387.2
May	22.2	25.5	W	668.4	W	770.2	155.4	176.9	8.9	W	W	4,306.9
June	20.6	23.4	W	703.3	W	828.9	145.7	166.2	9.3	3,552.5	1,206.7	4,768.5
July	22.1	25.5	W	715.6	W	795.0	153.5	176.7	8.6	W	W	4,427.9
August	21.4	24.8	W	693.2	W	791.0	146.0	166.8	8.0	W	W	4,408.5
September	20.9	23.8	W	673.9	W	742.6	139.0	160.0	8.2	W	W	4,375.5
October	22.6	26.4	W	W	W	690.5	152.0	174.6	8.7	W	W	3,690.8
November	24.3	27.0	W	646.7	W	683.4	155.1	172.5	7.5	W	W	3,311.6
December	26.5	30.9	W	W	W	885.3	157.8	181.2	7.9	3,406.7	346.7	3,761.4
1998 Average	21.8	25.1	W	665.7	W	752.0	146.8	167.6	9.2	W	W	4,123.5

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
New Mexico												
January	418.5	420.8	W	W	—	1,324.5	76.8	76.8	W	W	—	131.1
February	438.3	441.1	W	W	—	1,369.9	78.5	78.5	W	W	—	134.1
March	468.3	470.5	W	W	—	1,355.7	91.5	91.5	W	W	—	139.7
April	338.8	341.5	W	W	—	1,398.7	65.5	65.5	W	W	—	137.2
May	370.0	372.4	W	W	—	1,466.9	70.3	70.3	W	W	—	139.9
June	340.3	342.4	W	W	—	1,492.9	70.5	70.5	W	W	—	135.3
July	455.9	459.2	W	W	—	1,597.9	88.1	88.2	W	W	—	109.5
August	449.3	453.7	W	W	—	1,514.7	89.8	89.8	W	W	—	104.3
September	436.5	440.8	W	W	—	1,461.3	86.9	86.9	W	W	—	100.3
October	455.6	457.6	W	W	—	1,496.5	91.1	91.1	W	W	—	104.6
November	471.9	473.7	W	W	—	1,318.6	93.7	93.7	W	W	—	87.6
December	474.7	476.4	W	W	—	1,443.2	100.5	100.5	W	W	—	103.3
1998 Average	426.7	429.4	W	W	—	1,437.5	83.7	83.7	W	W	—	118.8
Texas												
January	4,523.5	4,716.2	1,248.0	13,645.5	15,975.8	30,869.2	1,158.1	1,169.5	371.2	1,619.9	—	1,991.1
February	4,744.9	4,829.4	1,283.7	14,204.6	16,905.5	32,393.8	1,209.0	1,218.0	375.0	1,626.7	—	2,001.7
March	4,933.0	5,037.7	1,310.3	14,576.8	16,554.8	32,441.9	1,256.1	1,265.6	372.4	1,684.9	—	2,057.3
April	2,857.3	2,958.8	1,309.2	13,770.5	24,366.1	39,445.8	816.6	822.7	377.0	1,627.0	—	2,003.9
May	2,939.8	3,050.2	1,320.2	13,858.5	22,332.9	37,511.6	863.3	874.5	380.8	1,684.6	—	2,065.4
June	3,013.4	3,113.9	1,350.6	14,436.5	22,414.5	38,201.5	873.4	881.4	W	1,729.0	W	2,138.6
July	5,102.7	5,201.0	1,342.5	15,275.0	19,243.6	35,861.2	1,341.1	1,350.2	387.3	1,797.5	—	2,184.7
August	4,960.8	5,152.4	1,309.5	15,030.5	14,896.0	31,236.0	1,315.1	1,323.4	377.5	1,725.8	—	2,103.3
September	4,778.5	4,899.0	1,253.7	14,890.5	11,869.2	28,013.5	1,281.0	1,292.5	363.5	1,683.9	—	2,047.4
October	4,710.6	4,825.8	1,106.8	15,968.1	13,327.3	30,402.2	1,265.0	1,274.6	340.7	1,792.5	—	2,133.2
November	4,581.2	4,697.0	1,062.3	15,104.7	11,338.7	27,505.7	1,231.6	1,243.4	331.8	1,736.7	—	2,068.4
December	4,620.9	4,655.5	1,049.4	15,838.6	12,190.8	29,078.8	1,246.8	1,252.0	335.6	1,786.6	—	2,122.3
1998 Average	4,315.9	4,430.4	1,245.2	14,722.7	16,775.8	32,743.7	1,155.5	1,164.7	366.7	W	W	2,077.2
PAD District IV												
January	1,512.5	1,603.6	W	4,818.0	W	5,531.5	528.5	545.9	171.4	604.8	—	776.1
February	1,527.8	1,636.3	W	5,054.8	W	5,752.1	517.1	539.9	184.2	635.3	—	819.4
March	1,756.7	1,857.8	W	5,168.0	W	5,887.9	601.3	624.5	W	W	—	771.4
April	1,183.5	1,286.7	709.8	W	W	5,885.7	406.2	420.2	W	W	—	751.9
May	1,203.1	1,301.6	W	5,451.9	W	6,174.5	414.9	421.6	W	W	—	751.7
June	1,286.5	1,403.2	W	5,976.6	W	6,740.4	451.2	458.5	W	W	—	819.1
July	1,916.4	2,037.0	816.3	6,342.8	—	7,159.1	684.7	691.3	W	W	—	868.5
August	1,880.3	1,987.5	760.4	6,174.9	—	6,935.3	674.3	683.3	W	W	—	854.6
September	1,763.8	1,879.1	814.3	5,639.8	—	6,454.1	651.2	660.0	W	W	—	822.7
October	1,723.7	1,835.4	693.9	W	W	6,281.1	639.2	649.9	W	W	—	841.0
November	1,691.3	1,783.1	664.5	W	W	5,920.7	691.8	702.7	W	W	—	755.1
December	1,704.4	1,817.3	W	5,530.6	W	6,266.8	709.6	721.4	W	W	—	830.3
1998 Average	1,597.7	1,704.2	W	5,504.6	W	6,253.2	581.7	594.1	167.0	638.3	—	805.2
Colorado												
January	1,092.5	1,094.0	W	1,825.4	W	1,980.2	368.1	368.1	W	W	—	337.5
February	1,076.4	1,077.8	W	1,924.7	W	2,090.6	353.7	353.7	W	W	—	349.7
March	1,285.0	1,286.0	W	1,902.0	W	2,083.9	434.9	434.9	W	W	—	325.3
April	716.1	717.8	W	1,746.6	W	1,896.6	243.8	243.8	W	W	—	324.8
May	724.2	727.3	W	1,864.2	W	1,998.5	244.9	244.9	W	W	—	328.2
June	773.8	778.0	W	1,939.9	W	2,078.4	265.5	265.8	W	W	—	361.5
July	1,356.8	1,361.7	NA	2,066.2	—	2,207.8	477.5	478.1	NA	314.5	—	377.8
August	1,335.1	1,338.9	NA	2,064.0	—	2,202.9	470.1	470.4	NA	316.8	—	381.4
September	1,253.4	1,257.6	NA	1,949.7	—	2,097.4	456.5	456.7	NA	301.7	—	366.2
October	1,220.8	1,225.8	NA	W	W	2,073.0	448.4	448.9	W	W	—	341.5
November	1,222.0	1,225.2	W	1,886.0	W	2,090.6	511.9	512.2	53.2	247.8	—	301.0
December	1,211.7	1,218.4	NA	W	W	2,133.5	515.8	516.1	NA	262.6	—	318.2
1998 Average	1,107.1	1,110.5	W	1,917.6	W	2,078.1	399.9	400.2	W	W	—	342.8

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
New Mexico												
January	51.4	51.6	W	W	—	206.3	546.7	549.2	W	W	—	1,661.8
February	51.8	52.1	W	W	—	212.2	568.6	571.8	W	W	—	1,716.2
March	60.5	60.5	W	W	—	218.4	620.3	622.6	W	W	—	1,713.9
April	39.7	39.7	W	W	—	227.8	444.0	446.7	W	W	—	1,763.7
May	41.4	41.4	W	W	—	264.4	481.7	484.1	W	W	—	1,871.2
June	44.7	44.7	W	W	—	270.9	455.5	457.6	W	W	—	1,899.0
July	60.5	60.6	W	W	—	315.6	604.5	608.0	W	W	—	2,022.9
August	60.8	61.1	W	W	—	288.7	599.9	604.5	W	W	—	1,907.7
September	58.8	59.1	W	W	—	275.4	582.2	586.7	W	W	—	1,837.0
October	61.4	61.4	W	W	—	296.0	608.1	610.1	W	W	—	1,897.1
November	61.8	61.8	W	W	—	243.3	627.3	629.2	W	W	—	1,649.4
December	66.7	66.7	W	W	—	291.6	641.9	643.6	W	W	—	1,838.0
1998 Average	55.0	55.1	W	W	—	259.6	565.4	568.2	W	W	—	1,816.0
Texas												
January	1,091.9	1,101.2	473.6	2,461.8	507.5	3,442.8	6,773.5	6,986.8	2,092.7	17,727.1	16,483.3	36,303.1
February	1,187.2	1,192.6	487.8	2,570.3	474.1	3,532.2	7,141.0	7,240.0	2,146.4	18,401.7	17,379.6	37,927.7
March	1,258.6	1,264.2	498.7	2,727.7	663.4	3,889.8	7,447.7	7,567.5	2,181.4	18,989.5	17,218.2	38,389.0
April	906.4	911.3	508.6	2,688.7	1,864.1	5,061.5	4,580.3	4,692.8	2,194.8	18,086.2	26,230.2	46,511.3
May	936.6	942.5	510.0	2,768.4	1,845.7	5,124.1	4,739.7	4,867.3	2,211.0	18,311.5	24,178.6	44,701.1
June	939.6	945.3	W	2,840.5	W	4,367.2	4,826.3	4,940.7	2,254.0	19,006.0	23,447.3	44,707.3
July	1,336.3	1,344.2	514.0	3,041.4	622.8	4,178.2	7,780.1	7,895.4	2,243.8	20,113.9	19,866.5	42,224.2
August	1,323.1	1,363.0	511.5	3,002.6	1,375.9	4,890.0	7,599.0	7,838.8	2,198.5	19,759.0	16,271.9	38,229.3
September	1,300.6	1,344.0	497.0	3,087.4	1,185.7	4,770.1	7,360.1	7,535.5	2,114.2	19,661.9	13,054.9	34,831.0
October	1,245.9	1,251.5	428.5	3,193.5	1,185.8	4,807.8	7,221.5	7,351.9	1,876.1	20,954.0	14,513.2	37,343.3
November	1,212.6	1,221.3	419.3	3,177.6	1,608.8	5,205.7	7,025.4	7,161.7	1,813.3	20,019.0	12,947.6	34,779.9
December	1,276.6	1,282.2	429.3	3,510.0	1,200.6	5,140.0	7,144.4	7,189.6	1,814.4	21,135.3	13,391.4	36,341.0
1998 Average	1,168.7	1,181.0	482.7	W	W	4,538.9	6,640.0	6,776.1	2,094.6	19,356.5	17,908.6	39,359.8
PAD District IV												
January	312.3	334.6	W	986.9	W	1,174.4	2,353.3	2,484.2	W	6,409.7	W	7,482.0
February	326.2	355.1	W	1,068.7	W	1,245.3	2,371.1	2,531.3	W	6,758.7	W	7,816.9
March	384.5	411.6	W	W	—	1,303.6	2,742.5	2,894.0	W	6,922.5	W	7,962.8
April	268.5	293.9	159.5	1,079.3	—	1,238.8	1,858.2	2,000.7	W	6,826.5	W	7,876.4
May	274.0	301.4	W	W	—	1,335.3	1,892.0	2,024.6	W	7,210.7	W	8,261.5
June	292.8	317.3	W	W	—	1,491.4	2,030.4	2,179.0	W	7,941.3	W	9,051.0
July	440.2	471.1	W	W	—	1,690.1	3,041.3	3,199.4	1,193.3	8,524.5	—	9,717.7
August	440.0	469.0	W	W	—	1,675.5	2,994.5	3,139.8	1,131.1	8,334.4	—	9,465.5
September	421.3	446.9	W	W	—	1,547.1	2,836.3	2,985.9	1,181.0	7,642.9	—	8,823.9
October	405.8	433.3	W	1,318.1	W	1,513.7	2,768.7	2,918.6	W	7,531.0	W	8,635.8
November	400.9	431.1	W	1,209.2	W	1,392.9	2,784.0	2,916.9	W	6,973.7	W	8,068.7
December	436.7	469.2	W	W	W	1,622.7	2,850.8	3,007.9	965.4	7,619.0	135.5	8,719.8
1998 Average	367.5	395.1	W	1,254.1	W	1,437.7	2,546.8	2,693.4	1,063.4	7,396.9	35.8	8,496.1
Colorado												
January	218.1	218.2	49.0	W	W	419.6	1,678.6	1,680.3	W	2,445.1	W	2,737.2
February	222.9	223.0	W	W	W	426.8	1,653.0	1,654.5	W	2,575.0	W	2,867.1
March	279.1	279.2	W	W	—	436.7	1,998.9	2,000.1	W	2,545.3	W	2,845.9
April	165.1	165.2	W	W	—	374.2	1,125.0	1,126.9	W	2,347.1	W	2,595.7
May	167.2	167.9	W	W	—	405.7	1,136.3	1,140.1	W	2,496.2	W	2,732.4
June	176.7	176.9	W	W	—	438.5	1,216.0	1,220.7	W	2,631.1	W	2,878.5
July	307.5	308.3	NA	440.2	—	491.5	2,141.8	2,148.0	NA	2,820.8	—	3,077.1
August	309.3	310.5	NA	456.1	—	509.6	2,114.5	2,119.7	NA	2,836.9	—	3,093.8
September	299.3	299.3	NA	447.3	—	500.2	2,009.1	2,013.6	NA	2,698.7	—	2,963.8
October	286.8	287.3	W	W	W	494.9	1,956.0	1,962.0	NA	W	W	2,909.4
November	291.0	291.3	W	428.8	W	497.3	2,024.8	2,028.6	W	2,562.6	W	2,888.9
December	310.4	311.0	NA	W	W	562.9	2,037.9	2,045.4	NA	W	W	3,014.7
1998 Average	253.2	253.6	W	W	W	463.6	1,760.3	1,764.3	W	2,604.9	W	2,884.4

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Idaho												
January	82.1	95.8	W	W	—	901.2	8.7	10.2	W	W	—	108.3
February	92.2	107.0	168.6	786.6	—	955.1	9.4	11.0	W	W	—	117.4
March	98.8	111.7	169.5	806.7	—	976.2	9.9	11.3	W	W	—	108.9
April	100.9	115.4	W	W	—	954.8	10.2	11.2	W	W	—	100.4
May	104.4	117.9	185.1	853.3	—	1,038.4	11.2	11.7	W	W	—	117.0
June	109.8	126.4	206.4	995.9	—	1,202.4	11.8	12.3	W	W	—	129.9
July	110.8	127.5	214.1	1,038.6	—	1,252.7	12.7	13.2	W	W	—	144.7
August	104.9	120.4	193.8	1,032.3	—	1,226.1	12.7	13.3	W	W	—	141.5
September	97.6	114.1	192.6	927.1	—	1,119.7	11.8	12.4	W	W	—	133.2
October	97.5	113.2	W	W	—	1,098.9	11.5	12.3	W	W	—	137.0
November	89.9	102.2	W	W	—	991.2	10.3	11.0	W	W	—	111.9
December	98.9	114.6	W	999.6	W	1,131.6	11.1	12.0	W	W	—	122.7
1998 Average	99.0	113.9	W	897.2	W	1,071.7	10.9	11.8	W	W	—	122.8
Montana												
January	W	11.4	W	W	—	841.5	W	W	—	53.2	—	53.2
February	W	12.3	W	W	—	882.2	W	W	—	58.2	—	58.2
March	W	13.0	W	W	—	960.2	W	W	—	45.5	—	45.5
April	W	12.9	W	W	—	1,046.7	W	W	—	29.9	—	29.9
May	W	13.8	W	W	—	1,079.9	W	W	—	W	—	W
June	W	17.1	W	W	—	1,183.4	W	W	—	W	—	W
July	W	17.9	W	W	—	1,344.2	W	W	—	W	—	W
August	W	16.7	—	1,244.3	—	1,244.3	W	W	—	W	—	W
September	W	14.8	W	W	—	1,093.2	W	W	—	40.9	—	40.9
October	W	14.5	—	1,045.2	—	1,045.2	W	W	—	42.9	—	42.9
November	W	12.3	W	W	—	956.6	W	W	—	50.4	—	50.4
December	W	11.4	—	937.1	—	937.1	W	W	—	50.5	—	50.5
1998 Average	W	14.0	W	W	—	1,052.4	W	W	—	43.2	—	43.2
Utah												
January	295.1	367.4	391.1	982.4	—	1,373.4	144.8	160.7	73.7	199.1	—	272.8
February	311.1	401.5	360.5	1,007.3	—	1,367.7	146.6	167.8	W	W	—	289.7
March	326.3	410.1	365.4	1,017.6	—	1,383.0	149.0	170.8	W	W	—	287.0
April	335.2	419.3	394.5	1,088.8	—	1,483.3	148.5	161.5	72.1	220.6	—	292.7
May	339.7	419.8	395.0	1,082.9	—	1,477.9	154.2	160.4	W	W	—	268.9
June	363.4	456.0	400.0	1,162.7	—	1,562.6	168.6	175.1	78.3	207.3	—	285.6
July	379.8	475.1	435.6	1,225.3	—	1,660.9	180.8	186.4	77.8	218.9	—	296.7
August	378.1	463.9	W	W	—	1,622.9	179.6	187.6	W	W	—	283.6
September	359.3	449.8	464.6	1,103.1	—	1,567.7	173.0	180.9	W	W	—	275.9
October	354.6	442.8	412.0	1,094.9	—	1,506.9	170.3	179.7	85.0	229.6	—	314.6
November	336.1	409.4	423.0	1,005.0	—	1,427.9	161.7	171.5	73.8	205.0	—	278.8
December	352.5	440.3	395.1	1,215.0	—	1,610.1	174.7	185.4	87.0	241.9	—	328.8
1998 Average	344.5	429.8	404.1	1,100.6	—	1,504.7	162.8	174.1	75.1	214.6	—	289.7
Wyoming												
January	W	35.1	W	W	—	435.2	W	W	—	4.4	—	4.4
February	W	37.8	W	W	—	456.5	W	W	—	4.4	—	4.4
March	W	37.0	W	W	—	484.6	W	W	—	4.6	—	4.6
April	W	21.3	W	W	—	504.3	W	W	—	4.1	—	4.1
May	W	22.9	W	W	—	579.8	W	W	—	W	—	W
June	W	25.8	W	W	—	713.6	W	W	—	W	—	W
July	W	54.8	W	W	—	693.6	W	W	—	W	—	W
August	W	47.7	W	W	—	639.2	W	W	—	W	—	W
September	W	42.8	W	W	—	576.1	W	W	—	6.5	—	6.5
October	W	39.2	W	W	—	557.0	W	W	—	4.9	—	4.9
November	W	34.1	W	W	—	454.4	W	W	W	W	—	13.0
December	W	32.6	W	W	—	454.5	W	W	W	W	—	10.0
1998 Average	W	36.0	W	W	—	546.3	W	W	W	W	—	6.8

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Idaho												
January	6.9	7.2	W	W	—	136.1	97.7	113.2	W	W	—	1,145.5
February	7.9	8.2	W	W	—	159.6	109.5	126.1	231.2	1,001.0	—	1,232.1
March	8.2	8.5	W	W	—	152.5	116.9	131.5	230.4	1,007.2	—	1,237.6
April	8.9	9.1	29.9	111.8	—	141.8	120.0	135.7	W	W	—	1,196.9
May	9.0	9.2	W	W	—	164.5	124.6	138.8	253.2	1,066.7	—	1,319.9
June	9.3	9.5	W	W	—	186.4	130.9	148.2	278.9	1,239.8	—	1,518.7
July	10.7	11.0	W	W	—	214.2	134.2	151.7	292.7	1,318.9	—	1,611.6
August	10.2	10.5	39.5	172.0	—	211.4	127.8	144.2	W	W	—	1,579.0
September	9.1	9.4	W	W	—	188.8	118.5	135.8	267.5	1,174.2	—	1,441.7
October	9.0	9.2	23.8	160.2	—	184.1	117.9	134.7	196.6	1,223.4	—	1,420.0
November	8.2	8.6	15.1	150.6	—	165.7	108.4	121.8	162.8	1,106.1	—	1,268.8
December	9.4	9.8	W	W	—	207.7	119.4	136.3	W	1,303.2	W	1,462.0
1998 Average	8.9	9.2	W	W	—	176.3	118.9	134.9	W	1,137.0	W	1,370.8
Montana												
January	W	W	—	180.0	—	180.0	W	14.8	W	W	—	1,074.7
February	W	W	—	188.5	—	188.5	W	16.1	W	W	—	1,128.9
March	W	W	—	220.0	—	220.0	W	16.9	W	W	—	1,225.6
April	W	W	W	W	—	222.8	W	16.6	W	W	—	1,299.4
May	W	W	—	W	—	W	W	18.2	W	W	—	1,369.5
June	W	W	W	280.7	—	W	W	22.7	W	W	—	1,499.3
July	W	W	W	341.5	—	W	W	24.6	W	W	—	1,726.8
August	W	W	—	W	—	W	W	22.6	—	1,596.8	—	1,596.8
September	W	W	W	W	—	270.3	W	19.9	W	W	—	1,404.4
October	W	W	—	258.0	—	258.0	W	19.5	—	1,346.1	—	1,346.1
November	W	W	W	W	—	235.8	W	16.5	W	W	—	1,242.8
December	W	W	—	250.2	—	250.2	W	15.7	—	1,237.9	—	1,237.9
1998 Average	W	W	W	W	—	252.0	W	18.7	W	W	—	1,347.6
Utah												
January	80.5	100.4	90.2	258.2	—	348.4	520.5	628.5	555.0	1,439.6	—	1,994.6
February	87.9	113.4	W	W	—	370.1	545.6	682.7	531.5	1,496.0	—	2,027.6
March	89.7	113.6	W	W	—	384.1	564.9	694.5	505.1	1,549.1	—	2,054.2
April	89.7	112.3	85.8	304.1	—	389.9	573.4	693.1	552.3	1,613.5	—	2,165.9
May	92.2	116.4	W	W	—	378.3	586.1	696.7	550.9	1,574.1	—	2,125.1
June	99.9	121.9	80.0	326.2	—	406.2	631.9	753.0	558.3	1,696.2	—	2,254.4
July	110.1	137.1	98.3	374.9	—	473.2	670.6	798.6	611.7	1,819.1	—	2,430.8
August	109.3	134.3	105.8	366.5	—	472.4	666.9	785.9	581.2	1,797.6	—	2,378.9
September	103.9	127.1	W	W	—	451.0	636.2	757.8	635.9	1,658.7	—	2,294.6
October	101.9	126.5	113.0	331.8	—	444.7	626.8	749.0	610.0	1,656.3	—	2,266.3
November	94.6	121.3	98.2	294.9	—	393.1	592.4	702.3	594.9	1,504.9	—	2,099.8
December	109.1	138.2	105.8	377.9	—	483.8	636.4	763.9	587.9	1,834.8	—	2,422.7
1998 Average	97.5	122.0	93.9	322.8	—	416.7	604.8	725.8	573.1	1,638.0	—	2,211.1
Wyoming												
January	W	W	W	W	—	90.4	W	47.4	W	W	—	529.9
February	W	W	W	W	—	100.3	W	51.8	W	W	—	561.1
March	W	W	W	W	—	110.4	W	50.9	W	W	—	599.6
April	W	W	W	W	—	110.1	W	28.4	W	W	—	618.5
May	W	W	W	W	—	W	W	30.9	W	W	—	714.7
June	W	W	W	W	—	W	W	34.4	W	W	—	900.1
July	W	W	W	W	—	W	W	76.5	W	W	—	871.4
August	W	W	W	W	—	W	W	67.5	W	W	—	817.0
September	W	W	W	W	—	136.8	W	58.8	W	W	—	719.4
October	W	W	W	W	—	132.0	W	53.4	W	W	—	693.9
November	W	W	W	W	—	101.0	W	47.7	W	W	—	568.4
December	W	W	W	W	—	118.0	W	46.6	W	W	—	582.5
1998 Average	W	W	W	W	—	129.1	W	49.6	W	W	—	682.1

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
PAD District V												
January	8,671.8	8,808.2	W	10,030.9	W	32,699.5	1,834.9	1,851.6	W	1,108.5	W	5,265.7
February	9,367.1	9,514.4	W	10,299.2	W	34,208.1	1,943.1	1,957.1	W	1,121.2	W	5,392.2
March	9,628.4	9,756.5	W	10,967.7	W	35,114.8	1,998.7	2,010.9	W	W	W	5,551.0
April	8,756.4	8,878.5	18,630.0	W	W	32,880.4	1,864.7	1,872.5	4,188.3	W	W	5,313.9
May	8,832.9	8,942.1	W	10,119.5	W	33,294.3	1,903.3	1,915.4	W	W	W	5,372.0
June	8,936.2	9,051.3	W	11,140.1	W	34,339.4	1,958.2	1,973.4	W	1,183.9	W	5,535.7
July	9,867.5	10,101.6	19,013.3	12,502.4	5,411.6	36,927.3	2,195.0	2,221.3	4,388.4	W	W	5,767.6
August	9,790.9	9,997.2	19,040.8	12,372.2	4,986.9	36,399.9	2,209.4	2,237.9	4,429.0	W	W	5,782.0
September	10,336.5	10,592.9	18,508.0	12,024.1	5,364.7	35,896.7	2,309.4	2,341.6	4,314.3	W	W	5,610.3
October	9,818.4	10,054.4	18,828.7	W	W	34,980.3	2,177.0	2,200.3	W	W	NA	5,722.6
November	9,426.0	9,621.6	17,871.9	W	W	33,342.4	2,245.9	2,267.3	4,229.2	W	W	5,556.9
December	10,070.8	10,292.3	W	11,214.4	W	34,813.6	2,384.7	2,445.6	W	W	W	5,622.1
1998 Average	9,460.4	9,636.3	18,592.3	11,043.4	4,947.1	34,582.8	2,086.4	2,109.1	W	1,206.5	W	5,542.6
Alaska												
January	212.2	214.7	W	212.0	W	301.2	W	W	W	W	—	W
February	185.1	188.9	W	217.3	W	295.5	W	W	W	W	—	W
March	200.4	205.1	W	210.5	W	324.8	15.8	15.8	W	W	—	8.1
April	201.7	207.9	69.2	W	W	370.8	15.5	15.5	W	W	—	8.0
May	237.0	245.6	77.8	W	W	477.5	18.4	18.5	W	W	—	8.8
June	254.8	263.0	W	418.0	W	541.5	19.5	19.5	W	W	—	11.1
July	263.3	270.1	W	417.3	W	619.6	19.5	19.5	W	W	—	10.2
August	249.4	256.1	W	402.6	W	525.5	18.9	18.9	W	W	—	10.6
September	235.4	257.4	W	369.1	W	472.2	18.9	18.9	W	W	—	9.5
October	251.1	254.5	81.5	W	W	366.9	24.6	24.7	W	W	—	9.6
November	228.1	230.6	W	W	—	324.6	20.3	20.3	W	W	—	9.6
December	246.4	250.5	W	243.7	W	341.2	21.5	21.5	W	W	—	10.4
1998 Average	230.8	237.4	W	299.7	W	414.3	19.0	19.0	W	W	—	9.4
Arizona												
January	1,698.8	1,709.9	1,187.1	W	W	2,234.4	273.4	273.8	186.7	61.1	—	247.7
February	1,843.9	1,857.4	1,273.4	W	W	2,364.1	294.5	294.9	193.3	60.8	—	254.0
March	1,853.3	1,864.4	1,275.3	1,019.3	151.1	2,445.6	293.4	293.9	189.5	68.2	—	257.6
April	1,762.0	1,770.4	1,241.3	922.2	141.1	2,304.6	288.8	288.8	182.2	67.7	—	249.9
May	1,718.5	1,726.4	1,195.1	W	W	2,230.4	287.1	287.6	W	W	—	253.4
June	1,712.1	1,721.2	W	938.4	W	2,192.5	296.5	297.0	181.8	74.5	—	256.3
July	1,945.2	1,956.9	W	978.9	W	2,255.5	346.0	346.0	178.5	78.3	—	256.8
August	1,965.2	1,975.0	W	1,024.7	W	2,391.6	348.8	349.1	171.5	82.3	—	253.8
September	2,059.8	2,072.3	1,145.5	1,060.1	294.6	2,500.2	361.4	361.4	168.5	83.7	—	252.2
October	2,096.6	2,113.8	1,168.2	W	W	2,514.9	346.2	346.8	175.7	81.8	—	257.5
November	1,989.2	2,002.5	1,085.5	W	W	2,388.8	353.2	353.2	161.7	79.1	—	240.8
December	2,078.2	2,088.9	W	1,107.5	W	2,361.6	377.8	377.8	166.9	86.9	—	253.8
1998 Average	1,894.1	1,905.5	1,176.4	1,007.8	164.3	2,348.6	322.5	322.7	178.2	74.6	—	252.9
California												
January	5,123.2	5,176.0	12,990.6	4,323.8	4,397.7	21,712.2	1,244.3	1,250.1	3,252.3	W	W	3,910.1
February	5,485.6	5,544.4	13,454.8	4,303.9	4,797.0	22,555.7	1,311.5	1,314.7	W	616.5	W	3,998.6
March	5,564.7	5,605.1	13,861.4	4,639.8	4,117.4	22,618.5	1,350.4	1,354.7	3,445.0	W	W	4,140.8
April	4,816.8	4,845.4	13,620.9	3,430.5	3,455.3	20,506.7	1,221.9	1,222.7	3,359.4	W	W	3,947.8
May	4,929.4	4,948.6	13,738.0	3,815.8	3,584.3	21,138.1	1,253.8	1,255.7	3,373.2	W	W	3,928.6
June	5,020.5	5,041.7	13,764.6	4,064.5	3,560.7	21,389.8	1,291.8	1,293.6	3,404.6	W	W	4,008.5
July	5,736.6	5,873.4	13,917.2	5,104.9	4,434.2	23,456.2	1,472.6	1,485.5	3,456.7	W	W	4,188.9
August	5,682.2	5,794.0	13,920.7	5,137.9	3,809.7	22,868.4	1,480.6	1,493.4	3,496.6	W	W	4,204.6
September	6,043.2	6,184.4	13,517.1	5,175.8	3,959.3	22,652.2	1,556.9	1,574.1	3,407.2	W	W	4,102.4
October	5,559.2	5,683.6	13,618.2	4,826.1	4,243.6	22,688.0	1,439.2	1,453.3	3,500.5	658.1	NA	4,176.1
November	5,445.1	5,546.2	13,202.5	4,750.3	3,619.1	21,571.9	1,511.1	1,523.6	W	680.3	W	4,042.8
December	5,885.6	6,007.7	13,720.4	5,360.3	4,358.3	23,438.9	1,610.7	1,625.1	3,485.7	W	W	4,185.4
1998 Average	5,441.8	5,522.0	13,612.7	4,582.5	4,025.9	22,221.1	1,396.1	1,404.6	3,407.4	W	W	4,070.6

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
PAD District V												
January	1,552.8	1,576.2	4,861.8	1,546.8	547.7	6,956.3	12,059.5	12,235.9	W	12,686.2	W	44,921.5
February	1,710.2	1,731.7	5,238.2	1,534.8	495.3	7,268.3	13,020.4	13,203.2	W	12,955.2	W	46,868.5
March	1,831.5	1,854.4	5,571.2	W	W	7,826.7	13,458.6	13,621.9	W	13,878.5	W	48,492.5
April	1,722.8	1,745.7	W	1,633.1	W	7,754.4	12,343.9	12,496.7	W	12,434.0	W	45,948.7
May	1,675.6	1,699.3	5,267.5	W	W	7,695.7	12,411.9	12,556.8	W	12,808.6	W	46,362.0
June	1,732.6	1,756.3	5,420.1	1,815.1	859.5	8,094.7	12,627.0	12,781.0	W	14,139.0	W	47,969.8
July	1,931.7	1,964.8	5,604.5	W	W	8,591.6	13,994.3	14,287.7	29,006.1	16,065.7	6,214.6	51,286.5
August	1,963.7	1,996.9	5,700.1	W	W	8,905.9	13,963.9	14,232.0	29,169.9	15,886.6	6,031.3	51,087.8
September	2,035.8	2,070.4	5,593.2	W	W	8,518.3	14,681.7	15,004.9	28,415.5	15,395.2	6,214.7	50,025.4
October	1,947.3	1,980.2	W	1,983.7	W	8,680.0	13,942.6	14,234.9	W	14,378.2	W	49,382.9
November	1,900.9	1,928.5	W	2,033.2	W	8,501.9	13,572.9	13,817.4	W	14,226.1	W	47,401.2
December	2,003.0	2,035.0	5,729.4	W	W	8,734.1	14,458.5	14,772.9	28,823.5	14,442.0	5,904.3	49,169.9
1998 Average	1,834.9	1,862.5	W	1,868.1	W	8,133.4	13,381.6	13,607.9	28,384.4	14,118.1	5,756.3	48,258.8
Alaska												
January	W	W	11.3	W	W	W	291.5	294.0	W	237.9	W	350.2
February	W	W	11.3	W	—	W	251.5	255.3	W	241.8	W	338.8
March	53.5	53.7	W	W	—	41.7	269.7	274.7	W	239.5	W	374.6
April	64.0	64.3	W	W	—	46.9	281.1	287.8	W	295.4	W	425.7
May	34.9	35.6	15.1	42.0	—	57.1	290.4	299.7	W	362.8	W	543.4
June	36.2	36.6	W	W	—	58.7	310.5	319.1	W	461.9	W	611.3
July	37.7	38.1	W	W	—	57.7	320.5	327.6	W	459.9	W	687.5
August	35.1	35.7	W	W	—	56.9	303.5	310.7	W	445.2	W	593.0
September	33.7	34.1	W	W	—	58.4	288.0	310.4	W	412.6	W	540.1
October	39.8	40.0	16.8	31.7	—	48.5	315.5	319.3	W	296.8	W	425.0
November	33.9	34.1	W	W	—	52.0	282.3	285.0	W	W	—	386.2
December	39.0	39.1	17.0	W	W	61.4	306.9	311.2	W	283.8	W	412.9
1998 Average	43.2	43.5	15.1	W	W	51.3	293.0	299.9	W	336.6	W	475.0
Arizona												
January	272.3	273.3	251.1	W	W	459.8	2,244.5	2,257.0	1,624.8	1,181.7	135.4	2,941.9
February	304.9	305.5	274.8	W	W	426.1	2,443.3	2,457.8	1,741.4	1,168.2	134.6	3,044.3
March	319.8	320.8	277.8	163.2	—	441.0	2,466.5	2,479.1	1,742.5	1,250.7	151.1	3,144.3
April	300.3	301.2	267.1	144.8	NA	414.4	2,351.1	2,360.4	1,690.6	1,134.7	143.6	2,968.9
May	298.5	299.8	W	143.8	W	430.0	2,304.2	2,313.7	1,647.9	W	W	2,913.8
June	313.8	314.4	W	W	—	421.4	2,322.3	2,332.6	1,596.3	W	W	2,870.2
July	364.8	365.9	W	168.9	W	476.9	2,656.0	2,668.8	1,594.9	1,226.1	168.2	2,989.2
August	374.8	375.5	W	172.6	W	457.7	2,688.8	2,699.6	1,594.1	1,279.5	229.5	3,103.2
September	387.0	387.9	277.5	171.0	39.9	488.4	2,808.2	2,821.6	1,591.4	1,314.8	334.6	3,240.8
October	384.7	385.4	286.9	W	W	475.1	2,827.5	2,846.0	1,630.8	1,408.0	208.7	3,247.5
November	388.9	389.7	279.8	W	W	463.9	2,731.4	2,745.4	1,527.0	1,353.3	213.2	3,093.5
December	403.7	404.0	W	195.1	W	488.4	2,859.7	2,870.7	1,579.7	1,389.5	134.6	3,103.8
1998 Average	343.1	343.9	274.9	166.6	12.4	453.9	2,559.6	2,572.1	1,629.5	1,249.1	176.7	3,055.3
California												
January	959.9	963.9	3,865.2	W	W	5,014.3	7,327.3	7,389.9	20,108.1	5,620.9	4,907.5	30,636.5
February	1,052.3	1,053.8	W	680.2	W	5,209.8	7,849.5	7,912.9	20,962.1	5,600.6	5,201.4	31,764.1
March	1,132.6	1,134.2	4,429.3	W	W	5,619.6	8,047.6	8,094.0	21,735.6	6,055.7	4,587.6	32,378.9
April	1,037.5	1,038.4	4,244.3	W	W	5,500.5	7,076.1	7,106.6	21,224.6	4,618.2	4,112.2	29,955.0
May	1,019.9	1,020.6	4,138.6	W	W	5,457.0	7,203.1	7,224.9	21,249.8	4,955.6	4,318.3	30,523.7
June	1,052.3	1,053.9	4,255.3	W	W	5,656.3	7,364.6	7,389.2	21,424.6	5,343.6	4,286.3	31,054.5
July	1,185.5	1,194.1	4,394.7	W	W	5,968.6	8,394.7	8,553.0	21,768.7	6,758.0	5,087.0	33,613.7
August	1,206.5	1,216.4	4,476.2	W	W	6,303.6	8,369.3	8,503.8	21,893.6	6,784.7	4,698.3	33,376.6
September	1,262.0	1,270.9	4,388.2	W	W	6,057.7	8,862.2	9,029.4	21,312.4	6,809.6	4,690.4	32,812.3
October	1,172.5	1,183.9	4,451.5	930.4	855.0	6,236.9	8,170.9	8,320.8	21,570.2	6,414.7	5,116.1	33,101.0
November	1,145.7	1,153.9	W	948.4	W	6,068.4	8,101.9	8,223.8	20,909.7	6,379.1	4,394.3	31,683.1
December	1,215.5	1,226.6	4,506.2	W	W	6,399.7	8,711.9	8,859.4	21,712.2	7,022.7	5,289.1	34,024.0
1998 Average	1,120.7	1,126.4	4,306.6	W	W	5,795.5	7,958.6	8,053.0	21,326.7	6,036.5	4,724.0	32,087.2

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
Hawaii												
January	129.7	184.1	320.6	60.4	—	381.0	20.6	30.9	89.3	W	—	W
February	137.0	192.5	332.5	65.4	—	397.8	22.9	33.1	92.3	W	—	W
March	141.3	199.2	333.5	57.3	—	390.8	23.1	30.2	W	W	—	94.7
April	138.4	197.9	325.0	69.0	—	394.0	23.1	29.9	W	W	—	91.5
May	142.4	202.6	323.9	60.6	—	384.5	23.3	30.6	W	W	—	93.8
June	141.6	206.3	328.2	69.7	—	397.9	22.4	29.5	W	W	—	95.2
July	143.7	210.7	331.7	72.3	—	404.0	23.8	30.8	90.7	3.1	—	93.8
August	141.4	207.7	330.4	63.3	—	393.7	24.7	33.3	88.4	2.3	—	90.7
September	138.2	204.2	325.4	68.0	—	393.4	24.1	32.3	88.9	3.7	—	92.6
October	148.9	223.8	348.8	70.6	—	419.4	27.0	35.6	94.9	3.7	—	98.6
November	135.5	205.2	310.4	65.2	—	375.6	22.8	31.6	83.9	4.4	—	88.3
December	140.5	211.9	323.9	67.7	—	391.6	23.0	31.7	92.6	4.3	—	96.9
1998 Average	139.9	204.0	327.9	65.8	—	393.7	23.4	31.6	90.5	3.0	—	93.6
Nevada												
January	118.7	126.5	727.1	W	W	1,286.1	W	W	153.4	37.9	—	191.2
February	130.0	138.0	745.7	W	W	1,353.4	W	W	158.6	47.0	—	205.6
March	149.3	157.5	798.9	W	W	1,431.1	30.3	30.3	158.7	47.9	—	206.6
April	136.4	147.1	761.7	W	W	1,349.6	28.6	28.6	115.1	80.2	—	195.3
May	147.6	154.2	775.7	W	W	1,331.3	31.3	33.5	W	W	—	244.5
June	151.4	153.5	W	721.6	W	1,533.4	33.5	39.0	W	W	—	265.4
July	147.8	151.0	773.0	W	W	1,686.1	34.3	40.5	W	W	—	279.9
August	134.3	137.3	777.7	W	W	1,628.5	32.4	39.3	W	W	—	278.2
September	147.4	150.2	736.8	W	W	1,527.5	35.4	41.6	W	W	—	235.0
October	147.5	153.7	765.8	W	W	1,614.7	33.9	33.9	184.4	60.4	—	244.7
November	140.6	143.4	721.1	587.2	149.6	1,458.0	35.9	35.9	164.3	48.2	—	212.5
December	153.3	157.0	766.7	587.3	138.4	1,492.4	37.6	43.5	174.4	47.1	—	221.5
1998 Average	142.1	147.5	W	613.0	W	1,475.4	32.6	35.3	W	W	—	232.0
Oregon												
January	396.1	399.3	W	1,745.1	W	2,761.5	51.7	51.8	83.1	122.6	—	205.6
February	441.4	445.8	W	1,683.7	W	2,616.4	54.6	54.6	91.1	112.2	—	203.3
March	490.1	491.6	812.0	W	W	2,868.8	61.0	61.0	94.6	122.6	—	217.2
April	484.8	489.3	825.3	1,790.8	326.8	2,942.9	60.7	60.7	90.3	118.6	—	208.9
May	472.2	475.6	W	1,691.5	W	2,638.8	60.5	60.5	92.6	108.5	—	201.2
June	476.9	480.8	848.2	1,942.7	213.5	3,004.4	64.1	64.1	96.5	126.5	—	222.9
July	472.5	477.4	868.7	W	W	3,013.6	66.4	66.4	100.5	142.4	—	242.8
August	442.6	446.7	871.8	W	W	3,268.8	65.2	65.3	104.4	144.7	—	249.1
September	472.2	480.5	W	1,842.6	W	3,220.2	66.7	67.4	104.1	128.0	—	232.0
October	469.0	474.8	W	1,608.9	W	2,667.5	67.4	67.4	107.5	122.1	—	229.5
November	426.0	429.1	745.9	W	W	2,670.2	67.4	67.4	W	W	—	326.4
December	440.0	443.7	W	1,427.8	W	2,434.2	70.7	101.8	100.9	122.0	—	222.9
1998 Average	457.0	461.2	822.1	1,762.6	258.2	2,842.8	63.1	65.8	97.0	133.2	—	230.2
Washington												
January	993.0	997.7	W	2,275.0	W	4,023.2	196.4	196.6	338.6	271.9	—	610.5
February	1,144.1	1,147.5	1,640.4	2,537.8	446.9	4,625.1	215.4	215.7	346.4	281.3	—	627.6
March	1,229.4	1,233.6	W	2,676.6	W	5,035.1	224.8	224.9	356.9	269.1	—	626.0
April	1,216.4	1,220.5	1,786.6	2,722.5	502.6	5,011.7	226.1	226.3	W	W	—	612.6
May	1,185.8	1,189.1	1,850.9	2,791.8	451.1	5,093.8	229.0	229.1	362.1	279.7	—	641.7
June	1,179.0	1,184.8	1,898.4	2,985.2	396.4	5,279.9	230.5	230.8	377.8	298.4	—	676.2
July	1,158.4	1,162.1	1,890.7	3,143.9	457.8	5,492.3	232.4	232.6	378.6	316.5	—	695.1
August	1,175.8	1,180.3	1,900.9	3,036.5	386.1	5,323.5	238.7	238.7	379.9	315.0	—	694.9
September	1,240.2	1,243.8	1,851.3	W	W	5,130.9	246.0	246.0	371.9	314.7	—	686.6
October	1,146.1	1,150.1	W	2,530.3	W	4,708.9	238.6	238.6	403.2	303.3	—	706.5
November	1,061.5	1,064.6	W	2,550.3	W	4,553.3	235.2	235.2	358.5	278.2	—	636.7
December	1,126.9	1,132.6	W	2,420.0	W	4,353.7	243.4	244.2	W	W	—	631.2
1998 Average	1,154.6	1,158.8	1,814.6	2,712.0	360.3	4,886.9	229.8	230.0	364.5	289.5	—	654.0

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
Hawaii												
January	53.1	71.2	160.0	W	—	W	203.5	286.2	569.9	82.5	—	652.4
February	61.2	80.3	162.4	W	—	W	221.1	305.9	587.2	88.1	—	675.3
March	58.1	78.3	W	W	—	182.9	222.5	307.7	590.1	78.3	—	668.4
April	56.8	77.3	W	W	—	179.5	218.3	305.2	571.1	93.9	—	665.0
May	59.2	80.0	W	W	—	178.6	224.8	313.3	575.0	81.9	—	656.9
June	58.6	79.6	W	W	—	187.5	222.5	315.4	586.0	94.6	—	680.5
July	61.1	83.7	162.7	22.9	—	185.7	228.5	325.3	585.1	98.3	—	683.5
August	60.9	82.8	162.1	21.2	—	183.3	227.1	323.8	580.9	86.8	—	667.7
September	59.6	83.3	163.3	23.5	—	186.9	222.0	319.8	577.6	95.3	—	672.9
October	64.0	84.3	171.2	22.7	—	194.0	239.9	343.7	615.0	97.1	—	712.0
November	58.2	76.3	150.6	22.3	—	172.9	216.5	313.1	544.9	92.0	—	636.9
December	60.8	80.4	161.9	23.1	—	185.1	224.2	324.0	578.5	95.2	—	673.6
1998 Average	59.3	79.8	161.7	21.5	—	183.2	222.6	315.4	580.2	90.3	—	670.5
Nevada												
January	W	W	172.8	W	W	258.5	170.3	178.1	1,053.3	593.2	89.4	1,735.8
February	W	W	180.1	W	W	270.9	184.7	192.7	1,084.4	654.6	90.9	1,829.9
March	29.3	29.3	196.8	W	W	311.7	208.9	217.1	1,154.4	703.7	91.3	1,949.4
April	25.7	25.7	191.0	W	W	324.4	190.7	201.4	1,067.8	W	W	1,869.3
May	27.9	27.9	W	W	—	316.1	206.8	215.6	1,127.7	W	W	1,891.9
June	29.7	29.7	199.6	W	W	371.9	214.7	222.2	1,149.3	W	W	2,170.7
July	31.9	31.9	219.0	185.2	20.6	424.8	214.0	223.4	W	1,052.7	W	2,390.8
August	29.7	29.7	219.1	164.1	NA	403.7	196.4	206.3	W	960.1	W	2,310.4
September	31.9	31.9	199.2	127.5	21.0	347.6	214.8	223.7	W	838.0	W	2,110.1
October	30.5	30.5	209.5	W	W	354.8	211.9	218.2	1,159.7	904.1	150.4	2,214.3
November	30.5	30.5	215.4	120.2	22.0	357.5	207.1	209.9	1,100.8	755.6	171.6	2,028.0
December	30.8	30.8	207.5	101.9	14.3	323.7	221.7	231.4	1,148.6	736.4	152.7	2,037.6
1998 Average	28.9	28.9	W	W	13.6	339.2	203.6	211.8	W	806.9	W	2,046.6
Oregon												
January	47.0	47.1	W	213.3	W	316.1	494.8	498.2	899.2	2,080.9	303.1	3,283.2
February	53.1	53.3	W	191.5	W	323.5	549.1	553.7	961.6	1,987.4	194.3	3,143.2
March	61.1	61.1	121.5	W	W	375.9	612.1	613.6	1,028.1	2,176.0	257.8	3,461.9
April	60.4	60.6	119.6	218.0	27.6	365.2	605.9	610.5	1,035.2	2,127.5	354.3	3,517.0
May	59.8	60.0	W	222.2	W	349.9	592.5	596.0	W	2,022.2	W	3,189.9
June	64.5	64.7	123.4	256.2	41.9	421.5	605.5	609.6	1,068.1	2,325.3	255.4	3,648.8
July	67.5	67.8	135.1	W	W	447.1	606.5	611.5	1,104.3	2,456.5	142.7	3,703.5
August	66.9	67.1	141.0	W	W	474.6	574.7	579.1	1,117.2	2,455.1	420.2	3,992.5
September	67.5	68.3	W	267.6	W	424.8	606.3	616.2	1,096.0	2,238.1	542.9	3,877.0
October	67.9	68.3	W	256.6	W	460.0	604.3	610.5	W	1,987.6	W	3,357.0
November	61.4	61.6	W	299.0	W	539.6	554.8	558.1	1,077.0	W	W	3,536.2
December	66.6	66.9	W	226.4	W	379.4	577.3	612.3	W	1,776.1	W	3,036.5
1998 Average	62.0	62.3	139.1	249.0	18.7	406.8	582.1	589.3	1,058.2	2,144.8	276.9	3,479.8
Washington												
January	138.1	138.1	W	342.2	W	687.8	1,327.5	1,332.4	2,208.4	2,889.1	223.9	5,321.4
February	161.7	161.7	335.2	395.4	89.8	820.3	1,521.2	1,524.9	2,322.0	3,214.5	536.6	6,073.0
March	177.1	177.1	W	428.9	W	853.9	1,631.3	1,635.7	W	3,374.5	W	6,515.0
April	178.1	178.1	W	436.0	W	923.5	1,620.7	1,624.9	2,502.6	W	W	6,547.8
May	175.3	175.3	374.1	451.7	81.2	907.1	1,590.1	1,593.6	2,587.1	3,523.2	532.3	6,642.6
June	177.4	177.4	389.3	485.2	102.9	977.4	1,586.8	1,592.9	2,665.5	3,768.8	499.3	6,933.6
July	183.2	183.2	398.5	553.8	78.4	1,030.8	1,574.0	1,578.0	2,667.8	4,014.2	536.2	7,218.2
August	189.7	189.7	410.0	523.7	92.5	1,026.1	1,604.2	1,608.7	2,690.8	3,875.1	478.5	7,044.5
September	194.0	194.0	407.4	W	W	954.6	1,680.2	1,683.8	2,630.5	3,686.8	454.7	6,772.1
October	187.8	187.8	W	436.3	W	910.7	1,572.5	1,576.5	2,834.1	3,269.9	NA	6,326.0
November	182.4	182.4	W	425.5	W	847.5	1,479.0	1,482.2	2,511.2	3,254.0	272.2	6,037.4
December	186.5	187.2	412.1	W	W	896.4	1,556.8	1,564.0	W	3,138.4	W	5,881.3
1998 Average	177.7	177.7	385.5	452.3	65.6	903.4	1,562.0	1,566.5	2,564.6	3,453.9	425.9	6,444.4

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Note: 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 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												
January	33,177.2	34,690.6	19,370.8	133,144.1	32,691.0	185,205.9	4,123.8	4,154.0	3,780.0	6,946.2	—	10,726.2
February	34,982.2	36,460.3	20,433.1	137,937.1	31,470.5	189,840.6	3,923.6	3,954.4	3,674.9	6,513.4	—	10,188.4
March	37,598.4	39,137.5	21,474.3	144,372.0	29,697.5	195,543.8	2,947.2	2,972.1	3,243.6	4,126.4	—	7,370.0
April	34,901.4	36,438.7	22,519.1	148,658.4	39,120.8	210,298.2	2,159.0	2,174.7	1,880.2	3,562.0	—	5,442.2
May	35,698.2	37,200.2	22,890.9	150,690.5	35,704.2	209,285.5	2,007.8	2,022.5	1,824.9	3,446.9	—	5,271.8
June	36,351.1	37,897.0	23,252.4	157,837.8	38,644.7	219,734.8	2,006.0	2,020.0	1,897.6	4,061.9	—	5,959.6
July	39,608.7	41,148.5	23,236.5	161,662.5	33,154.7	218,053.7	1,935.6	1,952.5	2,005.6	3,762.0	—	5,767.6
August	39,434.5	41,077.6	22,891.5	155,997.7	31,136.9	210,026.0	1,865.6	1,882.1	2,050.6	3,571.7	—	5,622.3
September	37,582.4	39,188.2	21,561.1	151,563.8	26,328.4	199,453.3	2,071.6	2,088.1	2,723.6	4,224.7	—	6,948.4
October	38,894.1	40,485.0	22,838.8	150,430.9	25,191.6	198,461.3	2,112.9	2,138.7	3,346.7	5,941.2	—	9,287.8
November	37,052.3	38,512.4	20,352.1	143,788.5	25,764.3	189,904.9	3,474.2	3,501.5	4,456.9	7,396.7	—	11,853.6
December	37,771.5	39,137.4	20,656.5	149,942.8	29,402.1	200,001.4	3,551.5	3,619.6	4,686.0	7,747.3	—	12,433.3
1998 Average	36,941.9	38,468.9	21,799.5	148,907.3	31,515.7	202,222.4	2,674.2	2,699.3	2,960.8	5,100.1	—	8,060.9
PAD District I												
January	11,218.5	11,777.9	8,100.7	42,880.8	4,263.8	55,245.3	—	—	—	—	—	—
February	11,800.2	12,387.9	8,606.7	44,093.9	4,475.6	57,176.2	—	—	—	—	—	—
March	12,265.5	12,829.7	8,672.6	45,445.1	2,618.6	56,736.4	—	—	—	—	—	—
April	12,204.3	12,794.5	8,683.8	46,864.4	3,222.2	58,770.5	—	—	—	—	—	—
May	12,166.3	12,715.1	8,663.3	46,460.1	3,231.8	58,355.2	—	—	—	—	—	—
June	12,337.7	12,892.6	8,821.7	47,809.6	5,250.1	61,881.4	—	—	—	—	—	—
July	12,374.9	12,932.6	8,777.2	48,288.4	3,894.4	60,960.0	—	—	—	—	—	—
August	12,352.3	12,870.0	8,680.3	47,849.2	4,088.0	60,617.5	—	—	—	—	—	—
September	11,796.0	12,323.8	8,344.0	46,382.2	3,483.8	58,210.0	—	—	—	—	—	—
October	12,225.9	12,765.2	8,809.8	46,695.0	2,653.2	58,158.0	—	—	—	—	—	—
November	11,921.0	12,429.9	8,467.6	45,025.4	4,224.8	57,717.9	—	—	—	—	—	—
December	12,152.2	12,659.8	8,584.9	46,685.1	5,559.2	60,829.2	—	—	—	—	—	—
1998 Average	12,070.1	12,616.8	8,601.2	46,220.5	3,907.7	58,729.5	—	—	—	—	—	—
Subdistrict IA												
January	—	—	W	W	—	954.3	—	—	—	—	—	—
February	—	—	W	W	—	914.5	—	—	—	—	—	—
March	—	—	W	715.6	W	846.5	—	—	—	—	—	—
April	—	—	W	W	—	768.5	—	—	—	—	—	—
May	—	—	W	W	—	855.3	—	—	—	—	—	—
June	—	—	W	870.3	W	991.5	—	—	—	—	—	—
July	—	—	W	1,033.8	W	1,202.7	—	—	—	—	—	—
August	—	—	W	1,032.1	W	1,385.0	—	—	—	—	—	—
September	—	—	W	W	—	992.2	—	—	—	—	—	—
October	—	—	W	874.0	W	968.6	—	—	—	—	—	—
November	—	—	W	791.1	W	884.4	—	—	—	—	—	—
December	—	—	W	824.5	W	956.8	—	—	—	—	—	—
1998 Average	—	—	W	859.3	W	977.9	—	—	—	—	—	—
Connecticut												
January	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	W	W	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—
October	—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—	—	—
1998 Average	—	—	—	—	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
United States												
January	20,753.6	21,061.1	45,582.8	28,953.3	9,415.9	83,952.0	58,054.6	59,905.7	68,733.6	169,043.5	42,107.0	279,884.1
February	21,658.4	21,985.1	47,279.4	30,294.1	8,617.1	86,190.7	60,564.2	62,399.8	71,387.4	174,744.6	40,087.6	286,219.7
March	22,102.8	22,424.0	48,469.9	31,223.5	8,644.7	88,338.1	62,648.4	64,533.5	73,187.9	179,721.8	38,342.2	291,251.9
April	20,095.5	20,398.9	48,547.0	30,570.8	9,750.2	88,868.0	57,156.0	59,012.3	72,946.2	182,791.1	48,871.0	304,608.3
May	20,008.5	20,287.0	48,573.3	31,469.9	10,830.7	90,874.0	57,714.4	59,509.7	73,289.1	185,607.3	46,534.9	305,431.4
June	20,630.5	20,920.0	49,441.3	32,449.1	8,750.7	90,641.1	58,987.6	60,837.0	74,591.3	194,348.8	47,395.4	316,335.5
July	23,697.7	24,082.3	49,731.9	33,719.2	11,477.6	94,928.7	65,242.0	67,183.3	74,974.0	199,143.7	44,632.3	318,750.0
August	23,524.4	23,871.3	49,405.8	34,195.4	9,350.1	92,951.3	64,824.5	66,831.0	74,347.9	193,764.7	40,487.0	308,599.6
September	23,488.2	23,870.6	48,563.4	32,977.8	11,549.2	93,090.5	63,142.2	65,146.9	72,848.1	188,766.4	37,877.6	299,492.1
October	22,124.0	22,498.1	48,219.1	32,941.8	9,809.0	90,969.9	63,131.0	65,121.8	74,404.6	189,313.8	35,000.6	298,719.1
November	21,499.5	21,832.9	46,774.4	31,896.1	9,727.1	88,397.6	62,026.0	63,846.8	71,583.4	183,081.4	35,491.4	290,156.2
December	22,251.8	22,644.5	47,655.6	33,695.4	10,695.5	92,046.5	63,574.8	65,401.5	72,998.2	191,385.4	40,097.6	304,481.2
1998 Average	21,825.2	22,162.1	48,192.9	32,047.1	9,894.6	90,134.6	61,441.2	63,330.3	72,953.2	186,054.4	41,410.3	300,417.9
PAD District I												
January	3,953.9	4,131.9	19,284.8	13,974.7	4,089.5	37,349.0	15,172.4	15,909.9	27,385.5	56,855.5	8,353.4	92,594.3
February	4,107.9	4,289.9	19,874.4	14,944.1	3,305.4	38,123.9	15,908.0	16,677.9	28,481.1	59,038.0	7,781.0	95,300.1
March	4,213.1	4,403.7	20,162.0	15,061.1	3,161.4	38,384.6	16,478.6	17,233.5	28,834.7	60,506.3	5,780.0	95,120.9
April	4,340.3	4,533.2	20,381.3	15,541.2	4,172.6	40,095.1	16,544.6	17,327.6	29,065.1	62,405.6	7,394.8	98,865.5
May	4,478.0	4,659.6	20,367.2	15,979.1	5,335.5	41,681.7	16,644.3	17,374.7	29,030.5	62,439.2	8,567.3	100,036.9
June	4,628.1	4,829.6	20,906.4	16,388.5	4,471.8	41,766.6	16,965.8	17,722.2	29,728.0	64,198.1	9,721.8	103,648.0
July	4,758.3	4,940.9	20,866.6	16,785.6	6,344.0	43,996.3	17,133.3	17,873.5	29,643.8	65,074.0	10,238.4	104,956.3
August	4,704.3	4,864.0	20,526.6	16,734.4	4,747.7	42,008.7	17,056.6	17,734.0	29,206.9	64,583.6	8,835.6	102,626.2
September	4,469.9	4,628.9	20,438.2	15,794.1	5,425.7	41,658.0	16,265.9	16,952.7	28,782.1	62,176.3	8,909.5	99,868.0
October	4,458.2	4,621.8	20,898.4	15,489.8	4,267.7	40,655.8	16,684.1	17,387.0	29,708.2	62,184.8	6,920.8	98,813.8
November	4,365.0	4,520.8	20,573.3	14,876.2	3,931.9	39,381.4	16,285.9	16,950.7	29,040.9	59,901.6	8,156.8	97,099.2
December	4,390.8	4,553.3	20,533.5	15,641.8	3,315.8	39,491.0	16,543.0	17,213.1	29,118.3	62,326.9	8,875.0	100,320.2
1998 Average	4,407.6	4,583.4	20,403.5	15,605.7	4,388.3	40,397.5	16,477.7	17,200.2	29,004.7	61,826.3	8,296.0	99,127.0
Subdistrict IA												
January	652.6	660.3	W	W	958.8	9,918.5	652.6	660.3	4,078.6	5,835.4	958.8	10,872.8
February	682.2	690.3	4,169.5	W	W	9,653.8	682.2	690.3	W	5,873.6	W	10,568.3
March	683.6	692.1	W	4,922.1	W	9,524.7	683.6	692.1	4,287.9	5,637.8	445.5	10,371.2
April	726.0	735.5	W	W	843.5	10,118.9	726.0	735.5	4,392.3	5,651.6	843.5	10,887.4
May	757.8	765.2	W	W	854.7	10,530.2	757.8	765.2	4,495.0	6,035.8	854.7	11,385.5
June	769.0	778.4	W	5,213.2	W	11,103.9	769.0	778.4	4,562.8	6,083.5	1,449.1	12,095.4
July	828.8	837.8	W	5,455.5	W	12,321.5	828.8	837.8	4,602.6	6,489.4	2,432.3	13,524.3
August	832.2	839.9	W	5,538.4	W	11,391.0	832.2	839.9	4,538.1	6,570.5	1,667.4	12,776.0
September	774.9	783.0	4,377.2	W	W	9,974.8	774.9	783.0	W	6,135.5	W	10,967.0
October	773.6	782.8	W	5,104.4	W	10,394.0	773.6	782.8	4,531.7	5,978.4	852.5	11,362.5
November	748.0	755.4	W	4,838.6	W	10,046.5	748.0	755.4	W	5,629.6	W	10,930.8
December	749.9	759.2	W	5,067.6	W	10,232.6	749.9	759.2	4,426.1	5,892.2	NA	11,189.5
1998 Average	748.7	757.1	W	5,127.3	W	10,442.0	748.7	757.1	4,416.5	5,986.5	1,016.9	11,419.9
Connecticut												
January	W	W	W	1,489.9	W	3,159.4	W	W	W	1,489.9	W	3,159.4
February	W	W	W	1,487.9	W	2,949.7	W	W	W	1,487.9	W	2,949.7
March	W	W	1,294.0	W	W	3,193.5	W	W	1,294.0	W	W	3,193.5
April	W	W	1,344.3	1,525.8	390.9	3,261.0	W	W	1,344.3	1,525.8	390.9	3,261.0
May	W	W	W	1,648.2	W	3,687.3	W	W	W	1,648.2	W	3,687.3
June	W	W	1,367.9	1,629.1	W	W	W	W	1,367.9	1,629.1	650.4	3,647.4
July	W	W	1,376.3	W	W	4,103.9	W	W	1,376.3	W	W	4,103.9
August	W	W	1,353.1	W	W	3,446.5	W	W	1,353.1	W	W	3,446.5
September	W	W	W	1,660.8	W	3,115.5	W	W	W	1,660.8	W	3,115.5
October	W	W	1,362.3	W	W	3,329.6	W	W	1,362.3	W	W	3,329.6
November	W	W	1,321.3	1,600.8	NA	2,935.8	W	W	1,321.3	1,600.8	NA	2,935.8
December	W	W	1,316.6	1,688.6	338.5	3,343.8	W	W	1,316.6	1,688.6	338.5	3,343.8
1998 Average	W	W	1,332.8	1,608.5	W	W	W	W	1,332.8	1,608.5	410.9	3,352.2

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	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
Maine												
January	-	-	-	W	-	W	-	-	-	-	-	-
February	-	-	-	W	-	W	-	-	-	-	-	-
March	-	-	-	W	W	627.9	-	-	-	-	-	-
April	-	-	-	561.3	-	561.3	-	-	-	-	-	-
May	-	-	-	621.0	-	621.0	-	-	-	-	-	-
June	-	-	-	675.9	-	675.9	-	-	-	-	-	-
July	-	-	-	W	W	889.3	-	-	-	-	-	-
August	-	-	-	W	W	1,065.3	-	-	-	-	-	-
September	-	-	-	657.7	-	657.7	-	-	-	-	-	-
October	-	-	-	W	-	613.4	-	-	-	-	-	-
November	-	-	-	568.5	-	568.5	-	-	-	-	-	-
December	-	-	-	577.0	-	577.0	-	-	-	-	-	-
1998 Average	-	-	-	W	W	684.0	-	-	-	-	-	-
Massachusetts												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	-	-	-	-	W	W	-	-	-	-	-	-
November	-	-	-	-	W	W	-	-	-	-	-	-
December	-	-	-	-	W	W	-	-	-	-	-	-
1998 Average	-	-	-	-	W	W	-	-	-	-	-	-
New Hampshire												
January	-	-	W	W	-	W	-	-	-	-	-	-
February	-	-	W	W	-	W	-	-	-	-	-	-
March	-	-	W	W	-	13.5	-	-	-	-	-	-
April	-	-	W	W	-	14.4	-	-	-	-	-	-
May	-	-	W	W	-	15.3	-	-	-	-	-	-
June	-	-	W	W	-	W	-	-	-	-	-	-
July	-	-	W	W	-	27.0	-	-	-	-	-	-
August	-	-	W	W	-	42.8	-	-	-	-	-	-
September	-	-	W	W	-	83.9	-	-	-	-	-	-
October	-	-	W	W	-	W	-	-	-	-	-	-
November	-	-	W	W	-	W	-	-	-	-	-	-
December	-	-	W	W	-	W	-	-	-	-	-	-
1998 Average	-	-	W	W	-	38.9	-	-	-	-	-	-
Rhode Island												
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-	-	-	-
November	-	-	-	-	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-	-	-	-	-
1998 Average	-	-	-	-	-	-	-	-	-	-	-	-

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
Maine												
January	—	—	W	W	—	W	—	—	W	W	—	1,302.0
February	—	—	W	W	W	W	—	—	W	1,231.6	W	1,436.0
March	—	—	W	W	—	598.5	—	—	W	1,100.2	W	1,226.4
April	—	—	W	W	—	620.0	—	—	W	W	—	1,181.2
May	—	—	W	W	—	640.0	—	—	W	W	—	1,261.0
June	—	—	W	W	—	681.8	—	—	W	W	—	1,357.7
July	—	—	W	W	W	894.8	—	—	W	1,484.3	W	1,784.1
August	—	—	W	W	W	1,229.8	—	—	W	1,473.4	W	2,295.1
September	—	—	W	W	—	676.2	—	—	W	W	—	1,333.9
October	—	—	W	W	W	899.5	—	—	W	1,151.2	W	1,512.9
November	—	—	W	W	—	582.6	—	—	W	W	—	1,151.1
December	—	—	W	W	—	593.2	—	—	W	W	—	1,170.2
1998 Average	—	—	W	W	W	735.2	—	—	W	W	126.0	1,419.3
Massachusetts												
January	375.0	377.9	2,112.2	W	W	4,676.4	375.0	377.9	2,112.2	W	W	4,676.4
February	391.3	393.7	2,183.4	2,117.3	—	4,300.8	391.3	393.7	2,183.4	2,117.3	—	4,300.8
March	387.4	390.4	2,236.8	2,032.4	—	4,269.2	387.4	390.4	2,236.8	2,032.4	—	4,269.2
April	415.0	418.1	2,272.6	W	W	4,499.0	415.0	418.1	2,272.6	W	W	4,499.0
May	440.2	442.5	2,331.5	2,127.9	175.6	4,635.0	440.2	442.5	2,331.5	2,127.9	175.6	4,635.0
June	448.3	451.9	2,393.7	2,037.3	798.7	5,229.7	448.3	451.9	2,393.7	2,037.3	798.7	5,229.7
July	480.8	483.9	2,402.7	2,132.0	1,150.2	5,685.0	480.8	483.9	2,402.7	2,132.0	1,150.2	5,685.0
August	479.6	481.9	2,366.1	2,191.4	517.3	5,074.7	479.6	481.9	2,366.1	2,191.4	517.3	5,074.7
September	448.0	450.6	2,303.1	W	W	4,599.1	448.0	450.6	2,303.1	W	W	4,599.1
October	444.6	448.1	2,352.9	W	W	W	444.6	448.1	2,352.9	W	W	4,705.6
November	426.7	429.4	2,290.0	W	W	W	426.7	429.4	2,290.0	W	W	5,068.6
December	426.5	429.5	2,318.8	2,042.9	W	W	426.5	429.5	2,318.8	2,042.9	NA	4,853.5
1998 Average	430.6	433.4	2,297.7	2,075.9	W	W	430.6	433.4	2,297.7	2,075.9	429.6	4,803.3
New Hampshire												
January	93.8	93.8	W	W	—	W	93.8	93.8	247.7	47.4	—	295.1
February	96.6	96.6	W	W	—	W	96.6	96.6	259.3	82.9	—	342.2
March	99.5	99.6	W	W	—	284.0	99.5	99.6	251.0	46.5	—	297.5
April	100.4	100.4	W	W	—	278.5	100.4	100.4	248.3	44.5	—	292.8
May	99.7	99.7	W	W	—	294.8	99.7	99.7	256.6	53.5	—	310.1
June	98.8	98.8	W	W	—	W	98.8	98.8	262.4	59.7	—	322.1
July	108.5	108.5	W	W	—	294.8	108.5	108.5	261.5	60.4	—	321.8
August	108.1	108.1	W	W	—	342.6	108.1	108.1	262.7	122.7	—	385.5
September	100.0	100.0	W	W	—	356.5	100.0	100.0	255.1	185.2	—	440.3
October	102.5	102.5	W	W	—	W	102.5	102.5	258.7	153.6	—	412.4
November	100.6	100.7	W	W	—	W	100.6	100.7	253.5	130.6	—	384.1
December	104.2	104.2	W	W	—	W	104.2	104.2	248.3	138.1	—	386.4
1998 Average	101.1	101.1	W	W	—	310.3	101.1	101.1	255.4	93.7	—	349.1
Rhode Island												
January	W	W	357.7	W	W	1,187.4	W	W	357.7	W	W	1,187.4
February	W	W	378.3	W	W	1,304.0	W	W	378.3	W	W	1,304.0
March	W	W	389.5	790.0	—	1,179.6	W	W	389.5	790.0	—	1,179.6
April	W	W	W	806.9	W	1,460.5	W	W	W	806.9	W	1,460.5
May	W	W	W	848.2	W	1,273.1	W	W	W	848.2	W	1,273.1
June	W	W	413.5	886.3	—	1,299.8	W	W	413.5	886.3	—	1,299.8
July	W	W	430.7	912.3	—	1,343.0	W	W	430.7	912.3	—	1,343.0
August	W	W	426.7	870.6	—	1,297.3	W	W	426.7	870.6	—	1,297.3
September	W	W	420.0	807.6	—	1,227.6	W	W	420.0	807.6	—	1,227.6
October	W	W	431.8	714.8	—	1,146.6	W	W	431.8	714.8	—	1,146.6
November	W	W	W	659.3	W	1,175.1	W	W	W	659.3	W	1,175.1
December	W	W	423.7	728.0	NA	1,192.6	W	W	423.7	728.0	NA	1,192.6
1998 Average	W	W	409.0	797.1	50.4	1,256.5	W	W	409.0	797.1	50.4	1,256.5

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Vermont												
January	—	—	W	W	—	252.6	—	—	—	—	—	—
February	—	—	W	W	—	235.6	—	—	—	—	—	—
March	—	—	W	W	—	205.0	—	—	—	—	—	—
April	—	—	W	W	—	192.9	—	—	—	—	—	—
May	—	—	W	W	—	219.0	—	—	—	—	—	—
June	—	—	W	W	—	238.6	—	—	—	—	—	—
July	—	—	W	W	—	286.5	—	—	—	—	—	—
August	—	—	W	W	—	276.9	—	—	—	—	—	—
September	—	—	W	W	—	250.7	—	—	—	—	—	—
October	—	—	W	W	—	255.5	—	—	—	—	—	—
November	—	—	W	W	—	216.2	—	—	—	—	—	—
December	—	—	W	W	—	243.0	—	—	—	—	—	—
1998 Average	—	—	W	W	—	239.6	—	—	—	—	—	—
Subdistrict IB												
January	2,440.3	2,516.3	W	W	3,232.6	14,350.7	—	—	—	—	—	—
February	2,611.5	2,666.1	W	W	3,725.0	15,542.0	—	—	—	—	—	—
March	2,715.5	2,777.2	W	9,428.0	W	14,118.5	—	—	—	—	—	—
April	2,698.2	2,761.1	W	9,971.2	W	15,377.8	—	—	—	—	—	—
May	2,791.4	2,844.9	W	10,251.3	W	15,682.0	—	—	—	—	—	—
June	2,856.1	2,921.2	W	10,618.6	W	17,900.6	—	—	—	—	—	—
July	2,979.8	3,038.9	W	11,124.9	W	16,802.0	—	—	—	—	—	—
August	2,921.3	2,968.3	W	10,740.5	W	16,805.8	—	—	—	—	—	—
September	2,735.1	2,780.7	W	10,163.0	W	15,698.4	—	—	—	—	—	—
October	2,806.6	2,854.3	W	10,247.6	W	15,280.6	—	—	—	—	—	—
November	2,729.1	2,774.7	W	9,418.6	W	15,321.3	—	—	—	—	—	—
December	2,806.8	2,850.0	W	9,770.0	W	16,523.6	—	—	—	—	—	—
1998 Average	2,758.9	2,814.0	W	9,992.4	W	15,782.4	—	—	—	—	—	—
Delaware												
January	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—
October	—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—	—	—
1998 Average	—	—	—	—	—	—	—	—	—	—	—	—
District of Columbia												
January	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—
October	—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—	—	—
1998 Average	—	—	—	—	—	—	—	—	—	—	—	—

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
Vermont												
January	—	—	—	—	—	—	—	—	W	W	—	252.6
February	—	—	—	—	—	—	—	—	W	W	—	235.6
March	—	—	—	—	—	—	—	—	W	W	—	205.0
April	—	—	—	—	—	—	—	—	W	W	—	192.9
May	—	—	—	—	—	—	—	—	W	W	—	219.0
June	—	—	—	—	—	—	—	—	W	W	—	238.6
July	—	—	—	—	—	—	—	—	W	W	—	286.5
August	—	—	—	—	—	—	—	—	W	W	—	276.9
September	—	—	—	—	—	—	—	—	W	W	—	250.7
October	—	—	—	—	—	—	—	—	W	W	—	255.5
November	—	—	—	—	—	—	—	—	W	W	—	216.2
December	—	—	—	—	—	—	—	—	W	W	—	243.0
1998 Average	—	—	—	—	—	—	—	—	W	W	—	239.6
Subdistrict IB												
January	2,504.0	2,623.5	W	W	3,130.8	23,308.0	4,944.3	5,139.8	15,675.5	15,619.8	6,363.4	37,658.7
February	2,605.0	2,724.0	13,698.8	W	W	24,119.9	5,216.5	5,390.1	W	16,917.3	W	39,661.9
March	2,674.6	2,802.7	W	7,713.6	W	24,353.8	5,390.1	5,579.8	16,413.0	17,141.7	4,917.5	38,472.2
April	2,740.2	2,867.1	W	8,131.7	W	25,404.6	5,438.4	5,628.2	16,529.7	18,102.9	6,149.8	40,782.4
May	2,816.8	2,935.6	W	8,333.7	W	26,639.0	5,608.2	5,780.5	16,477.8	18,585.0	7,258.2	42,321.0
June	2,918.4	3,046.2	W	8,664.5	W	26,003.6	5,774.5	5,967.3	16,975.0	19,283.1	7,646.2	43,904.2
July	2,983.2	3,097.4	W	8,771.0	W	26,932.7	5,962.9	6,136.4	16,939.8	19,895.9	6,898.9	43,734.6
August	2,945.6	3,050.3	W	8,481.4	W	25,798.4	5,866.9	6,018.5	16,727.8	19,221.9	6,654.5	42,604.2
September	2,779.2	2,882.9	13,953.0	8,037.3	5,002.1	26,992.4	5,514.3	5,663.6	W	18,200.3	W	42,690.9
October	2,771.2	2,875.6	W	7,901.0	W	25,658.6	5,577.8	5,729.9	17,011.2	18,148.7	5,779.4	40,939.2
November	2,731.3	2,831.7	W	7,688.6	W	24,934.0	5,460.5	5,606.4	W	17,107.2	W	40,255.2
December	2,743.9	2,848.1	W	8,158.3	W	24,798.1	5,550.7	5,698.1	16,757.9	17,928.2	6,635.6	41,321.7
1998 Average	2,768.9	2,883.1	W	8,027.5	W	25,417.9	5,527.7	5,697.2	16,586.6	18,019.9	6,593.9	41,200.3
Delaware												
January	30.2	41.2	299.7	487.5	—	787.2	30.2	41.2	299.7	487.5	—	787.2
February	31.4	44.1	W	W	—	736.2	31.4	44.1	W	W	—	736.2
March	W	45.6	329.4	419.7	—	749.1	W	45.6	329.4	419.7	—	749.1
April	W	50.0	329.5	507.4	—	836.9	W	50.0	329.5	507.4	—	836.9
May	W	50.0	321.2	596.5	—	917.6	W	50.0	321.2	596.5	—	917.6
June	W	52.0	296.0	582.9	—	878.9	W	52.0	296.0	582.9	—	878.9
July	W	55.4	308.3	588.4	—	896.7	W	55.4	308.3	588.4	—	896.7
August	W	54.9	W	W	—	892.2	W	54.9	W	W	—	892.2
September	35.0	47.6	W	W	—	864.4	35.0	47.6	W	W	—	864.4
October	35.2	47.1	331.4	510.7	—	842.1	35.2	47.1	331.4	510.7	—	842.1
November	37.0	49.0	W	W	—	731.0	37.0	49.0	W	W	—	731.0
December	37.9	49.3	300.5	404.8	—	705.4	37.9	49.3	300.5	404.8	—	705.4
1998 Average	W	48.9	W	W	—	820.4	W	48.9	W	W	—	820.4
District of Columbia												
January	—	W	331.9	—	—	331.9	—	W	331.9	—	—	331.9
February	—	9.1	337.1	—	—	337.1	—	9.1	337.1	—	—	337.1
March	—	9.9	331.8	—	—	331.8	—	9.9	331.8	—	—	331.8
April	—	9.6	335.7	—	—	335.7	—	9.6	335.7	—	—	335.7
May	—	9.3	333.1	—	—	333.1	—	9.3	333.1	—	—	333.1
June	—	8.1	345.3	—	—	345.3	—	8.1	345.3	—	—	345.3
July	—	10.6	344.3	—	—	344.3	—	10.6	344.3	—	—	344.3
August	—	9.2	W	W	—	NA	—	9.2	W	W	—	NA
September	—	W	335.4	—	—	335.4	—	W	335.4	—	—	335.4
October	—	10.0	NA	—	—	NA	—	10.0	NA	—	—	NA
November	—	7.6	NA	—	—	NA	—	7.6	NA	—	—	NA
December	—	8.3	334.2	—	—	334.2	—	8.3	334.2	—	—	334.2
1998 Average	—	9.1	W	W	—	335.2	—	9.1	W	W	—	335.2

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	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
Maryland												
January	—	2.5	W	W	—	448.6	—	—	—	—	—	—
February	—	W	W	W	—	425.3	—	—	—	—	—	—
March	W	8.0	W	W	—	495.2	—	—	—	—	—	—
April	W	6.1	W	W	—	489.6	—	—	—	—	—	—
May	—	W	W	W	—	496.7	—	—	—	—	—	—
June	—	W	W	W	—	572.2	—	—	—	—	—	—
July	—	W	W	W	—	623.1	—	—	—	—	—	—
August	—	W	W	W	—	690.8	—	—	—	—	—	—
September	—	W	W	W	—	602.3	—	—	—	—	—	—
October	—	W	W	W	—	568.6	—	—	—	—	—	—
November	—	W	W	W	—	532.6	—	—	—	—	—	—
December	—	W	W	W	—	456.1	—	—	—	—	—	—
1998 Average	W	2.7	W	W	—	534.1	—	—	—	—	—	—
New Jersey												
January	—	—	—	—	1,904.9	1,904.9	—	—	—	—	—	—
February	—	—	—	—	2,048.0	2,048.0	—	—	—	—	—	—
March	—	—	—	—	853.8	853.8	—	—	—	—	—	—
April	—	—	—	—	1,272.2	1,272.2	—	—	—	—	—	—
May	—	—	—	—	1,074.0	1,074.0	—	—	—	—	—	—
June	—	—	—	—	2,980.6	2,980.6	—	—	—	—	—	—
July	—	—	—	—	1,467.0	1,467.0	—	—	—	—	—	—
August	—	—	—	—	1,955.8	1,955.8	—	—	—	—	—	—
September	—	—	—	—	1,398.5	1,398.5	—	—	—	—	—	—
October	—	—	—	—	1,115.9	1,115.9	—	—	—	—	—	—
November	—	—	—	—	1,652.5	1,652.5	—	—	—	—	—	—
December	—	—	—	—	2,061.2	2,061.2	—	—	—	—	—	—
1998 Average	—	—	—	—	1,643.5	1,643.5	—	—	—	—	—	—
New York												
January	1,123.2	1,150.5	W	3,323.0	W	4,624.0	—	—	—	—	—	—
February	1,199.5	W	W	3,478.3	W	5,049.5	—	—	—	—	—	—
March	W	1,272.5	1,199.3	3,423.6	294.0	4,916.9	—	—	—	—	—	—
April	W	1,293.1	1,235.3	W	W	5,118.2	—	—	—	—	—	—
May	W	W	1,294.8	3,946.1	504.9	5,745.8	—	—	—	—	—	—
June	W	W	W	3,994.6	W	5,793.9	—	—	—	—	—	—
July	W	W	1,390.6	4,180.6	NA	5,813.8	—	—	—	—	—	—
August	W	W	W	4,102.4	W	5,710.8	—	—	—	—	—	—
September	1,317.3	W	W	3,868.1	W	5,371.9	—	—	—	—	—	—
October	1,363.5	W	W	3,910.5	W	5,351.5	—	—	—	—	—	—
November	1,303.7	W	W	3,490.7	W	4,973.3	—	—	—	—	—	—
December	1,332.3	W	1,285.8	W	W	5,222.6	—	—	—	—	—	—
1998 Average	W	1,336.0	1,271.7	3,746.5	NA	5,309.7	—	—	—	—	—	—
Pennsylvania												
January	1,317.2	1,363.3	W	5,018.7	W	7,373.3	—	—	—	—	—	—
February	1,412.0	1,434.4	W	W	W	8,019.3	—	—	—	—	—	—
March	W	1,496.7	1,304.2	W	W	7,852.6	—	—	—	—	—	—
April	1,431.0	1,461.8	1,317.8	W	W	8,497.8	—	—	—	—	—	—
May	W	1,485.3	1,324.0	W	W	8,365.5	—	—	—	—	—	—
June	W	1,515.0	1,347.5	W	W	8,553.9	—	—	—	—	—	—
July	W	1,571.4	1,369.0	W	W	8,898.0	—	—	—	—	—	—
August	W	1,530.5	1,368.1	W	W	8,448.3	—	—	—	—	—	—
September	1,417.8	1,437.2	W	W	W	8,325.7	—	—	—	—	—	—
October	1,443.2	1,466.4	1,397.3	W	W	8,244.7	—	—	—	—	—	—
November	1,425.4	1,444.7	W	W	1,431.0	8,162.9	—	—	—	—	—	—
December	1,474.5	1,492.0	1,327.1	W	W	8,783.7	—	—	—	—	—	—
1998 Average	1,449.7	1,475.3	1,321.8	W	W	8,295.1	—	—	—	—	—	—

See footnotes at end of table.

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

Geographic Area Month	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
Maryland												
January	—	W	W	1,356.5	W	4,280.9	—	W	2,915.7	W	W	4,729.5
February	—	W	W	W	W	4,330.0	—	39.6	2,952.3	W	W	4,755.2
March	—	42.0	W	W	W	4,463.1	W	50.0	2,887.5	W	W	4,958.4
April	W	44.9	W	W	W	4,395.9	W	51.0	2,857.6	W	W	4,885.5
May	W	W	W	W	W	4,616.3	W	53.8	2,867.9	W	W	5,113.0
June	W	W	W	1,653.6	W	4,715.1	W	60.5	2,954.6	W	W	5,287.3
July	W	W	W	W	—	4,650.1	W	52.3	2,953.4	2,319.9	—	5,273.3
August	W	W	2,861.9	W	W	4,541.0	W	45.3	W	2,316.3	W	5,231.8
September	—	W	W	W	W	4,593.1	—	W	2,983.8	W	W	5,195.4
October	—	W	W	W	—	4,690.8	—	40.3	3,062.9	2,196.5	—	5,259.4
November	—	W	W	W	W	4,644.8	—	38.8	3,014.3	W	W	5,177.4
December	—	W	W	W	105.7	4,596.0	—	38.8	2,948.8	1,997.5	105.7	5,052.0
1998 Average	W	43.2	2,921.2	W	W	4,544.4	W	45.9	W	2,092.5	W	5,078.5
New Jersey												
January	1,248.1	1,276.2	4,421.6	2,904.2	2,975.5	10,301.3	1,248.1	1,276.2	4,421.6	2,904.2	4,880.4	12,206.2
February	1,312.4	1,338.3	4,537.8	3,519.3	2,416.1	10,473.2	1,312.4	1,338.3	4,537.8	3,519.3	4,464.1	12,521.2
March	1,334.5	1,364.1	4,646.3	3,553.6	1,866.9	10,066.8	1,334.5	1,364.1	4,646.3	3,553.6	2,720.7	10,920.6
April	1,373.5	1,401.8	4,729.0	3,723.3	2,599.3	11,051.6	1,373.5	1,401.8	4,729.0	3,723.3	3,871.5	12,323.8
May	1,397.6	1,427.2	4,644.8	3,632.7	3,701.6	11,979.1	1,397.6	1,427.2	4,644.8	3,632.7	4,775.6	13,053.2
June	1,437.0	1,466.6	4,799.7	3,816.4	2,624.0	11,240.1	1,437.0	1,466.6	4,799.7	3,816.4	5,604.6	14,220.7
July	1,505.4	1,531.7	4,752.6	3,885.4	3,643.5	12,281.5	1,505.4	1,531.7	4,752.6	3,885.4	5,110.5	13,748.5
August	1,505.5	1,532.7	4,715.7	3,766.5	3,117.4	11,599.5	1,505.5	1,532.7	4,715.7	3,766.5	5,073.2	13,555.4
September	1,378.6	1,406.0	4,622.1	3,447.2	4,692.0	12,761.3	1,378.6	1,406.0	4,622.1	3,447.2	6,090.5	14,159.9
October	1,362.6	1,388.3	4,713.4	3,361.1	2,723.4	10,797.9	1,362.6	1,388.3	4,713.4	3,361.1	3,839.3	11,913.8
November	1,342.3	1,368.4	4,695.5	3,298.7	2,777.7	10,771.9	1,342.3	1,368.4	4,695.5	3,298.7	4,430.2	12,424.3
December	1,353.3	1,382.1	4,706.7	3,603.7	2,286.3	10,596.8	1,353.3	1,382.1	4,706.7	3,603.7	4,347.5	12,658.0
1998 Average	1,379.7	1,407.5	4,666.0	3,542.6	2,954.0	11,162.5	1,379.7	1,407.5	4,666.0	3,542.6	4,597.4	12,806.0
New York												
January	639.3	659.1	W	1,286.7	W	5,217.2	1,762.4	1,809.6	4,940.4	4,609.6	291.1	9,841.1
February	645.1	W	W	1,383.6	W	5,726.3	1,844.6	1,892.0	5,100.9	4,861.9	812.9	10,775.7
March	W	689.0	4,015.7	1,338.1	854.0	6,207.8	1,913.0	1,961.5	5,215.0	4,761.7	1,148.0	11,124.6
April	W	693.9	4,016.0	1,436.8	569.1	6,021.8	1,939.2	1,987.0	5,251.3	W	W	11,140.0
May	W	W	4,022.8	1,568.7	577.5	6,169.0	2,041.5	2,089.3	5,317.5	5,514.8	1,082.4	11,914.8
June	W	W	W	1,620.0	W	6,135.1	2,115.5	2,164.2	5,534.4	5,614.7	780.0	11,929.0
July	W	W	4,156.1	1,628.1	345.3	6,129.5	2,177.0	2,221.6	5,546.7	5,808.7	587.8	11,943.3
August	W	W	W	1,561.5	W	5,877.4	2,146.8	2,184.7	5,503.4	5,663.9	420.9	11,588.2
September	703.4	W	W	1,537.2	W	5,849.0	2,020.7	2,058.9	5,336.9	5,405.3	478.7	11,220.9
October	701.4	W	W	1,491.9	W	6,302.1	2,064.9	2,102.3	5,418.5	5,402.4	832.6	11,653.6
November	689.4	W	W	1,531.1	W	5,923.5	1,993.2	2,033.1	5,392.4	5,021.8	482.6	10,896.8
December	679.1	W	4,149.9	W	W	5,942.7	2,011.4	2,052.5	5,435.7	5,252.7	NA	11,165.4
1998 Average	W	711.5	4,062.5	1,506.0	391.6	5,960.1	2,003.7	2,047.5	5,334.2	5,252.5	683.1	11,269.8
Pennsylvania												
January	586.5	600.4	W	W	—	2,389.5	1,903.6	1,963.6	2,766.2	W	W	9,762.8
February	616.1	632.6	W	W	—	2,517.2	2,028.1	2,066.9	2,927.4	6,327.1	1,281.9	10,536.4
March	W	652.1	1,698.8	W	W	2,535.2	2,104.6	2,148.8	3,003.0	W	W	10,387.7
April	650.8	667.0	1,708.8	W	W	2,762.6	2,081.8	2,128.8	3,026.6	6,773.1	1,460.7	11,260.4
May	W	665.5	1,669.2	W	W	2,623.8	2,117.0	2,150.8	2,993.2	W	W	10,989.3
June	W	701.0	1,697.6	991.6	—	2,689.1	2,168.9	2,215.9	3,045.0	W	W	11,243.0
July	W	693.4	1,665.6	W	W	2,630.6	2,229.6	2,264.7	3,034.6	7,293.5	1,200.6	11,528.6
August	W	661.2	W	W	W	2,559.6	2,168.5	2,191.7	W	6,895.6	W	11,007.9
September	662.2	665.8	W	W	W	2,589.2	2,080.0	2,103.1	2,973.6	6,618.1	1,323.2	10,914.9
October	672.0	675.5	1,752.7	W	W	2,690.7	2,115.2	2,141.9	3,150.0	6,678.0	1,107.4	10,935.4
November	662.6	664.9	W	W	—	2,532.1	2,088.0	2,109.6	3,020.3	6,243.8	1,431.0	10,695.1
December	673.6	675.2	1,704.8	W	W	2,623.1	2,148.1	2,167.2	3,031.9	6,669.5	1,705.4	11,406.8
1998 Average	653.7	663.0	W	W	W	2,595.3	2,103.4	2,138.3	W	6,626.5	W	10,890.4

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
Subdistrict IC												
January	8,778.1	9,261.6	5,696.3	33,212.8	1,031.2	39,940.3	—	—	—	—	—	—
February	9,188.7	9,721.8	6,066.2	33,903.0	750.5	40,719.8	—	—	—	—	—	—
March	9,550.1	10,052.5	W	35,301.5	W	41,771.4	—	—	—	—	—	—
April	9,506.1	10,033.4	6,051.4	W	W	42,624.2	—	—	—	—	—	—
May	9,375.0	9,870.2	5,958.6	W	W	41,817.9	—	—	—	—	—	—
June	9,481.6	9,971.4	6,041.9	36,320.8	626.5	42,989.2	—	—	—	—	—	—
July	9,395.2	9,893.6	W	36,129.7	W	42,955.3	—	—	—	—	—	—
August	9,431.0	9,901.7	5,836.4	36,076.5	NA	42,426.6	—	—	—	—	—	—
September	9,060.8	9,543.1	5,666.5	W	W	41,519.3	—	—	—	—	—	—
October	9,419.3	9,910.9	6,046.4	35,573.4	NA	41,908.8	—	—	—	—	—	—
November	9,191.8	9,655.2	5,829.7	34,815.7	866.8	41,512.2	—	—	—	—	—	—
December	9,345.4	9,809.8	5,889.9	36,090.6	NA	43,348.7	—	—	—	—	—	—
1998 Average	9,311.3	9,802.8	5,923.9	35,368.8	676.5	41,969.2	—	—	—	—	—	—
Florida												
January	4,605.2	4,796.7	4,488.9	9,260.0	422.3	14,171.1	—	—	—	—	—	—
February	4,854.7	5,076.4	4,809.6	W	W	14,500.3	—	—	—	—	—	—
March	5,004.6	5,195.2	W	9,710.6	W	14,608.7	—	—	—	—	—	—
April	4,921.9	5,134.9	W	9,536.6	W	14,414.9	—	—	—	—	—	—
May	4,751.2	4,945.3	W	9,209.5	W	13,928.8	—	—	—	—	—	—
June	4,799.4	4,975.4	W	9,193.6	W	14,081.0	—	—	—	—	—	—
July	4,708.1	4,889.8	W	9,059.3	W	13,728.1	—	—	—	—	—	—
August	4,752.2	4,911.4	W	9,126.2	W	13,819.7	—	—	—	—	—	—
September	4,570.0	4,742.2	4,392.1	8,969.8	198.8	13,560.8	—	—	—	—	—	—
October	4,856.6	5,040.4	W	9,269.5	W	14,054.5	—	—	—	—	—	—
November	4,783.7	4,952.0	4,553.2	9,294.6	384.2	14,232.0	—	—	—	—	—	—
December	4,890.4	5,070.3	4,603.0	9,723.4	NA	14,852.7	—	—	—	—	—	—
1998 Average	4,791.2	4,977.0	4,633.3	9,311.2	216.4	14,160.9	—	—	—	—	—	—
Georgia												
January	1,898.7	2,005.6	949.4	W	W	8,310.2	—	—	—	—	—	—
February	1,981.3	2,096.3	978.6	7,442.7	—	8,421.3	—	—	—	—	—	—
March	2,106.7	2,221.9	992.5	7,833.2	—	8,825.7	—	—	—	—	—	—
April	2,136.9	2,251.8	1,000.2	7,963.7	—	8,963.9	—	—	—	—	—	—
May	2,164.7	2,276.3	W	7,893.0	W	8,940.7	—	—	—	—	—	—
June	2,178.9	2,292.9	W	8,098.4	W	9,150.6	—	—	—	—	—	—
July	2,140.1	2,251.3	1,008.9	W	W	9,422.9	—	—	—	—	—	—
August	2,116.9	2,231.4	992.5	8,022.3	—	9,014.8	—	—	—	—	—	—
September	2,040.3	2,150.1	W	7,780.4	W	8,784.1	—	—	—	—	—	—
October	2,081.5	2,190.7	1,036.2	7,913.0	—	8,949.2	—	—	—	—	—	—
November	2,002.5	2,109.6	969.2	W	W	8,705.5	—	—	—	—	—	—
December	2,003.3	2,105.7	989.7	W	W	9,190.5	—	—	—	—	—	—
1998 Average	2,071.5	2,182.5	992.8	7,836.9	63.9	8,893.7	—	—	—	—	—	—
North Carolina												
January	754.8	866.0	W	8,872.9	W	9,125.9	—	—	—	—	—	—
February	791.3	911.2	W	W	—	9,226.2	—	—	—	—	—	—
March	822.1	944.3	W	9,445.4	W	9,563.8	—	—	—	—	—	—
April	818.0	940.2	W	W	—	9,851.1	—	—	—	—	—	—
May	827.8	946.2	W	9,677.3	W	9,775.5	—	—	—	—	—	—
June	854.4	973.8	W	10,069.7	W	10,235.0	—	—	—	—	—	—
July	861.8	982.7	W	9,960.1	W	10,061.8	—	—	—	—	—	—
August	860.6	976.1	W	W	—	9,981.5	—	—	—	—	—	—
September	821.1	937.9	W	W	—	9,888.3	—	—	—	—	—	—
October	826.4	943.3	W	W	—	9,777.0	—	—	—	—	—	—
November	805.3	914.7	W	9,458.8	W	9,584.6	—	—	—	—	—	—
December	825.5	933.1	W	9,808.0	W	9,919.0	—	—	—	—	—	—
1998 Average	822.6	939.3	W	9,648.4	W	9,751.9	—	—	—	—	—	—

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												
January	797.3	848.1	1,935.1	2,187.4	—	4,122.5	9,575.4	10,109.8	7,631.4	35,400.2	1,031.2	44,062.8
February	820.7	875.6	2,006.1	2,344.1	—	4,350.2	10,009.4	10,597.5	8,072.3	36,247.1	750.5	45,070.0
March	854.8	909.0	W	2,425.4	W	4,506.1	10,404.9	10,961.5	8,133.7	37,726.8	416.9	46,277.5
April	874.1	930.6	2,091.6	W	W	4,571.5	10,380.2	10,964.0	8,143.1	38,651.2	NA	47,195.7
May	903.3	958.8	2,099.0	W	W	4,512.5	10,278.3	10,829.0	8,057.6	37,818.4	NA	46,330.5
June	940.8	1,005.0	2,148.4	2,510.8	—	4,659.1	10,422.4	10,976.5	8,190.2	38,831.6	626.5	47,648.3
July	946.3	1,005.7	W	2,559.1	W	4,742.1	10,341.5	10,899.3	8,101.4	38,688.8	907.2	47,697.4
August	926.6	973.8	2,104.7	2,714.6	—	4,819.3	10,357.5	10,875.5	7,941.1	38,791.2	NA	47,246.0
September	915.8	963.0	2,107.9	W	W	4,690.8	9,976.6	10,506.1	7,774.5	37,840.5	595.1	46,210.1
October	913.4	963.3	2,118.9	2,484.4	—	4,603.3	10,332.6	10,874.3	8,165.4	38,057.7	NA	46,512.1
November	885.6	933.6	2,051.9	2,349.0	—	4,400.9	10,077.4	10,588.8	7,881.6	37,164.8	866.8	45,913.2
December	897.0	946.0	2,044.4	2,415.9	—	4,460.3	10,242.5	10,755.8	7,934.3	38,506.5	NA	47,809.0
1998 Average	890.0	943.1	2,077.8	2,451.0	8.8	4,537.6	10,201.3	10,745.9	8,001.7	37,819.8	685.2	46,506.8
Florida												
January	—	—	—	—	—	—	4,605.2	4,796.7	4,488.9	9,260.0	422.3	14,171.1
February	—	—	—	—	—	—	4,854.7	5,076.4	4,809.6	W	W	14,500.3
March	—	—	—	—	—	—	5,004.6	5,195.2	W	9,710.6	W	14,608.7
April	—	—	—	—	—	—	4,921.9	5,134.9	W	9,536.6	W	14,414.9
May	—	—	—	—	—	—	4,751.2	4,945.3	W	9,209.5	W	13,928.8
June	—	—	—	—	—	—	4,799.4	4,975.4	W	9,193.6	W	14,081.0
July	—	—	—	—	—	—	4,708.1	4,889.8	W	9,059.3	W	13,728.1
August	—	—	—	—	—	—	4,752.2	4,911.4	W	9,126.2	W	13,819.7
September	—	—	—	—	—	—	4,570.0	4,742.2	4,392.1	8,969.8	198.8	13,560.8
October	—	—	—	—	—	—	4,856.6	5,040.4	W	9,269.5	W	14,054.5
November	—	—	—	—	—	—	4,783.7	4,952.0	4,553.2	9,294.6	384.2	14,232.0
December	—	—	—	—	—	—	4,890.4	5,070.3	4,603.0	9,723.4	NA	14,852.7
1998 Average	—	—	—	—	—	—	4,791.2	4,977.0	4,633.3	9,311.2	216.4	14,160.9
Georgia												
January	—	—	—	—	—	—	1,898.7	2,005.6	949.4	W	W	8,310.2
February	—	—	—	—	—	—	1,981.3	2,096.3	978.6	7,442.7	—	8,421.3
March	—	—	—	—	—	—	2,106.7	2,221.9	992.5	7,833.2	—	8,825.7
April	—	—	—	—	—	—	2,136.9	2,251.8	1,000.2	7,963.7	—	8,963.9
May	—	—	—	—	—	—	2,164.7	2,276.3	W	7,893.0	W	8,940.7
June	—	—	—	—	—	—	2,178.9	2,292.9	W	8,098.4	W	9,150.6
July	—	—	—	—	—	—	2,140.1	2,251.3	1,008.9	W	W	9,422.9
August	—	—	—	—	—	—	2,116.9	2,231.4	992.5	8,022.3	—	9,014.8
September	—	—	—	—	—	—	2,040.3	2,150.1	W	7,780.4	W	8,784.1
October	—	—	—	—	—	—	2,081.5	2,190.7	1,036.2	7,913.0	—	8,949.2
November	—	—	—	—	—	—	2,002.5	2,109.6	969.2	W	W	8,705.5
December	—	—	—	—	—	—	2,003.3	2,105.7	989.7	W	W	9,190.5
1998 Average	—	—	—	—	—	—	2,071.5	2,182.5	992.8	7,836.9	63.9	8,893.7
North Carolina												
January	—	—	—	—	—	—	754.8	866.0	W	8,872.9	W	9,125.9
February	—	—	—	—	—	—	791.3	911.2	W	W	—	9,226.2
March	—	—	—	—	—	—	822.1	944.3	W	9,445.4	W	9,563.8
April	—	—	—	—	—	—	818.0	940.2	W	W	—	9,851.1
May	—	—	—	—	—	—	827.8	946.2	W	9,677.3	W	9,775.5
June	—	—	—	—	—	—	854.4	973.8	W	10,069.7	W	10,235.0
July	—	—	—	—	—	—	861.8	982.7	W	9,960.1	W	10,061.8
August	—	—	—	—	—	—	860.6	976.1	W	W	—	9,981.5
September	—	—	—	—	—	—	821.1	937.9	W	W	—	9,888.3
October	—	—	—	—	—	—	826.4	943.3	W	W	—	9,777.0
November	—	—	—	—	—	—	805.3	914.7	W	9,458.8	W	9,584.6
December	—	—	—	—	—	—	825.5	933.1	W	9,808.0	W	9,919.0
1998 Average	—	—	—	—	—	—	822.6	939.3	W	9,648.4	W	9,751.9

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
South Carolina												
January	836.0	883.2	W	W	—	4,142.4	—	—	—	—	—	—
February	866.7	916.9	W	4,128.1	W	4,285.3	—	—	—	—	—	—
March	885.7	937.6	W	W	—	4,447.0	—	—	—	—	—	—
April	875.8	928.7	W	W	—	4,600.4	—	—	—	—	—	—
May	884.9	935.2	W	W	—	4,550.5	—	—	—	—	—	—
June	905.5	961.5	W	W	—	4,789.9	—	—	—	—	—	—
July	910.7	971.3	W	4,562.8	W	4,753.9	—	—	—	—	—	—
August	899.8	959.9	W	4,574.2	W	4,766.4	—	—	—	—	—	—
September	845.3	905.5	W	W	—	4,638.9	—	—	—	—	—	—
October	853.1	911.4	W	W	—	4,577.9	—	—	—	—	—	—
November	838.4	895.6	W	4,290.5	W	4,453.5	—	—	—	—	—	—
December	855.0	910.5	W	4,476.3	W	4,746.5	—	—	—	—	—	—
1998 Average	871.5	926.5	W	W	W	4,564.4	—	—	—	—	—	—
Virginia												
January	162.6	170.4	W	W	339.9	3,625.4	—	—	—	—	—	—
February	167.1	177.5	W	W	402.5	3,768.7	—	—	—	—	—	—
March	173.0	181.9	W	W	W	3,753.1	—	—	—	—	—	—
April	183.5	193.5	W	W	NA	4,156.4	—	—	—	—	—	—
May	186.5	195.4	55.3	W	W	4,133.8	—	—	—	—	—	—
June	187.4	198.3	W	W	W	4,233.2	—	—	—	—	—	—
July	187.9	197.4	W	W	W	4,445.8	—	—	—	—	—	—
August	190.9	200.2	W	W	NA	4,304.8	—	—	—	—	—	—
September	183.3	193.9	W	W	NA	4,171.5	—	—	—	—	—	—
October	187.6	198.0	W	W	W	4,085.2	—	—	—	—	—	—
November	185.5	194.0	W	W	NA	4,082.1	—	—	—	—	—	—
December	185.4	193.7	W	W	NA	4,174.6	—	—	—	—	—	—
1998 Average	181.8	191.2	W	W	W	4,079.5	—	—	—	—	—	—
West Virginia												
January	520.8	539.8	46.9	518.4	—	565.3	—	—	—	—	—	—
February	527.7	543.6	51.5	466.4	—	517.9	—	—	—	—	—	—
March	558.0	571.6	W	W	—	573.1	—	—	—	—	—	—
April	570.1	584.2	W	W	—	637.5	—	—	—	—	—	—
May	560.0	572.0	W	W	—	488.5	—	—	—	—	—	—
June	556.1	569.6	W	W	—	499.4	—	—	—	—	—	—
July	586.6	601.2	W	W	—	542.9	—	—	—	—	—	—
August	610.4	622.7	W	W	—	539.3	—	—	—	—	—	—
September	600.8	613.4	W	W	—	475.7	—	—	—	—	—	—
October	614.1	627.3	W	W	—	464.9	—	—	—	—	—	—
November	576.5	589.3	W	W	—	454.6	—	—	—	—	—	—
December	585.9	596.5	W	W	—	465.3	—	—	—	—	—	—
1998 Average	572.6	586.3	W	W	—	518.7	—	—	—	—	—	—
PAD District II												
January	14,383.2	14,847.7	7,267.4	51,932.2	7,127.0	66,326.5	1,138.5	1,154.2	W	W	—	3,416.6
February	14,860.3	15,351.8	7,460.7	52,815.2	5,339.1	65,615.1	1,129.4	1,145.5	W	W	—	3,347.3
March	15,114.3	15,672.9	W	54,151.6	W	67,997.6	1,115.4	1,133.0	W	W	—	3,212.8
April	14,868.4	15,392.5	W	57,026.1	W	71,110.4	1,134.8	1,150.5	W	W	—	3,416.5
May	15,478.8	15,995.3	W	58,825.3	W	72,104.4	1,138.0	1,152.7	W	W	—	3,352.8
June	15,802.2	16,339.5	W	61,572.3	W	75,194.7	1,178.4	1,192.4	W	W	—	3,960.5
July	15,637.8	16,134.8	7,693.2	W	W	75,611.9	1,183.2	1,197.9	W	W	—	3,740.7
August	15,668.8	16,199.0	W	59,225.3	W	72,844.6	W	W	W	W	—	3,577.3
September	14,804.2	15,333.7	W	W	6,386.8	71,817.5	1,091.2	1,100.0	W	W	—	3,694.4
October	15,036.2	15,591.4	W	58,018.9	W	71,252.4	1,108.8	1,124.2	W	W	—	3,801.2
November	14,898.8	15,404.2	7,149.2	57,023.6	5,800.9	69,973.7	1,107.9	1,121.9	W	W	—	3,434.5
December	14,965.6	15,457.4	7,200.1	W	W	74,114.7	1,130.9	1,146.1	W	W	—	3,691.4
1998 Average	15,129.1	15,646.0	W	W	6,114.0	71,199.8	1,134.6	1,149.2	W	W	—	3,554.7

See footnotes at end of table.

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

Geographic Area Month	Reformulated						All Formulations					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
South Carolina												
January	—	—	—	—	—	—	836.0	883.2	W	W	—	4,142.4
February	—	—	—	—	—	—	866.7	916.9	W	4,128.1	W	4,285.3
March	—	—	—	—	—	—	885.7	937.6	W	W	—	4,447.0
April	—	—	—	—	—	—	875.8	928.7	W	W	—	4,600.4
May	—	—	—	—	—	—	884.9	935.2	W	W	—	4,550.5
June	—	—	—	—	—	—	905.5	961.5	W	W	—	4,789.9
July	—	—	—	—	—	—	910.7	971.3	W	4,562.8	W	4,753.9
August	—	—	—	—	—	—	899.8	959.9	W	4,574.2	W	4,766.4
September	—	—	—	—	—	—	845.3	905.5	W	W	—	4,638.9
October	—	—	—	—	—	—	853.1	911.4	W	W	—	4,577.9
November	—	—	—	—	—	—	838.4	895.6	W	4,290.5	W	4,453.5
December	—	—	—	—	—	—	855.0	910.5	W	4,476.3	W	4,746.5
1998 Average	—	—	—	—	—	—	871.5	926.5	W	W	W	4,564.4
Virginia												
January	797.3	848.1	W	W	—	4,122.5	959.9	1,018.5	1,989.4	5,418.6	339.9	7,748.0
February	820.7	875.6	W	W	—	4,350.2	987.8	1,053.1	2,061.6	5,654.8	402.5	8,118.9
March	854.8	909.0	W	W	W	4,506.1	1,027.8	1,090.9	2,101.7	5,892.3	265.2	8,259.2
April	874.1	930.6	2,091.6	W	W	4,571.5	1,057.6	1,124.1	W	6,292.4	W	8,727.9
May	903.3	958.8	2,099.0	W	W	4,512.5	1,089.8	1,154.2	2,154.3	6,177.1	NA	8,646.4
June	940.8	1,005.0	W	W	—	4,659.1	1,128.1	1,203.3	W	6,373.3	W	8,892.3
July	946.3	1,005.7	W	W	W	4,742.1	1,134.3	1,203.0	2,232.3	6,529.1	426.4	9,187.9
August	926.6	973.8	W	W	—	4,819.3	1,117.5	1,174.0	2,159.9	6,649.4	NA	9,124.1
September	915.8	963.0	2,107.9	W	W	4,690.8	1,099.1	1,156.9	W	6,342.7	W	8,862.3
October	913.4	963.3	W	W	—	4,603.3	1,101.0	1,161.3	W	6,316.5	W	8,688.5
November	885.6	933.6	W	W	—	4,400.9	1,071.1	1,127.6	2,108.9	6,059.4	NA	8,483.0
December	897.0	946.0	W	W	—	4,460.3	1,082.5	1,139.8	2,094.2	6,040.8	NA	8,634.9
1998 Average	890.0	943.1	W	W	W	4,537.6	1,071.9	1,134.3	2,133.1	6,148.2	NA	8,617.1
West Virginia												
January	—	—	—	—	—	—	520.8	539.8	46.9	518.4	—	565.3
February	—	—	—	—	—	—	527.7	543.6	51.5	466.4	—	517.9
March	—	—	—	—	—	—	558.0	571.6	W	W	—	573.1
April	—	—	—	—	—	—	570.1	584.2	W	W	—	637.5
May	—	—	—	—	—	—	560.0	572.0	W	W	—	488.5
June	—	—	—	—	—	—	556.1	569.6	W	W	—	499.4
July	—	—	—	—	—	—	586.6	601.2	W	W	—	542.9
August	—	—	—	—	—	—	610.4	622.7	W	W	—	539.3
September	—	—	—	—	—	—	600.8	613.4	W	W	—	475.7
October	—	—	—	—	—	—	614.1	627.3	W	W	—	464.9
November	—	—	—	—	—	—	576.5	589.3	W	W	—	454.6
December	—	—	—	—	—	—	585.9	596.5	W	W	—	465.3
1998 Average	—	—	—	—	—	—	572.6	586.3	W	W	—	518.7
PAD District II												
January	3,834.8	3,870.0	W	W	—	7,283.0	19,356.5	19,871.9	10,920.9	58,978.2	7,127.0	77,026.1
February	3,679.1	3,713.1	W	W	—	7,696.4	19,668.8	20,210.5	11,209.1	60,110.5	5,339.1	76,658.8
March	3,727.3	3,768.9	3,472.5	W	W	7,982.0	19,957.0	20,574.8	11,479.0	61,429.5	6,283.9	79,192.4
April	3,697.7	3,740.7	3,683.7	W	W	8,467.9	19,701.0	20,283.6	11,690.9	64,770.6	6,533.4	82,994.8
May	3,159.1	3,200.0	3,680.3	W	W	8,541.1	19,775.9	20,347.9	11,870.3	66,520.5	5,607.5	83,998.4
June	3,369.6	3,410.1	3,831.6	W	W	8,781.8	20,350.2	20,942.0	12,079.6	69,954.5	5,902.8	87,937.0
July	3,892.6	3,927.8	W	4,451.8	W	8,285.9	20,713.7	21,260.6	12,082.0	70,349.7	5,206.9	87,638.6
August	W	W	W	W	W	8,504.6	20,713.0	21,296.1	11,856.1	66,976.8	6,093.5	84,926.5
September	3,671.1	3,712.4	3,653.7	4,611.3	—	8,265.1	19,566.5	20,146.2	11,610.8	65,779.3	6,386.8	83,777.0
October	3,849.3	3,897.7	3,733.4	W	W	8,497.9	19,994.3	20,613.3	11,884.8	65,893.7	5,773.0	83,551.6
November	3,816.9	3,857.2	W	W	—	8,303.6	19,823.7	20,383.4	11,271.2	64,639.7	5,800.9	81,711.8
December	3,860.3	3,905.1	W	4,859.2	W	8,706.6	19,956.7	20,508.6	11,535.4	67,383.3	7,594.1	86,512.7
1998 Average	3,704.7	3,745.1	3,639.0	4,610.3	29.8	8,279.1	19,968.4	20,540.3	11,627.2	65,262.7	6,143.8	83,033.7

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	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
Illinois												
January	562.5	572.3	W	W	1,887.3	6,121.7	—	—	—	—	—	—
February	536.0	548.3	W	W	1,555.8	5,814.0	—	—	—	—	—	—
March	562.7	574.0	W	4,412.2	W	5,792.6	—	—	—	—	—	—
April	577.5	589.1	W	4,466.6	W	5,817.7	—	—	—	—	—	—
May	631.3	642.9	W	4,610.1	W	5,724.5	—	—	—	—	—	—
June	650.8	663.0	W	4,595.4	W	6,339.5	—	—	—	—	—	—
July	579.5	591.7	W	4,671.4	W	6,158.0	—	—	—	—	—	—
August	565.7	577.3	W	4,821.5	W	6,734.7	—	—	—	—	—	—
September	527.6	539.4	W	W	1,431.7	6,114.7	—	—	—	—	—	—
October	540.1	551.0	W	4,747.0	W	6,229.6	—	—	—	—	—	—
November	544.0	551.0	W	W	1,511.3	6,074.4	—	—	—	—	—	—
December	548.8	556.7	W	W	1,334.6	6,102.1	—	—	—	—	—	—
1998 Average	569.1	579.9	W	4,535.1	W	6,087.5	—	—	—	—	—	—
Indiana												
January	1,344.4	1,357.6	732.9	3,649.8	373.2	4,755.9	—	—	—	—	—	—
February	1,353.5	1,368.6	774.1	3,940.6	473.4	5,188.1	—	—	—	—	—	—
March	1,359.2	1,376.6	W	4,011.7	W	5,301.1	—	—	—	—	—	—
April	1,373.9	1,388.2	662.4	4,292.6	NA	5,346.2	—	—	—	—	—	—
May	1,389.0	1,404.4	675.1	4,584.5	741.2	6,000.8	—	—	—	—	—	—
June	1,435.2	1,448.1	623.2	4,823.4	396.1	5,842.6	—	—	—	—	—	—
July	1,429.3	1,440.3	621.7	4,900.3	413.7	5,935.6	—	—	—	—	—	—
August	1,482.3	1,499.3	602.1	4,613.9	454.5	5,670.4	—	—	—	—	—	—
September	1,348.6	1,359.9	W	W	430.0	5,521.7	—	—	—	—	—	—
October	1,420.1	1,433.8	W	W	369.3	5,386.0	—	—	—	—	—	—
November	1,382.4	1,419.2	W	W	NA	5,261.4	—	—	—	—	—	—
December	1,336.9	1,352.5	W	4,677.0	W	6,099.1	—	—	—	—	—	—
1998 Average	1,388.2	1,404.4	W	4,404.0	W	5,528.9	—	—	—	—	—	—
Iowa												
January	196.9	200.6	W	W	—	3,144.9	—	—	—	—	—	—
February	190.9	193.6	W	3,012.4	W	3,180.1	—	—	—	—	—	—
March	190.8	194.5	W	W	—	3,136.4	—	—	—	—	—	—
April	182.1	184.5	W	W	—	3,595.9	—	—	—	—	—	—
May	166.4	169.7	NA	3,712.4	—	3,855.2	—	—	—	—	—	—
June	158.2	161.6	NA	3,869.8	—	4,016.4	—	—	—	—	—	—
July	149.5	151.8	NA	3,957.2	—	4,099.7	—	—	—	—	—	—
August	154.3	157.0	W	W	—	3,670.1	—	—	—	—	—	—
September	143.2	145.1	W	W	—	3,662.0	—	—	—	—	—	—
October	143.8	146.3	W	W	—	3,628.9	—	—	—	—	—	—
November	141.3	144.5	W	W	—	3,570.6	—	—	—	—	—	—
December	140.7	143.2	W	W	—	3,600.1	—	—	—	—	—	—
1998 Average	163.0	165.9	W	3,460.3	W	3,598.8	—	—	—	—	—	—
Kansas												
January	559.0	574.7	W	2,842.5	W	3,696.8	—	—	—	—	—	—
February	559.2	574.3	W	2,860.3	W	3,466.0	—	—	—	—	—	—
March	579.5	597.6	W	2,833.3	W	3,653.5	—	—	—	—	—	—
April	472.0	488.3	NA	W	W	3,607.5	—	—	—	—	—	—
May	459.6	477.0	NA	2,847.4	710.0	3,723.4	—	—	—	—	—	—
June	495.7	512.7	W	2,966.6	W	3,953.4	—	—	—	—	—	—
July	578.3	590.0	W	2,810.0	W	3,598.3	—	—	—	—	—	—
August	578.0	593.1	NA	W	W	3,677.5	—	—	—	—	—	—
September	562.6	578.0	W	2,740.2	W	3,502.7	—	—	—	—	—	—
October	563.4	586.0	W	2,653.0	W	3,411.9	—	—	—	—	—	—
November	583.8	600.5	NA	W	W	3,741.0	—	—	—	—	—	—
December	594.5	607.1	W	W	917.9	3,985.1	—	—	—	—	—	—
1998 Average	548.9	565.1	NA	2,803.5	701.6	3,669.4	—	—	—	—	—	—

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
Illinois												
January	2,710.7	2,719.9	W	W	—	4,205.7	3,273.2	3,292.2	2,667.8	5,772.3	1,887.3	10,327.5
February	2,608.9	2,613.7	W	W	—	4,376.1	3,144.8	3,162.0	2,748.8	5,885.5	1,555.8	10,190.1
March	2,620.6	2,628.4	W	1,749.1	W	4,505.1	3,183.3	3,202.4	2,829.6	6,161.3	1,306.9	10,297.8
April	2,580.1	2,587.7	W	1,934.2	W	4,765.7	3,157.6	3,176.7	2,899.0	6,400.8	1,283.7	10,583.5
May	2,516.2	2,527.2	W	1,896.5	W	4,764.0	3,147.5	3,170.2	2,893.1	6,506.6	1,088.9	10,488.5
June	2,674.2	2,680.6	W	1,850.9	W	4,782.3	3,325.0	3,343.6	2,975.1	6,446.3	1,700.4	11,121.8
July	2,728.9	2,738.0	W	1,819.5	W	4,682.0	3,308.4	3,329.7	2,940.7	6,490.9	1,408.4	10,840.0
August	2,715.2	2,723.7	W	1,850.6	W	4,644.7	3,280.9	3,301.1	2,863.1	6,672.2	1,844.1	11,379.4
September	2,600.2	2,607.7	W	W	—	4,593.3	3,127.8	3,147.1	2,807.5	6,468.9	1,431.7	10,708.0
October	2,731.9	2,739.3	W	1,971.6	W	4,835.1	3,272.0	3,290.3	2,871.6	6,718.6	1,474.5	11,064.7
November	2,710.0	2,716.6	W	W	—	4,689.8	3,254.0	3,267.6	2,814.7	6,438.2	1,511.3	10,764.2
December	2,721.4	2,732.8	W	W	—	4,897.5	3,270.2	3,289.5	2,923.0	6,742.1	1,334.6	10,999.6
1998 Average	2,660.5	2,668.6	W	1,860.5	W	4,646.6	3,229.6	3,248.6	2,853.4	6,395.6	1,485.1	10,734.2
Indiana												
January	304.2	310.6	194.6	533.5	—	728.1	1,648.6	1,668.2	927.5	4,183.3	373.2	5,483.9
February	280.1	285.5	207.2	543.9	—	751.0	1,633.6	1,654.1	981.3	4,484.5	473.4	5,939.1
March	271.1	277.2	W	560.0	W	803.3	1,630.4	1,653.8	1,003.6	4,571.8	529.0	6,104.4
April	274.0	280.0	353.8	628.7	—	982.5	1,647.9	1,668.3	1,016.2	4,921.3	NA	6,328.6
May	262.8	269.9	363.2	702.8	—	1,066.0	1,651.8	1,674.3	1,038.3	5,287.3	741.2	7,066.7
June	299.6	306.9	423.1	736.4	—	1,159.5	1,734.8	1,755.0	1,046.3	5,559.8	396.1	7,002.2
July	314.9	321.7	436.4	736.3	—	1,172.6	1,744.2	1,762.0	1,058.0	5,636.5	413.7	7,108.3
August	320.3	327.1	431.5	728.3	—	1,159.9	1,802.5	1,826.5	1,033.6	5,342.2	454.5	6,830.3
September	287.3	294.3	W	W	—	1,152.8	1,636.0	1,654.2	1,001.3	5,243.3	430.0	6,674.5
October	298.5	306.0	W	W	—	1,188.5	1,718.5	1,739.8	1,006.1	5,199.1	369.3	6,574.4
November	293.2	299.3	W	W	—	1,162.8	1,675.6	1,718.4	994.4	5,128.3	NA	6,424.2
December	288.2	296.5	W	762.8	W	1,244.3	1,625.1	1,649.0	997.7	5,439.8	905.9	7,343.4
1998 Average	291.3	298.0	W	682.6	W	1,049.3	1,679.5	1,702.4	1,008.9	5,086.6	482.7	6,578.2
Iowa												
January	—	—	—	—	—	—	196.9	200.6	W	W	—	3,144.9
February	—	—	—	—	—	—	190.9	193.6	W	3,012.4	W	3,180.1
March	—	—	—	—	—	—	190.8	194.5	W	W	—	3,136.4
April	—	—	—	—	—	—	182.1	184.5	W	W	—	3,595.9
May	—	—	—	—	—	—	166.4	169.7	NA	3,712.4	—	3,855.2
June	—	—	—	—	—	—	158.2	161.6	NA	3,869.8	—	4,016.4
July	—	—	—	—	—	—	149.5	151.8	NA	3,957.2	—	4,099.7
August	—	—	—	—	—	—	154.3	157.0	W	W	—	3,670.1
September	—	—	—	—	—	—	143.2	145.1	W	W	—	3,662.0
October	—	—	—	—	—	—	143.8	146.3	W	W	—	3,628.9
November	—	—	—	—	—	—	141.3	144.5	W	W	—	3,570.6
December	—	—	—	—	—	—	140.7	143.2	W	W	—	3,600.1
1998 Average	—	—	—	—	—	—	163.0	165.9	W	3,460.3	W	3,598.8
Kansas												
January	—	—	—	—	—	—	559.0	574.7	W	2,842.5	W	3,696.8
February	—	—	—	—	—	—	559.2	574.3	W	2,860.3	W	3,466.0
March	—	—	—	—	—	—	579.5	597.6	W	2,833.3	W	3,653.5
April	—	—	—	—	—	—	472.0	488.3	NA	W	W	3,607.5
May	—	—	—	—	—	—	459.6	477.0	NA	2,847.4	710.0	3,723.4
June	—	—	—	—	—	—	495.7	512.7	W	2,966.6	W	3,953.4
July	—	—	—	—	—	—	578.3	590.0	W	2,810.0	W	3,598.3
August	—	—	—	—	—	—	578.0	593.1	NA	W	W	3,677.5
September	—	—	—	—	—	—	562.6	578.0	W	2,740.2	W	3,502.7
October	—	—	—	—	—	—	563.4	586.0	W	2,653.0	W	3,411.9
November	—	—	—	—	—	—	583.8	600.5	NA	W	W	3,741.0
December	—	—	—	—	—	—	594.5	607.1	W	W	917.9	3,985.1
1998 Average	—	—	—	—	—	—	548.9	565.1	NA	2,803.5	701.6	3,669.4

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
Kentucky												
January	W	W	W	W	—	3,226.1	—	—	—	—	—	—
February	447.7	W	W	W	—	3,162.1	—	—	—	—	—	—
March	494.5	W	W	W	—	3,476.2	—	—	—	—	—	—
April	497.3	W	W	W	W	3,642.7	—	—	—	—	—	—
May	W	738.4	W	W	W	3,436.3	—	—	—	—	—	—
June	W	W	W	W	—	3,382.3	—	—	—	—	—	—
July	505.6	W	W	W	—	3,416.6	—	—	—	—	—	—
August	515.0	544.9	W	W	W	3,314.2	—	—	—	—	—	—
September	W	509.6	W	W	W	3,439.3	—	—	—	—	—	—
October	479.2	W	W	W	W	3,612.0	—	—	—	—	—	—
November	433.8	463.7	W	W	—	3,264.0	—	—	—	—	—	—
December	480.9	507.9	W	W	—	3,456.3	—	—	—	—	—	—
1998 Average	515.4	546.7	W	W	W	3,404.0	—	—	—	—	—	—
Michigan												
January	2,732.1	2,839.2	2,521.4	6,545.9	—	9,067.3	—	—	—	—	—	—
February	2,947.0	3,071.3	2,601.3	6,746.8	—	9,348.0	—	—	—	—	—	—
March	2,961.9	3,111.4	2,610.8	6,949.0	—	9,559.8	—	—	—	—	—	—
April	3,009.2	3,138.5	W	7,291.9	W	9,933.9	—	—	—	—	—	—
May	3,029.2	3,167.8	2,673.5	7,516.0	114.2	10,303.7	—	—	—	—	—	—
June	3,176.5	3,313.6	2,726.2	8,193.1	NA	10,942.3	—	—	—	—	—	—
July	3,098.6	3,215.9	2,646.5	8,585.2	NA	11,251.2	—	—	—	—	—	—
August	3,230.4	3,369.8	2,597.8	7,226.0	—	9,823.8	—	—	—	—	—	—
September	3,007.1	3,149.8	2,596.3	7,011.4	—	9,607.7	—	—	—	—	—	—
October	3,105.1	3,252.0	2,662.2	6,844.4	—	9,506.6	—	—	—	—	—	—
November	3,062.8	3,195.3	2,578.7	7,268.2	—	9,846.9	—	—	—	—	—	—
December	3,113.6	3,237.6	2,617.1	7,466.9	—	10,084.0	—	—	—	—	—	—
1998 Average	3,039.9	3,172.4	2,620.3	7,306.8	15.8	9,942.9	—	—	—	—	—	—
Minnesota												
January	NA	W	W	W	W	W	1,138.5	W	W	W	—	W
February	W	W	W	W	W	W	W	W	W	W	—	W
March	W	W	W	989.3	W	W	W	W	W	2,783.0	—	W
April	W	W	W	1,261.5	W	W	W	W	W	2,939.5	—	W
May	W	0.8	NA	W	W	W	W	1,152.7	W	W	—	W
June	W	W	0.4	W	W	W	W	W	W	W	—	W
July	W	W	0.8	1,735.8	W	W	W	W	W	3,102.9	—	W
August	W	W	0.4	1,470.3	W	W	W	W	W	2,937.8	—	W
September	W	W	0.2	1,287.7	W	W	W	W	W	3,037.8	—	W
October	W	W	NA	1,157.1	W	W	W	W	W	3,143.7	—	W
November	W	W	NA	W	W	W	W	W	W	W	—	W
December	W	W	W	1,291.9	W	W	W	W	W	3,102.7	—	W
1998 Average	W	0.6	0.3	1,312.8	W	W	W	1,149.2	W	3,011.0	—	W
Missouri												
January	913.3	929.8	W	4,079.4	W	4,768.8	—	—	—	—	—	—
February	933.4	952.0	W	4,169.3	W	4,824.0	—	—	—	—	—	—
March	958.3	976.9	578.9	4,329.1	—	4,908.0	—	—	—	—	—	—
April	825.7	844.5	W	4,490.9	W	5,070.9	—	—	—	—	—	—
May	848.6	866.7	W	4,644.7	W	5,272.3	—	—	—	—	—	—
June	840.8	858.0	W	5,007.1	W	5,660.1	—	—	—	—	—	—
July	904.9	920.8	NA	4,921.3	—	5,528.4	—	—	—	—	—	—
August	890.9	906.9	NA	4,885.3	—	5,487.1	—	—	—	—	—	—
September	853.7	871.5	NA	4,681.4	—	5,269.7	—	—	—	—	—	—
October	876.6	895.6	NA	4,714.2	—	5,315.5	—	—	—	—	—	—
November	878.3	896.7	NA	4,682.3	—	5,235.4	—	—	—	—	—	—
December	905.3	923.0	W	5,012.6	W	5,795.3	—	—	—	—	—	—
1998 Average	885.8	903.5	580.2	4,637.7	46.5	5,264.4	—	—	—	—	—	—

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
Kentucky												
January	W	W	W	W	—	875.9	765.9	817.7	175.8	3,926.2	—	4,101.9
February	310.9	W	W	W	—	893.8	758.6	813.3	173.3	3,882.6	—	4,055.9
March	332.8	W	W	W	—	945.3	827.3	886.8	193.4	4,228.2	—	4,421.5
April	337.4	W	W	W	—	958.7	834.7	896.5	W	4,372.0	W	4,601.4
May	W	136.4	W	W	—	962.7	822.7	874.8	W	4,133.7	W	4,399.0
June	W	W	W	W	—	1,096.3	814.9	871.1	192.7	4,285.9	—	4,478.6
July	325.8	W	W	W	—	833.9	831.4	879.0	202.2	4,048.3	—	4,250.5
August	324.4	346.2	W	W	—	1,146.0	839.4	891.1	W	4,178.1	W	4,460.2
September	W	328.1	W	W	—	992.0	782.6	837.8	193.8	W	W	4,431.3
October	313.2	W	W	W	—	908.9	792.4	855.1	199.4	W	W	4,520.9
November	309.4	334.9	W	W	—	920.5	743.2	798.6	194.4	3,990.1	—	4,184.5
December	317.9	341.0	W	W	—	991.5	798.8	848.9	197.5	4,250.4	—	4,447.8
1998 Average	286.1	309.6	W	W	—	960.7	801.4	856.3	192.5	W	W	4,364.7
Michigan												
January	—	—	—	—	—	—	2,732.1	2,839.2	2,521.4	6,545.9	—	9,067.3
February	—	—	—	—	—	—	2,947.0	3,071.3	2,601.3	6,746.8	—	9,348.0
March	—	—	—	—	—	—	2,961.9	3,111.4	2,610.8	6,949.0	—	9,559.8
April	—	—	—	—	—	—	3,009.2	3,138.5	W	7,291.9	W	9,933.9
May	—	—	—	—	—	—	3,029.2	3,167.8	2,673.5	7,516.0	114.2	10,303.7
June	—	—	—	—	—	—	3,176.5	3,313.6	2,726.2	8,193.1	NA	10,942.3
July	—	—	—	—	—	—	3,098.6	3,215.9	2,646.5	8,585.2	NA	11,251.2
August	—	—	—	—	—	—	3,230.4	3,369.8	2,597.8	7,226.0	—	9,823.8
September	—	—	—	—	—	—	3,007.1	3,149.8	2,596.3	7,011.4	—	9,607.7
October	—	—	—	—	—	—	3,105.1	3,252.0	2,662.2	6,844.4	—	9,506.6
November	—	—	—	—	—	—	3,062.8	3,195.3	2,578.7	7,268.2	—	9,846.9
December	—	—	—	—	—	—	3,113.6	3,237.6	2,617.1	7,466.9	—	10,084.0
1998 Average	—	—	—	—	—	—	3,039.9	3,172.4	2,620.3	7,306.8	15.8	9,942.9
Minnesota												
January	—	—	—	—	—	—	1,138.8	1,154.6	W	4,033.6	W	4,655.2
February	—	—	—	—	—	—	1,129.9	1,146.0	W	4,016.9	W	4,701.8
March	—	—	—	—	—	—	1,115.9	1,133.5	W	3,772.3	W	4,464.7
April	—	—	—	—	—	—	1,135.4	1,151.0	W	4,201.0	W	4,981.9
May	—	—	—	—	—	—	1,138.5	1,153.5	W	4,394.7	W	5,124.5
June	—	—	—	—	—	—	1,178.9	1,193.2	W	4,897.0	W	5,603.8
July	—	—	—	—	—	—	1,183.7	1,198.7	W	4,838.7	W	5,683.3
August	—	—	—	—	—	—	1,157.9	1,171.6	W	4,408.1	W	5,269.5
September	—	—	—	—	—	—	1,091.7	1,100.6	W	4,325.5	W	5,167.8
October	—	—	—	—	—	—	1,109.4	1,124.8	W	4,300.8	W	5,214.5
November	—	—	—	—	—	—	1,108.5	1,122.5	W	4,286.1	W	5,045.7
December	—	—	—	—	—	—	1,131.5	1,146.8	W	4,394.5	W	5,368.7
1998 Average	—	—	—	—	—	—	1,135.1	1,149.8	W	4,323.8	W	5,109.1
Missouri												
January	—	—	—	—	—	—	913.3	929.8	W	4,079.4	W	4,768.8
February	—	—	—	—	—	—	933.4	952.0	W	4,169.3	W	4,824.0
March	—	—	—	—	—	—	958.3	976.9	578.9	4,329.1	—	4,908.0
April	—	—	—	—	—	—	825.7	844.5	W	4,490.9	W	5,070.9
May	—	—	—	—	—	—	848.6	866.7	W	4,644.7	W	5,272.3
June	—	—	—	—	—	—	840.8	858.0	W	5,007.1	W	5,660.1
July	—	—	—	—	—	—	904.9	920.8	NA	4,921.3	—	5,528.4
August	—	—	—	—	—	—	890.9	906.9	NA	4,885.3	—	5,487.1
September	—	—	—	—	—	—	853.7	871.5	NA	4,681.4	—	5,269.7
October	—	—	—	—	—	—	876.6	895.6	NA	4,714.2	—	5,315.5
November	—	—	—	—	—	—	878.3	896.7	NA	4,682.3	—	5,235.4
December	—	—	—	—	—	—	905.3	923.0	W	5,012.6	W	5,795.3
1998 Average	—	—	—	—	—	—	885.8	903.5	580.2	4,637.7	46.5	5,264.4

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												
January	103.0	104.4	W	W	—	1,868.4	—	—	—	—	—	—
February	104.6	105.9	W	W	—	1,768.8	—	—	—	—	—	—
March	99.2	100.3	W	W	—	1,809.6	—	—	—	—	—	—
April	91.8	92.8	NA	1,768.5	—	1,917.6	—	—	—	—	—	—
May	82.1	83.5	NA	1,787.9	—	1,949.1	—	—	—	—	—	—
June	77.7	79.1	NA	1,999.1	—	2,167.5	—	—	—	—	—	—
July	65.5	67.5	NA	1,952.1	—	2,126.5	—	—	—	—	—	—
August	62.4	63.9	NA	1,838.8	—	2,004.6	—	—	—	—	—	—
September	58.7	60.7	NA	1,875.8	—	2,031.9	—	—	—	—	—	—
October	55.3	57.2	NA	1,868.4	—	2,031.6	—	—	—	—	—	—
November	56.6	57.7	NA	1,751.6	—	1,892.7	—	—	—	—	—	—
December	57.6	59.7	NA	1,873.9	—	2,027.8	—	—	—	—	—	—
1998 Average	76.0	77.5	NA	1,811.2	—	1,967.6	—	—	—	—	—	—
North Dakota												
January	W	4.1	W	W	—	951.1	—	—	—	—	—	—
February	W	4.0	W	W	—	839.8	—	—	—	—	—	—
March	W	4.3	W	W	—	882.8	—	—	—	—	—	—
April	W	3.6	NA	911.2	—	1,000.9	—	—	—	—	—	—
May	W	3.5	NA	869.8	—	962.9	—	—	—	—	—	—
June	W	3.8	NA	1,015.3	—	1,108.6	—	—	—	—	—	—
July	W	3.5	NA	1,127.9	—	1,220.2	—	—	—	—	—	—
August	W	3.6	NA	933.6	—	1,024.0	—	—	—	—	—	—
September	W	W	NA	944.3	—	1,032.4	—	—	—	—	—	—
October	W	4.5	NA	940.1	—	1,030.6	—	—	—	—	—	—
November	W	W	NA	875.5	—	961.0	—	—	—	—	—	—
December	W	W	NA	873.3	—	959.2	—	—	—	—	—	—
1998 Average	W	4.1	W	W	—	998.8	—	—	—	—	—	—
Ohio												
January	4,835.8	5,026.5	W	5,661.3	W	8,293.2	—	—	—	—	—	—
February	5,025.8	5,228.6	W	5,664.6	W	8,246.3	—	—	—	—	—	—
March	5,057.7	5,274.1	W	5,989.1	W	8,701.2	—	—	—	—	—	—
April	5,184.7	5,410.4	W	6,255.8	W	9,132.7	—	—	—	—	—	—
May	5,271.7	5,489.8	W	6,334.6	W	9,018.8	—	—	—	—	—	—
June	5,338.5	5,566.1	W	6,501.2	W	9,139.2	—	—	—	—	—	—
July	5,513.3	5,740.3	W	6,488.3	W	9,204.7	—	—	—	—	—	—
August	5,370.7	5,586.3	W	6,496.4	W	9,565.8	—	—	—	—	—	—
September	5,087.8	5,308.7	W	6,441.7	W	9,065.9	—	—	—	—	—	—
October	5,072.0	5,299.9	W	6,763.4	W	9,440.6	—	—	—	—	—	—
November	5,026.0	5,212.6	W	6,218.7	W	8,798.4	—	—	—	—	—	—
December	4,959.9	5,167.5	W	6,483.3	W	9,201.4	—	—	—	—	—	—
1998 Average	5,146.2	5,360.1	2,500.4	6,279.0	210.1	8,989.5	—	—	—	—	—	—
Oklahoma												
January	916.5	953.2	W	W	3,521.2	6,913.8	—	—	—	—	—	—
February	917.1	949.0	W	3,447.8	W	5,788.9	—	—	—	—	—	—
March	955.2	1,004.1	W	3,293.4	W	6,621.9	—	—	—	—	—	—
April	817.0	850.3	W	W	3,427.8	6,807.0	—	—	—	—	—	—
May	798.9	831.0	W	3,334.8	W	5,884.7	—	—	—	—	—	—
June	810.0	848.5	W	3,418.6	W	6,141.0	—	—	—	—	—	—
July	962.8	992.0	W	3,439.5	W	5,871.5	—	—	—	—	—	—
August	925.9	960.5	W	3,253.9	W	5,510.0	—	—	—	—	—	—
September	892.2	924.6	W	W	3,475.2	6,818.7	—	—	—	—	—	—
October	913.6	945.5	NA	3,299.0	2,717.0	6,086.4	—	—	—	—	—	—
November	930.8	962.2	W	3,402.2	W	6,024.3	—	—	—	—	—	—
December	941.7	975.9	W	3,645.7	W	7,155.7	—	—	—	—	—	—
1998 Average	898.7	933.3	W	3,368.3	W	6,304.6	—	—	—	—	—	—

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
Nebraska												
January	—	—	—	—	—	—	103.0	104.4	W	W	—	1,868.4
February	—	—	—	—	—	—	104.6	105.9	W	W	—	1,768.8
March	—	—	—	—	—	—	99.2	100.3	W	W	—	1,809.6
April	—	—	—	—	—	—	91.8	92.8	NA	1,768.5	—	1,917.6
May	—	—	—	—	—	—	82.1	83.5	NA	1,787.9	—	1,949.1
June	—	—	—	—	—	—	77.7	79.1	NA	1,999.1	—	2,167.5
July	—	—	—	—	—	—	65.5	67.5	NA	1,952.1	—	2,126.5
August	—	—	—	—	—	—	62.4	63.9	NA	1,838.8	—	2,004.6
September	—	—	—	—	—	—	58.7	60.7	NA	1,875.8	—	2,031.9
October	—	—	—	—	—	—	55.3	57.2	NA	1,868.4	—	2,031.6
November	—	—	—	—	—	—	56.6	57.7	NA	1,751.6	—	1,892.7
December	—	—	—	—	—	—	57.6	59.7	NA	1,873.9	—	2,027.8
1998 Average	—	—	—	—	—	—	76.0	77.5	NA	1,811.2	—	1,967.6
North Dakota												
January	—	—	—	—	—	—	W	4.1	W	W	—	951.1
February	—	—	—	—	—	—	W	4.0	W	W	—	839.8
March	—	—	—	—	—	—	W	4.3	W	W	—	882.8
April	—	—	—	—	—	—	W	3.6	NA	911.2	—	1,000.9
May	—	—	—	—	—	—	W	3.5	NA	869.8	—	962.9
June	—	—	—	—	—	—	W	3.8	NA	1,015.3	—	1,108.6
July	—	—	—	—	—	—	W	3.5	NA	1,127.9	—	1,220.2
August	—	—	—	—	—	—	W	3.6	NA	933.6	—	1,024.0
September	—	—	—	—	—	—	W	W	NA	944.3	—	1,032.4
October	—	—	—	—	—	—	W	4.5	NA	940.1	—	1,030.6
November	—	—	—	—	—	—	W	W	NA	875.5	—	961.0
December	—	—	—	—	—	—	W	W	NA	873.3	—	959.2
1998 Average	—	—	—	—	—	—	W	4.1	W	W	—	998.8
Ohio												
January	—	—	—	—	—	—	4,835.8	5,026.5	W	5,661.3	W	8,293.2
February	—	—	—	—	—	—	5,025.8	5,228.6	W	5,664.6	W	8,246.3
March	—	—	—	—	—	—	5,057.7	5,274.1	W	5,989.1	W	8,701.2
April	—	—	—	—	—	—	5,184.7	5,410.4	W	6,255.8	W	9,132.7
May	—	—	—	—	—	—	5,271.7	5,489.8	W	6,334.6	W	9,018.8
June	—	—	—	—	—	—	5,338.5	5,566.1	W	6,501.2	W	9,139.2
July	—	—	—	—	—	—	5,513.3	5,740.3	W	6,488.3	W	9,204.7
August	—	—	—	—	—	—	5,370.7	5,586.3	W	6,496.4	W	9,565.8
September	—	—	—	—	—	—	5,087.8	5,308.7	W	6,441.7	W	9,065.9
October	—	—	—	—	—	—	5,072.0	5,299.9	W	6,763.4	W	9,440.6
November	—	—	—	—	—	—	5,026.0	5,212.6	W	6,218.7	W	8,798.4
December	—	—	—	—	—	—	4,959.9	5,167.5	W	6,483.3	W	9,201.4
1998 Average	—	—	—	—	—	—	5,146.2	5,360.1	2,500.4	6,279.0	210.1	8,989.5
Oklahoma												
January	—	—	—	—	—	—	916.5	953.2	W	W	3,521.2	6,913.8
February	—	—	—	—	—	—	917.1	949.0	W	3,447.8	W	5,788.9
March	—	—	—	—	—	—	955.2	1,004.1	W	3,293.4	W	6,621.9
April	—	—	—	—	—	—	817.0	850.3	W	W	3,427.8	6,807.0
May	—	—	—	—	—	—	798.9	831.0	W	3,334.8	W	5,884.7
June	—	—	—	—	—	—	810.0	848.5	W	3,418.6	W	6,141.0
July	—	—	—	—	—	—	962.8	992.0	W	3,439.5	W	5,871.5
August	—	—	—	—	—	—	925.9	960.5	W	3,253.9	W	5,510.0
September	—	—	—	—	—	—	892.2	924.6	W	W	3,475.2	6,818.7
October	—	—	—	—	—	—	913.6	945.5	NA	3,299.0	2,717.0	6,086.4
November	—	—	—	—	—	—	930.8	962.2	W	3,402.2	W	6,024.3
December	—	—	—	—	—	—	941.7	975.9	W	3,645.7	W	7,155.7
1998 Average	—	—	—	—	—	—	898.7	933.3	W	3,368.3	W	6,304.6

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	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
South Dakota												
January	W	14.5	36.4	937.5	—	973.9	—	—	—	—	—	—
February	W	14.6	31.8	919.3	—	951.0	—	—	—	—	—	—
March	W	13.8	39.3	907.4	—	946.7	—	—	—	—	—	—
April	W	15.0	NA	1,024.0	—	1,064.7	—	—	—	—	—	—
May	W	15.0	NA	1,028.2	—	1,070.7	—	—	—	—	—	—
June	W	15.2	NA	1,192.4	—	1,240.4	—	—	—	—	—	—
July	W	15.9	NA	1,254.2	—	1,303.7	—	—	—	—	—	—
August	W	15.2	NA	1,153.8	—	1,202.8	—	—	—	—	—	—
September	W	W	NA	1,053.2	—	1,096.4	—	—	—	—	—	—
October	W	14.9	NA	1,149.2	—	1,194.8	—	—	—	—	—	—
November	W	W	NA	939.3	—	976.1	—	—	—	—	—	—
December	W	W	NA	1,072.5	—	1,112.8	—	—	—	—	—	—
1998 Average	W	14.8	42.0	1,053.7	—	1,095.7	—	—	—	—	—	—
Tennessee												
January	1,504.3	1,530.6	284.1	6,994.6	—	7,278.7	—	—	—	—	—	—
February	1,582.2	1,612.5	298.4	7,410.0	—	7,708.4	—	—	—	—	—	—
March	1,627.6	1,658.6	299.1	7,623.3	—	7,922.4	—	—	—	—	—	—
April	1,573.0	1,602.0	294.0	7,933.4	—	8,227.4	—	—	—	—	—	—
May	1,584.9	1,609.1	316.4	8,351.5	—	8,667.9	—	—	—	—	—	—
June	1,595.3	1,626.1	305.6	8,706.7	—	9,012.3	—	—	—	—	—	—
July	1,570.3	1,600.5	296.9	8,729.5	—	9,026.4	—	—	—	—	—	—
August	1,614.6	1,653.3	280.5	8,432.8	—	8,713.3	—	—	—	—	—	—
September	1,578.6	1,613.5	271.2	8,402.8	—	8,673.9	—	—	—	—	—	—
October	1,597.1	1,635.2	283.2	8,215.9	—	8,499.1	—	—	—	—	—	—
November	1,585.5	1,619.2	255.9	8,199.2	—	8,455.1	—	—	—	—	—	—
December	1,606.7	1,639.0	261.5	8,161.3	—	8,422.8	—	—	—	—	—	—
1998 Average	1,585.1	1,616.7	287.2	8,100.0	—	8,387.2	—	—	—	—	—	—
Wisconsin												
January	W	W	W	3,902.9	—	W	—	—	—	W	—	W
February	246.4	W	W	3,858.6	—	W	—	—	—	W	—	W
March	251.1	W	W	3,919.2	—	W	—	—	—	W	—	W
April	247.3	W	W	4,254.1	—	W	—	—	—	W	—	W
May	W	495.5	NA	4,326.5	W	W	—	—	—	W	—	W
June	W	W	NA	4,465.0	W	W	—	—	—	W	—	W
July	262.3	W	NA	W	W	W	—	—	—	W	—	W
August	W	W	NA	4,603.1	W	W	—	—	—	W	—	W
September	W	255.2	NA	4,369.2	W	W	—	—	—	W	—	W
October	251.8	W	NA	4,305.2	W	W	—	—	—	W	—	W
November	254.5	261.0	W	4,141.4	—	W	—	—	—	W	—	W
December	260.1	266.9	W	4,314.9	—	W	—	—	—	W	—	W
1998 Average	295.2	301.0	W	4,272.2	W	W	—	—	—	W	—	W
PAD District III												
January	4,662.4	4,924.1	W	W	W	49,152.3	335.4	336.9	W	W	—	823.3
February	4,858.8	4,996.5	W	W	W	50,514.2	345.8	347.9	W	W	—	867.6
March	5,259.4	5,418.8	W	W	19,174.5	51,221.0	205.4	205.6	W	W	—	524.5
April	3,619.6	3,782.1	W	W	W	W	W	W	W	—	—	W
May	3,742.1	3,927.5	W	W	W	W	W	W	W	—	—	W
June	3,674.2	3,854.6	W	W	W	W	W	W	W	—	—	W
July	5,722.7	5,920.9	W	W	W	W	W	W	W	—	—	W
August	W	W	W	W	W	W	—	—	W	—	—	W
September	5,345.2	5,599.7	W	W	14,382.9	47,186.8	W	W	W	W	—	276.8
October	5,387.0	W	W	W	15,307.3	48,514.6	134.4	W	W	W	—	686.3
November	5,224.5	5,426.6	W	W	W	45,519.0	273.9	275.4	W	W	—	892.8
December	5,368.2	5,462.3	W	W	15,084.5	48,338.0	290.1	291.3	W	W	—	1,015.8
1998 Average	4,872.4	5,070.6	W	W	19,821.8	52,135.3	154.8	155.4	W	W	—	435.6

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
South Dakota												
January	—	—	—	—	—	—	W	14.5	36.4	937.5	—	973.9
February	—	—	—	—	—	—	W	14.6	31.8	919.3	—	951.0
March	—	—	—	—	—	—	W	13.8	39.3	907.4	—	946.7
April	—	—	—	—	—	—	W	15.0	NA	1,024.0	—	1,064.7
May	—	—	—	—	—	—	W	15.0	NA	1,028.2	—	1,070.7
June	—	—	—	—	—	—	W	15.2	NA	1,192.4	—	1,240.4
July	—	—	—	—	—	—	W	15.9	NA	1,254.2	—	1,303.7
August	—	—	—	—	—	—	W	15.2	NA	1,153.8	—	1,202.8
September	—	—	—	—	—	—	W	W	NA	1,053.2	—	1,096.4
October	—	—	—	—	—	—	W	14.9	NA	1,149.2	—	1,194.8
November	—	—	—	—	—	—	W	W	NA	939.3	—	976.1
December	—	—	—	—	—	—	W	W	NA	1,072.5	—	1,112.8
1998 Average	—	—	—	—	—	—	W	14.8	42.0	1,053.7	—	1,095.7
Tennessee												
January	—	—	—	—	—	—	1,504.3	1,530.6	284.1	6,994.6	—	7,278.7
February	—	—	—	—	—	—	1,582.2	1,612.5	298.4	7,410.0	—	7,708.4
March	—	—	—	—	—	—	1,627.6	1,658.6	299.1	7,623.3	—	7,922.4
April	—	—	—	—	—	—	1,573.0	1,602.0	294.0	7,933.4	—	8,227.4
May	—	—	—	—	—	—	1,584.9	1,609.1	316.4	8,351.5	—	8,667.9
June	—	—	—	—	—	—	1,595.3	1,626.1	305.6	8,706.7	—	9,012.3
July	—	—	—	—	—	—	1,570.3	1,600.5	296.9	8,729.5	—	9,026.4
August	—	—	—	—	—	—	1,614.6	1,653.3	280.5	8,432.8	—	8,713.3
September	—	—	—	—	—	—	1,578.6	1,613.5	271.2	8,402.8	—	8,673.9
October	—	—	—	—	—	—	1,597.1	1,635.2	283.2	8,215.9	—	8,499.1
November	—	—	—	—	—	—	1,585.5	1,619.2	255.9	8,199.2	—	8,455.1
December	—	—	—	—	—	—	1,606.7	1,639.0	261.5	8,161.3	—	8,422.8
1998 Average	—	—	—	—	—	—	1,585.1	1,616.7	287.2	8,100.0	—	8,387.2
Wisconsin												
January	W	W	W	W	—	1,473.4	752.2	761.5	W	W	—	5,500.8
February	479.3	W	W	W	—	1,675.5	725.6	729.3	W	W	—	5,650.5
March	502.8	W	W	W	W	1,728.3	753.9	762.8	W	5,322.2	W	5,761.7
April	506.2	W	W	W	—	1,761.0	753.5	761.0	NA	5,701.1	—	6,141.0
May	W	266.5	W	W	—	1,748.5	756.8	762.0	W	5,771.1	W	6,210.9
June	W	W	W	W	—	1,743.6	787.0	794.3	W	5,895.7	W	6,349.4
July	523.1	W	W	W	—	1,597.5	785.4	792.9	W	6,070.0	W	6,526.1
August	W	W	W	W	—	1,553.9	788.5	796.2	W	5,852.5	W	6,308.3
September	W	482.3	W	W	—	1,526.9	728.2	737.4	W	5,599.2	W	6,034.1
October	505.8	W	W	W	—	1,565.5	757.6	766.3	W	5,556.4	W	6,031.0
November	504.3	506.4	W	W	—	1,530.5	758.8	767.4	W	W	—	5,791.6
December	532.8	534.8	W	W	—	1,573.2	792.8	801.7	W	W	—	6,008.9
1998 Average	466.8	468.8	W	W	W	1,622.5	762.0	769.8	NA	5,588.2	8.1	6,028.7
PAD District III												
January	4,115.3	4,142.7	W	5,108.9	W	7,884.7	9,113.1	9,403.8	2,835.2	34,114.0	20,911.0	57,860.2
February	4,391.3	4,432.6	W	5,192.5	W	8,193.6	9,595.9	9,777.1	2,920.5	35,882.2	20,772.8	59,575.5
March	4,547.0	4,585.0	2,001.5	5,393.0	1,343.2	8,737.7	10,011.7	10,209.5	2,980.5	36,985.1	20,517.7	60,483.2
April	W	W	2,015.1	W	W	9,064.8	6,708.3	6,903.7	2,981.7	36,354.4	29,586.8	68,922.9
May	W	W	2,029.3	W	W	8,970.3	6,990.4	7,205.6	3,015.0	36,628.3	27,129.2	66,772.5
June	W	W	2,077.3	W	W	8,427.1	7,014.2	7,212.9	3,069.1	38,115.8	26,544.8	67,729.8
July	W	W	2,073.6	W	W	8,592.5	10,359.5	10,562.2	3,048.8	39,129.8	22,972.4	65,151.0
August	W	W	2,032.0	W	W	8,723.0	10,096.5	10,429.1	2,983.8	37,983.3	19,526.5	60,493.6
September	W	W	1,946.4	5,604.3	1,983.6	9,534.3	9,791.8	10,057.2	2,858.7	37,772.7	16,366.5	56,997.9
October	4,219.8	4,232.1	1,709.1	6,407.7	1,017.2	9,134.0	9,741.2	9,968.1	2,684.2	39,326.2	16,324.5	58,334.9
November	4,061.1	4,076.5	W	6,084.5	W	9,463.5	9,559.5	9,778.5	2,552.7	37,340.3	15,982.3	55,875.3
December	4,107.4	4,145.4	1,611.2	6,289.3	2,504.3	10,404.8	9,765.7	9,899.0	2,555.6	39,614.3	17,588.8	59,758.6
1998 Average	4,039.4	4,062.5	1,916.8	5,658.0	1,356.6	8,931.4	9,066.6	9,288.5	2,873.5	37,450.4	21,178.4	61,502.4

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
Alabama												
January	383.0	418.9	137.2	4,693.8	—	4,831.0	—	—	—	—	—	—
February	395.7	435.4	142.0	5,009.6	—	5,151.7	—	—	—	—	—	—
March	414.2	455.2	146.9	5,209.4	—	5,356.2	—	—	—	—	—	—
April	397.6	438.6	150.2	5,310.4	—	5,460.6	—	—	—	—	—	—
May	401.4	443.2	149.7	5,266.9	—	5,416.6	—	—	—	—	—	—
June	404.7	446.9	155.5	W	W	5,715.3	—	—	—	—	—	—
July	401.0	444.9	149.3	5,409.5	—	5,558.7	—	—	—	—	—	—
August	395.2	439.5	142.6	5,155.1	—	5,297.7	—	—	—	—	—	—
September	381.7	422.9	139.6	5,288.9	—	5,428.5	—	—	—	—	—	—
October	382.3	430.5	152.8	5,505.3	—	5,658.1	—	—	—	—	—	—
November	380.9	424.9	139.4	5,144.2	—	5,283.6	—	—	—	—	—	—
December	398.0	441.6	142.7	W	W	5,583.5	—	—	—	—	—	—
1998 Average	394.7	436.9	145.7	5,245.6	5.0	5,396.3	—	—	—	—	—	—
Arkansas												
January	250.0	256.2	W	3,323.9	W	3,645.3	—	—	—	—	—	—
February	250.4	252.9	W	3,531.4	W	3,894.9	—	—	—	—	—	—
March	260.7	262.8	W	3,650.9	W	4,180.4	—	—	—	—	—	—
April	119.6	123.0	W	3,640.7	W	4,065.0	—	—	—	—	—	—
May	125.7	127.7	W	3,564.6	W	4,119.7	—	—	—	—	—	—
June	130.8	133.1	W	3,760.5	W	4,081.9	—	—	—	—	—	—
July	249.2	251.7	W	3,703.3	W	4,123.4	—	—	—	—	—	—
August	229.3	231.5	W	3,517.5	W	3,798.1	—	—	—	—	—	—
September	234.0	237.3	W	3,520.0	W	3,857.9	—	—	—	—	—	—
October	222.2	224.8	W	3,457.2	W	3,820.0	—	—	—	—	—	—
November	240.2	240.8	W	3,424.8	W	3,757.6	—	—	—	—	—	—
December	253.3	253.5	W	3,615.1	W	4,001.0	—	—	—	—	—	—
1998 Average	213.8	216.3	W	3,559.1	W	3,945.9	—	—	—	—	—	—
Louisiana												
January	1,030.2	W	445.9	3,799.9	W	W	—	—	—	—	—	—
February	1,100.1	W	476.0	4,100.6	W	W	—	—	—	—	—	—
March	1,126.0	W	490.5	4,225.0	W	W	—	—	—	—	—	—
April	1,023.3	W	473.4	4,321.8	W	W	—	—	—	—	—	—
May	1,086.5	W	483.8	4,345.9	W	W	—	—	—	—	—	—
June	1,051.2	W	483.4	4,495.3	1,579.0	6,557.7	—	—	—	—	—	—
July	1,171.2	1,185.5	476.1	4,451.2	W	W	—	—	—	—	—	—
August	1,127.0	W	456.2	4,308.5	2,087.6	6,852.3	—	—	—	—	—	—
September	1,094.7	W	435.8	4,273.2	W	W	—	—	—	—	—	—
October	1,155.2	W	462.8	4,389.8	W	W	—	—	—	—	—	—
November	1,130.7	W	451.1	4,104.3	W	W	—	—	—	—	—	—
December	1,170.4	W	432.5	4,354.1	W	W	—	—	—	—	—	—
1998 Average	1,105.9	W	463.9	4,265.1	W	W	—	—	—	—	—	—
Mississippi												
January	129.7	149.3	11.0	W	W	3,922.2	—	—	—	—	—	—
February	140.0	161.6	10.8	W	W	4,235.4	—	—	—	—	—	—
March	142.8	161.5	11.0	W	W	3,907.6	—	—	—	—	—	—
April	143.5	163.0	10.6	W	W	4,387.2	—	—	—	—	—	—
May	155.4	176.9	8.9	W	W	4,306.9	—	—	—	—	—	—
June	145.7	166.2	9.3	3,552.5	1,206.7	4,768.5	—	—	—	—	—	—
July	153.5	176.7	8.6	W	W	4,427.9	—	—	—	—	—	—
August	146.0	166.8	8.0	W	W	4,408.5	—	—	—	—	—	—
September	139.0	160.0	8.2	W	W	4,375.5	—	—	—	—	—	—
October	152.0	174.6	8.7	W	W	3,690.8	—	—	—	—	—	—
November	155.1	172.5	7.5	W	W	3,311.6	—	—	—	—	—	—
December	157.8	181.2	7.9	3,406.7	346.7	3,761.4	—	—	—	—	—	—
1998 Average	146.8	167.6	9.2	W	W	4,123.5	—	—	—	—	—	—

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Reformulated						All Formulations					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Alabama												
January	—	—	—	—	—	—	383.0	418.9	137.2	4,693.8	—	4,831.0
February	—	—	—	—	—	—	395.7	435.4	142.0	5,009.6	—	5,151.7
March	—	—	—	—	—	—	414.2	455.2	146.9	5,209.4	—	5,356.2
April	—	—	—	—	—	—	397.6	438.6	150.2	5,310.4	—	5,460.6
May	—	—	—	—	—	—	401.4	443.2	149.7	5,266.9	—	5,416.6
June	—	—	—	—	—	—	404.7	446.9	155.5	W	W	5,715.3
July	—	—	—	—	—	—	401.0	444.9	149.3	5,409.5	—	5,558.7
August	—	—	—	—	—	—	395.2	439.5	142.6	5,155.1	—	5,297.7
September	—	—	—	—	—	—	381.7	422.9	139.6	5,288.9	—	5,428.5
October	—	—	—	—	—	—	382.3	430.5	152.8	5,505.3	—	5,658.1
November	—	—	—	—	—	—	380.9	424.9	139.4	5,144.2	—	5,283.6
December	—	—	—	—	—	—	398.0	441.6	142.7	W	W	5,583.5
1998 Average	—	—	—	—	—	—	394.7	436.9	145.7	5,245.6	5.0	5,396.3
Arkansas												
January	—	—	—	—	—	—	250.0	256.2	W	3,323.9	W	3,645.3
February	—	—	—	—	—	—	250.4	252.9	W	3,531.4	W	3,894.9
March	—	—	—	—	—	—	260.7	262.8	W	3,650.9	W	4,180.4
April	—	—	—	—	—	—	119.6	123.0	W	3,640.7	W	4,065.0
May	—	—	—	—	—	—	125.7	127.7	W	3,564.6	W	4,119.7
June	—	—	—	—	—	—	130.8	133.1	W	3,760.5	W	4,081.9
July	—	—	—	—	—	—	249.2	251.7	W	3,703.3	W	4,123.4
August	—	—	—	—	—	—	229.3	231.5	W	3,517.5	W	3,798.1
September	—	—	—	—	—	—	234.0	237.3	W	3,520.0	W	3,857.9
October	—	—	—	—	—	—	222.2	224.8	W	3,457.2	W	3,820.0
November	—	—	—	—	—	—	240.2	240.8	W	3,424.8	W	3,757.6
December	—	—	—	—	—	—	253.3	253.5	W	3,615.1	W	4,001.0
1998 Average	—	—	—	—	—	—	213.8	216.3	W	3,559.1	W	3,945.9
Louisiana												
January	—	W	—	—	W	W	1,030.2	1,043.2	445.9	3,799.9	3,251.0	7,496.7
February	—	W	—	—	W	W	1,100.1	1,115.4	476.0	4,100.6	2,073.1	6,649.6
March	—	W	—	—	W	W	1,126.0	1,139.9	490.5	4,225.0	2,220.6	6,936.1
April	—	W	—	—	W	W	1,023.3	1,039.7	473.4	4,321.8	1,939.9	6,735.1
May	—	W	—	—	W	W	1,086.5	1,106.5	483.8	4,345.9	1,527.2	6,357.0
June	—	W	—	—	—	—	1,051.2	1,068.4	483.4	4,495.3	1,579.0	6,557.7
July	—	—	—	—	W	W	1,171.2	1,185.5	476.1	4,451.2	1,866.6	6,793.9
August	—	W	—	—	—	—	1,127.0	1,147.8	456.2	4,308.5	2,087.6	6,852.3
September	—	W	—	—	W	W	1,094.7	1,114.7	435.8	4,273.2	1,958.9	6,667.9
October	—	W	—	—	W	W	1,155.2	1,176.1	462.8	4,389.8	1,072.9	5,925.6
November	—	W	—	—	W	W	1,130.7	1,149.4	451.1	4,104.3	2,537.8	7,093.2
December	—	W	—	—	W	W	1,170.4	1,189.4	432.5	4,354.1	3,447.1	8,233.7
1998 Average	—	W	—	—	W	W	1,105.9	1,123.4	463.9	4,265.1	2,132.0	6,861.0
Mississippi												
January	—	—	—	—	—	—	129.7	149.3	11.0	W	W	3,922.2
February	—	—	—	—	—	—	140.0	161.6	10.8	W	W	4,235.4
March	—	—	—	—	—	—	142.8	161.5	11.0	W	W	3,907.6
April	—	—	—	—	—	—	143.5	163.0	10.6	W	W	4,387.2
May	—	—	—	—	—	—	155.4	176.9	8.9	W	W	4,306.9
June	—	—	—	—	—	—	145.7	166.2	9.3	3,552.5	1,206.7	4,768.5
July	—	—	—	—	—	—	153.5	176.7	8.6	W	W	4,427.9
August	—	—	—	—	—	—	146.0	166.8	8.0	W	W	4,408.5
September	—	—	—	—	—	—	139.0	160.0	8.2	W	W	4,375.5
October	—	—	—	—	—	—	152.0	174.6	8.7	W	W	3,690.8
November	—	—	—	—	—	—	155.1	172.5	7.5	W	W	3,311.6
December	—	—	—	—	—	—	157.8	181.2	7.9	3,406.7	346.7	3,761.4
1998 Average	—	—	—	—	—	—	146.8	167.6	9.2	W	W	4,123.5

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
New Mexico												
January	W	W	W	W	—	W	W	W	W	W	—	W
February	W	W	W	W	—	W	W	W	W	W	—	W
March	W	W	W	W	—	W	W	W	W	W	—	W
April	W	W	W	W	—	W	W	W	W	—	—	W
May	W	W	W	W	—	W	W	W	W	—	—	W
June	W	W	W	W	—	W	W	W	W	—	—	W
July	W	W	W	W	—	W	W	W	W	—	—	W
August	599.9	604.5	W	W	—	W	—	—	W	—	—	W
September	W	586.7	W	W	—	W	—	—	W	—	—	W
October	W	W	W	W	—	W	W	W	W	W	—	W
November	W	W	W	W	—	W	W	W	W	W	—	W
December	W	W	W	W	—	W	W	W	W	W	—	W
1998 Average	W	W	W	W	—	W	W	W	W	W	—	W
Texas												
January	W	2,749.2	W	W	15,791.7	28,145.5	W	W	—	W	—	W
February	W	2,716.5	W	W	16,528.5	29,435.9	W	W	—	W	—	W
March	W	2,907.7	W	W	W	29,266.9	W	W	—	W	—	W
April	W	1,639.6	179.7	W	24,595.0	W	—	—	—	—	—	—
May	W	1,659.5	181.7	W	22,843.5	W	—	—	—	—	—	—
June	W	1,657.3	176.7	W	W	36,280.2	—	—	—	—	—	—
July	W	W	170.2	W	19,016.9	W	—	—	—	—	—	—
August	W	3,285.2	166.4	W	W	29,506.3	—	—	—	—	—	—
September	W	W	167.7	W	W	25,242.3	W	W	—	W	—	W
October	W	3,029.8	W	W	W	27,812.8	W	W	—	W	—	W
November	W	2,988.0	W	13,452.2	W	25,110.6	W	W	W	482.2	—	W
December	W	2,950.0	W	14,298.5	W	26,233.1	W	W	W	547.5	—	W
1998 Average	W	2,664.9	W	13,434.8	W	30,342.8	W	W	W	263.7	—	W
PAD District IV												
January	1,082.6	1,210.4	W	W	W	5,507.9	1,270.6	1,273.8	W	W	—	1,974.1
February	1,545.6	1,701.8	W	W	W	6,382.7	825.5	829.5	W	W	—	1,434.1
March	W	W	1,012.1	W	W	7,465.9	W	W	W	W	—	496.9
April	1,858.2	2,000.7	W	W	W	7,350.3	—	—	—	W	—	526.1
May	1,892.0	2,024.6	W	W	W	7,766.1	—	—	—	W	—	495.4
June	2,030.4	2,179.0	W	W	W	8,524.2	—	—	—	W	—	526.8
July	3,041.3	3,199.4	1,193.3	W	—	W	—	—	—	W	—	W
August	2,994.5	3,139.8	W	W	—	8,933.0	—	—	—	W	—	532.5
September	2,836.3	2,985.9	1,181.0	7,128.4	—	8,309.4	—	—	—	514.5	—	514.5
October	2,768.7	W	1,054.5	W	W	7,783.8	—	W	W	W	—	852.0
November	2,243.2	2,373.4	W	W	W	6,333.9	540.8	543.4	W	W	—	1,734.8
December	2,394.8	2,546.1	W	W	135.5	6,971.1	455.9	461.8	W	W	—	1,748.7
1998 Average	2,291.5	2,436.6	1,024.5	6,491.9	35.8	7,552.2	255.4	256.7	38.9	905.0	—	943.9
Colorado												
January	W	NA	W	1,022.7	W	1,078.9	W	1,267.3	235.9	1,422.5	—	1,658.4
February	W	836.9	W	W	W	1,730.6	W	817.6	W	W	—	1,136.6
March	1,998.9	2,000.1	W	W	W	W	—	—	—	W	—	W
April	1,125.0	1,126.9	W	W	W	2,069.6	—	—	—	W	—	526.1
May	1,136.3	1,140.1	W	W	W	2,237.0	—	—	—	W	—	495.4
June	1,216.0	1,220.7	W	W	W	2,351.6	—	—	—	W	—	526.8
July	2,141.8	2,148.0	NA	W	—	W	—	—	—	W	—	W
August	2,114.5	2,119.7	W	W	—	2,561.4	—	—	—	W	—	532.5
September	2,009.1	2,013.6	W	W	—	2,449.3	—	—	—	W	—	514.5
October	1,956.0	W	W	1,839.3	W	2,126.1	—	W	W	W	—	783.3
November	W	1,489.6	W	W	W	1,468.7	W	539.0	W	W	—	1,420.2
December	W	1,587.9	W	W	W	1,566.5	W	457.5	W	W	—	1,448.2
1998 Average	W	1,510.8	NA	W	W	2,047.7	W	253.6	W	W	—	836.7

See footnotes at end of table.

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

Geographic Area Month	Reformulated						All Formulations					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
New Mexico												
January	—	—	—	—	—	—	546.7	549.2	W	W	—	1,661.8
February	—	—	—	—	—	—	568.6	571.8	W	W	—	1,716.2
March	—	—	—	—	—	—	620.3	622.6	W	W	—	1,713.9
April	—	—	—	—	—	—	444.0	446.7	W	W	—	1,763.7
May	—	—	—	—	—	—	481.7	484.1	W	W	—	1,871.2
June	—	—	—	—	—	—	455.5	457.6	W	W	—	1,899.0
July	—	—	—	—	—	—	604.5	608.0	W	W	—	2,022.9
August	—	—	—	—	—	—	599.9	604.5	W	W	—	1,907.7
September	—	—	—	—	—	—	582.2	586.7	W	W	—	1,837.0
October	—	—	—	—	—	—	608.1	610.1	W	W	—	1,897.1
November	—	—	—	—	—	—	627.3	629.2	W	W	—	1,649.4
December	—	—	—	—	—	—	641.9	643.6	W	W	—	1,838.0
1998 Average	—	—	—	—	—	—	565.4	568.2	W	W	—	1,816.0
Texas												
January	4,115.3	W	W	5,108.9	691.5	W	6,773.5	6,986.8	2,092.7	17,727.1	16,483.3	36,303.1
February	4,391.3	W	W	5,192.5	851.1	W	7,141.0	7,240.0	2,146.4	18,401.7	17,379.6	37,927.7
March	4,547.0	W	W	5,393.0	W	W	7,447.7	7,567.5	2,181.4	18,989.5	17,218.2	38,389.0
April	W	3,053.1	2,015.1	W	1,635.2	W	4,580.3	4,692.8	2,194.8	18,086.2	26,230.2	46,511.3
May	W	3,207.8	2,029.3	W	1,335.1	W	4,739.7	4,867.3	2,211.0	18,311.5	24,178.6	44,701.1
June	W	3,283.3	2,077.3	W	W	8,427.1	4,826.3	4,940.7	2,254.0	19,006.0	23,447.3	44,707.3
July	W	W	2,073.6	W	849.6	W	7,780.1	7,895.4	2,243.8	20,113.9	19,866.5	42,224.2
August	W	4,553.6	2,032.0	W	W	8,723.0	7,599.0	7,838.8	2,198.5	19,759.0	16,271.9	38,229.3
September	W	4,404.0	1,946.4	5,604.3	W	W	7,360.1	7,535.5	2,114.2	19,661.9	13,054.9	34,831.0
October	4,219.8	W	W	6,407.7	W	W	7,221.5	7,351.9	1,876.1	20,954.0	14,513.2	37,343.3
November	4,061.1	W	W	6,084.5	W	W	7,025.4	7,161.7	1,813.3	20,019.0	12,947.6	34,779.9
December	4,107.4	W	1,611.2	6,289.3	W	W	7,144.4	7,189.6	1,814.4	21,135.3	13,391.4	36,341.0
1998 Average	4,039.4	W	1,916.8	5,658.0	W	W	6,640.0	6,776.1	2,094.6	19,356.5	17,908.6	39,359.8
PAD District IV												
January	—	—	—	—	—	—	2,353.3	2,484.2	W	6,409.7	W	7,482.0
February	—	—	—	—	—	—	2,371.1	2,531.3	W	6,758.7	W	7,816.9
March	—	—	—	—	—	—	2,742.5	2,894.0	W	6,922.5	W	7,962.8
April	—	—	—	—	—	—	1,858.2	2,000.7	W	6,826.5	W	7,876.4
May	—	—	—	—	—	—	1,892.0	2,024.6	W	7,210.7	W	8,261.5
June	—	—	—	—	—	—	2,030.4	2,179.0	W	7,941.3	W	9,051.0
July	—	—	—	—	—	—	3,041.3	3,199.4	1,193.3	8,524.5	—	9,717.7
August	—	—	—	—	—	—	2,994.5	3,139.8	1,131.1	8,334.4	—	9,465.5
September	—	—	—	—	—	—	2,836.3	2,985.9	1,181.0	7,642.9	—	8,823.9
October	—	—	—	—	—	—	2,768.7	2,918.6	W	7,531.0	W	8,635.8
November	—	—	—	—	—	—	2,784.0	2,916.9	W	6,973.7	W	8,068.7
December	—	—	—	—	—	—	2,850.8	3,007.9	965.4	7,619.0	135.5	8,719.8
1998 Average	—	—	—	—	—	—	2,546.8	2,693.4	1,063.4	7,396.9	35.8	8,496.1
Colorado												
January	—	—	—	—	—	—	1,678.6	1,680.3	W	2,445.1	W	2,737.2
February	—	—	—	—	—	—	1,653.0	1,654.5	W	2,575.0	W	2,867.1
March	—	—	—	—	—	—	1,998.9	2,000.1	W	2,545.3	W	2,845.9
April	—	—	—	—	—	—	1,125.0	1,126.9	W	2,347.1	W	2,595.7
May	—	—	—	—	—	—	1,136.3	1,140.1	W	2,496.2	W	2,732.4
June	—	—	—	—	—	—	1,216.0	1,220.7	W	2,631.1	W	2,878.5
July	—	—	—	—	—	—	2,141.8	2,148.0	NA	2,820.8	—	3,077.1
August	—	—	—	—	—	—	2,114.5	2,119.7	NA	2,836.9	—	3,093.8
September	—	—	—	—	—	—	2,009.1	2,013.6	NA	2,698.7	—	2,963.8
October	—	—	—	—	—	—	1,956.0	1,962.0	NA	W	W	2,909.4
November	—	—	—	—	—	—	2,024.8	2,028.6	W	2,562.6	W	2,888.9
December	—	—	—	—	—	—	2,037.9	2,045.4	NA	W	W	3,014.7
1998 Average	—	—	—	—	—	—	1,760.3	1,764.3	W	2,604.9	W	2,884.4

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Idaho												
January	97.7	113.2	W	W	—	1,145.5	—	—	—	—	—	—
February	109.5	126.1	231.2	1,001.0	—	1,232.1	—	—	—	—	—	—
March	116.9	131.5	230.4	1,007.2	—	1,237.6	—	—	—	—	—	—
April	120.0	135.7	W	W	—	1,196.9	—	—	—	—	—	—
May	124.6	138.8	253.2	1,066.7	—	1,319.9	—	—	—	—	—	—
June	130.9	148.2	278.9	1,239.8	—	1,518.7	—	—	—	—	—	—
July	134.2	151.7	292.7	1,318.9	—	1,611.6	—	—	—	—	—	—
August	127.8	144.2	W	W	—	1,579.0	—	—	—	—	—	—
September	118.5	135.8	267.5	1,174.2	—	1,441.7	—	—	—	—	—	—
October	117.9	134.7	196.6	1,223.4	—	1,420.0	—	—	—	—	—	—
November	108.4	121.8	162.8	1,106.1	—	1,268.8	—	—	—	—	—	—
December	119.4	136.3	W	1,303.2	W	1,462.0	—	—	—	—	—	—
1998 Average	118.9	134.9	W	1,137.0	W	1,370.8	—	—	—	—	—	—
Montana												
January	W	W	W	W	—	1,018.6	—	W	—	56.2	—	56.2
February	W	W	W	W	—	1,071.2	—	W	—	57.7	—	57.7
March	W	16.9	W	W	—	1,225.6	—	—	—	—	—	—
April	W	16.6	W	W	—	1,299.4	—	—	—	—	—	—
May	W	18.2	W	W	—	1,369.5	—	—	—	—	—	—
June	W	22.7	W	W	—	1,499.3	—	—	—	—	—	—
July	W	24.6	W	W	—	1,726.8	—	—	—	—	—	—
August	W	22.6	—	1,596.8	—	1,596.8	—	—	—	—	—	—
September	W	19.9	W	W	—	1,404.4	—	—	—	—	—	—
October	W	19.5	—	1,317.6	—	1,317.6	—	—	—	28.5	—	28.5
November	W	W	W	W	—	1,170.2	—	W	—	72.6	—	72.6
December	W	W	—	W	—	W	—	W	—	W	—	W
1998 Average	W	W	W	W	—	1,324.2	—	W	—	23.4	—	23.4
Utah												
January	W	W	W	W	—	1,735.0	W	W	W	W	—	259.6
February	W	W	W	W	—	1,787.7	W	W	W	W	—	239.9
March	W	W	W	W	—	W	W	W	W	W	—	W
April	573.4	693.1	552.3	1,613.5	—	2,165.9	—	—	—	—	—	—
May	586.1	696.7	550.9	1,574.1	—	2,125.1	—	—	—	—	—	—
June	631.9	753.0	558.3	1,696.2	—	2,254.4	—	—	—	—	—	—
July	670.6	798.6	611.7	1,819.1	—	2,430.8	—	—	—	—	—	—
August	666.9	785.9	581.2	1,797.6	—	2,378.9	—	—	—	—	—	—
September	636.2	757.8	635.9	1,658.7	—	2,294.6	—	—	—	—	—	—
October	626.8	749.0	W	W	—	2,226.2	—	—	—	W	—	40.1
November	W	W	594.9	1,262.9	—	1,857.8	W	W	—	242.0	—	242.0
December	W	W	587.9	W	—	W	W	W	—	W	—	W
1998 Average	W	W	W	W	—	2,127.3	W	W	W	W	—	83.8
Wyoming												
January	W	47.4	W	W	—	529.9	—	—	—	—	—	—
February	W	51.8	W	W	—	561.1	—	—	—	—	—	—
March	W	50.9	W	W	—	599.6	—	—	—	—	—	—
April	W	28.4	W	W	—	618.5	—	—	—	—	—	—
May	W	30.9	W	W	—	714.7	—	—	—	—	—	—
June	W	34.4	W	W	—	900.1	—	—	—	—	—	—
July	W	76.5	W	W	—	871.4	—	—	—	—	—	—
August	W	67.5	W	W	—	817.0	—	—	—	—	—	—
September	W	58.8	W	W	—	719.4	—	—	—	—	—	—
October	W	53.4	W	W	—	693.9	—	—	—	—	—	—
November	W	47.7	W	W	—	568.4	—	—	—	—	—	—
December	W	46.6	W	W	—	582.5	—	—	—	—	—	—
1998 Average	W	49.6	W	W	—	682.1	—	—	—	—	—	—

See footnotes at end of table.

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

Geographic Area Month	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												
January	—	—	—	—	—	—	97.7	113.2	W	W	—	1,145.5
February	—	—	—	—	—	—	109.5	126.1	231.2	1,001.0	—	1,232.1
March	—	—	—	—	—	—	116.9	131.5	230.4	1,007.2	—	1,237.6
April	—	—	—	—	—	—	120.0	135.7	W	W	—	1,196.9
May	—	—	—	—	—	—	124.6	138.8	253.2	1,066.7	—	1,319.9
June	—	—	—	—	—	—	130.9	148.2	278.9	1,239.8	—	1,518.7
July	—	—	—	—	—	—	134.2	151.7	292.7	1,318.9	—	1,611.6
August	—	—	—	—	—	—	127.8	144.2	W	W	—	1,579.0
September	—	—	—	—	—	—	118.5	135.8	267.5	1,174.2	—	1,441.7
October	—	—	—	—	—	—	117.9	134.7	196.6	1,223.4	—	1,420.0
November	—	—	—	—	—	—	108.4	121.8	162.8	1,106.1	—	1,268.8
December	—	—	—	—	—	—	119.4	136.3	W	1,303.2	W	1,462.0
1998 Average	—	—	—	—	—	—	118.9	134.9	W	1,137.0	W	1,370.8
Montana												
January	—	—	—	—	—	—	W	14.8	W	W	—	1,074.7
February	—	—	—	—	—	—	W	16.1	W	W	—	1,128.9
March	—	—	—	—	—	—	W	16.9	W	W	—	1,225.6
April	—	—	—	—	—	—	W	16.6	W	W	—	1,299.4
May	—	—	—	—	—	—	W	18.2	W	W	—	1,369.5
June	—	—	—	—	—	—	W	22.7	W	W	—	1,499.3
July	—	—	—	—	—	—	W	24.6	W	W	—	1,726.8
August	—	—	—	—	—	—	W	22.6	—	1,596.8	—	1,596.8
September	—	—	—	—	—	—	W	19.9	W	W	—	1,404.4
October	—	—	—	—	—	—	W	19.5	—	1,346.1	—	1,346.1
November	—	—	—	—	—	—	W	16.5	W	W	—	1,242.8
December	—	—	—	—	—	—	W	15.7	—	1,237.9	—	1,237.9
1998 Average	—	—	—	—	—	—	W	18.7	W	W	—	1,347.6
Utah												
January	—	—	—	—	—	—	520.5	628.5	555.0	1,439.6	—	1,994.6
February	—	—	—	—	—	—	545.6	682.7	531.5	1,496.0	—	2,027.6
March	—	—	—	—	—	—	564.9	694.5	505.1	1,549.1	—	2,054.2
April	—	—	—	—	—	—	573.4	693.1	552.3	1,613.5	—	2,165.9
May	—	—	—	—	—	—	586.1	696.7	550.9	1,574.1	—	2,125.1
June	—	—	—	—	—	—	631.9	753.0	558.3	1,696.2	—	2,254.4
July	—	—	—	—	—	—	670.6	798.6	611.7	1,819.1	—	2,430.8
August	—	—	—	—	—	—	666.9	785.9	581.2	1,797.6	—	2,378.9
September	—	—	—	—	—	—	636.2	757.8	635.9	1,658.7	—	2,294.6
October	—	—	—	—	—	—	626.8	749.0	610.0	1,656.3	—	2,266.3
November	—	—	—	—	—	—	592.4	702.3	594.9	1,504.9	—	2,099.8
December	—	—	—	—	—	—	636.4	763.9	587.9	1,834.8	—	2,422.7
1998 Average	—	—	—	—	—	—	604.8	725.8	573.1	1,638.0	—	2,211.1
Wyoming												
January	—	—	—	—	—	—	W	47.4	W	W	—	529.9
February	—	—	—	—	—	—	W	51.8	W	W	—	561.1
March	—	—	—	—	—	—	W	50.9	W	W	—	599.6
April	—	—	—	—	—	—	W	28.4	W	W	—	618.5
May	—	—	—	—	—	—	W	30.9	W	W	—	714.7
June	—	—	—	—	—	—	W	34.4	W	W	—	900.1
July	—	—	—	—	—	—	W	76.5	W	W	—	871.4
August	—	—	—	—	—	—	W	67.5	W	W	—	817.0
September	—	—	—	—	—	—	W	58.8	W	W	—	719.4
October	—	—	—	—	—	—	W	53.4	W	W	—	693.9
November	—	—	—	—	—	—	W	47.7	W	W	—	568.4
December	—	—	—	—	—	—	W	46.6	W	W	—	582.5
1998 Average	—	—	—	—	—	—	W	49.6	W	W	—	682.1

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
PAD District V												
January	1,830.5	1,930.5	W	5,408.5	W	8,973.9	1,379.3	1,389.0	W	W	—	4,512.2
February	1,917.5	2,022.3	W	5,691.4	W	10,152.4	1,622.9	1,631.5	W	W	—	4,539.3
March	W	W	3,238.6	W	W	12,123.0	W	W	W	W	—	3,135.8
April	2,351.0	2,468.9	4,304.5	7,457.4	W	W	W	W	W	W	—	W
May	2,418.9	2,537.7	4,485.3	7,565.8	W	W	W	W	W	W	—	W
June	2,506.5	2,631.3	4,600.4	8,538.8	W	W	W	W	W	W	—	W
July	2,832.0	2,960.7	W	9,086.1	W	15,765.4	W	W	W	W	—	1,467.1
August	W	W	W	8,879.5	W	W	W	W	W	W	—	W
September	2,800.7	2,945.0	3,804.9	8,049.9	2,074.8	13,929.6	W	W	2,085.5	377.2	—	2,462.7
October	3,476.3	3,609.4	4,505.1	W	W	12,752.5	869.7	879.0	W	W	—	3,948.3
November	2,764.8	2,878.2	W	6,019.1	W	10,360.5	1,551.6	1,560.8	W	W	—	5,791.5
December	2,890.6	3,011.8	W	5,572.9	W	9,748.3	1,674.6	1,720.4	4,013.4	1,964.0	—	5,977.4
1998 Average	2,578.7	2,698.8	3,771.6	7,197.6	1,636.4	12,605.6	1,129.4	1,137.9	2,379.2	747.5	—	3,126.6
Alaska												
January	W	W	14.3	W	W	231.3	W	W	W	W	—	118.9
February	W	W	14.8	W	W	215.7	W	W	W	W	—	123.1
March	W	W	85.6	W	W	W	W	W	W	W	—	W
April	W	W	84.6	W	W	W	W	W	W	W	—	W
May	W	W	W	W	W	W	W	W	W	W	—	W
June	W	W	113.5	W	W	W	W	W	W	W	—	W
July	320.5	327.6	W	W	W	W	—	—	—	W	—	W
August	W	W	115.2	W	W	W	W	W	W	W	—	W
September	W	W	99.0	W	W	W	W	W	W	W	—	W
October	W	W	NA	W	W	384.7	W	W	W	W	—	40.4
November	W	W	27.1	235.7	—	262.8	W	W	W	W	—	123.4
December	W	W	30.0	W	W	275.0	W	W	W	W	—	137.9
1998 Average	W	W	73.8	314.6	W	W	W	W	W	21.9	—	W
Arizona												
January	258.1	266.1	W	732.6	W	972.1	464.1	464.5	W	W	—	589.5
February	287.6	296.3	W	W	134.6	914.0	525.1	525.1	W	W	—	664.6
March	339.1	346.8	W	W	151.1	995.3	559.6	559.9	533.4	W	—	W
April	312.7	317.7	W	754.2	W	W	W	W	W	W	—	W
May	W	W	W	793.9	W	1,323.1	—	—	—	—	—	—
June	W	W	W	850.1	W	1,351.0	—	—	—	—	—	—
July	W	621.6	W	933.5	W	W	—	W	—	W	—	W
August	W	674.5	W	W	229.5	1,604.3	—	W	—	W	—	W
September	654.3	659.8	268.2	W	W	1,573.0	W	W	110.5	41.0	—	151.5
October	922.0	934.4	685.8	919.0	208.7	1,813.5	479.8	485.8	W	W	—	1,071.6
November	554.7	562.6	W	W	213.2	1,068.8	1,022.0	1,028.2	W	W	—	2,014.0
December	585.4	591.6	W	W	134.6	983.4	1,092.9	1,097.7	1,488.0	616.6	—	2,104.6
1998 Average	488.1	495.0	W	W	W	1,285.0	356.6	358.8	435.2	W	—	W
California												
January	—	—	—	125.9	455.6	581.5	—	—	—	—	—	—
February	—	—	—	W	W	1,052.9	—	—	—	—	—	—
March	—	—	—	W	W	621.1	—	—	—	—	—	—
April	—	—	—	76.4	267.3	343.7	—	—	—	—	—	—
May	—	—	—	W	W	433.5	—	—	—	—	—	—
June	—	—	—	W	W	908.2	—	—	—	—	—	—
July	—	—	—	119.8	921.1	1,040.9	—	—	—	—	—	—
August	—	—	—	94.9	W	W	—	—	—	—	—	—
September	—	—	—	W	W	695.4	—	—	—	—	—	—
October	—	—	—	W	W	781.3	—	—	—	—	—	—
November	—	—	—	W	W	444.6	—	—	—	—	—	—
December	—	—	—	W	W	595.7	—	—	—	—	—	—
1998 Average	—	—	—	W	W	720.2	—	—	—	—	—	—

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
PAD District V												
January	8,849.6	8,916.4	W	W	W	31,435.3	12,059.5	12,235.9	W	12,686.2	W	44,921.5
February	9,480.1	9,549.4	W	W	W	32,176.9	13,020.4	13,203.2	W	12,955.2	W	46,868.5
March	9,615.4	9,666.4	22,833.8	W	W	33,233.7	13,458.6	13,621.9	W	13,878.5	W	48,492.5
April	W	W	22,466.8	W	W	31,240.2	12,343.9	12,496.7	W	12,434.0	W	45,948.7
May	W	W	22,496.6	W	W	31,680.9	12,411.9	12,556.8	W	12,808.6	W	46,362.0
June	W	W	22,626.0	W	W	31,665.6	12,627.0	12,781.0	W	14,139.0	W	47,969.8
July	W	W	W	W	W	34,054.0	13,994.3	14,287.7	29,006.1	16,065.7	6,214.6	51,286.5
August	W	W	W	W	W	33,715.0	13,963.9	14,232.0	29,169.9	15,886.6	6,031.3	51,087.8
September	W	W	22,525.1	6,968.1	4,139.9	33,633.1	14,681.7	15,004.9	28,415.5	15,395.2	6,214.7	50,025.4
October	9,596.6	9,746.5	21,878.3	W	W	32,682.2	13,942.6	14,234.9	W	14,378.2	W	49,382.9
November	9,256.5	9,378.4	W	W	W	31,249.2	13,572.9	13,817.4	W	14,226.1	W	47,401.2
December	9,893.3	10,040.7	W	6,905.1	W	33,444.2	14,458.5	14,772.9	28,823.5	14,442.0	5,904.3	49,169.9
1998 Average	9,673.5	9,771.2	22,233.6	6,173.0	4,119.9	32,526.6	13,381.6	13,607.9	28,384.4	14,118.1	5,756.3	48,258.8
Alaska												
January	—	—	—	—	—	—	291.5	294.0	W	237.9	W	350.2
February	—	—	—	—	—	—	251.5	255.3	W	241.8	W	338.8
March	—	—	—	—	—	—	269.7	274.7	W	239.5	W	374.6
April	—	—	—	—	—	—	281.1	287.8	W	295.4	W	425.7
May	—	—	—	—	—	—	290.4	299.7	W	362.8	W	543.4
June	—	—	—	—	—	—	310.5	319.1	W	461.9	W	611.3
July	—	—	—	—	—	—	320.5	327.6	W	459.9	W	687.5
August	—	—	—	—	—	—	303.5	310.7	W	445.2	W	593.0
September	—	—	—	—	—	—	288.0	310.4	W	412.6	W	540.1
October	—	—	—	—	—	—	315.5	319.3	W	296.8	W	425.0
November	—	—	—	—	—	—	282.3	285.0	W	W	—	386.2
December	—	—	—	—	—	—	306.9	311.2	W	283.8	W	412.9
1998 Average	—	—	—	—	—	—	293.0	299.9	W	336.6	W	475.0
Arizona												
January	1,522.3	1,526.5	W	W	W	1,380.3	2,244.5	2,257.0	1,624.8	1,181.7	135.4	2,941.9
February	1,630.6	1,636.4	W	W	—	1,465.6	2,443.3	2,457.8	1,741.4	1,168.2	134.6	3,044.3
March	1,567.7	1,572.4	W	W	—	W	2,466.5	2,479.1	1,742.5	1,250.7	151.1	3,144.3
April	W	W	1,242.3	W	W	1,629.0	2,351.1	2,360.4	1,690.6	1,134.7	143.6	2,968.9
May	W	W	W	W	W	1,590.7	2,304.2	2,313.7	1,647.9	W	W	2,913.8
June	W	W	W	W	W	1,519.3	2,322.3	2,332.6	1,596.3	W	W	2,870.2
July	W	W	W	W	W	1,481.2	2,656.0	2,668.8	1,594.9	1,226.1	168.2	2,989.2
August	W	W	W	W	—	W	2,688.8	2,699.6	1,594.1	1,279.5	229.5	3,103.2
September	W	W	1,212.7	W	W	1,516.2	2,808.2	2,821.6	1,591.4	1,314.8	334.6	3,240.8
October	1,425.7	1,425.7	W	W	—	NA	2,827.5	2,846.0	1,630.8	1,408.0	208.7	3,247.5
November	1,154.6	1,154.6	W	W	—	10.7	2,731.4	2,745.4	1,527.0	1,353.3	213.2	3,093.5
December	1,181.4	1,181.4	W	W	—	15.8	2,859.7	2,870.7	1,579.7	1,389.5	134.6	3,103.8
1998 Average	1,714.9	1,718.2	W	W	W	W	2,559.6	2,572.1	1,629.5	1,249.1	176.7	3,055.3
California												
January	7,327.3	7,389.9	20,108.1	5,495.1	4,451.9	30,055.0	7,327.3	7,389.9	20,108.1	5,620.9	4,907.5	30,636.5
February	7,849.5	7,912.9	20,962.1	W	W	30,711.3	7,849.5	7,912.9	20,962.1	5,600.6	5,201.4	31,764.1
March	8,047.6	8,094.0	21,735.6	W	W	31,757.8	8,047.6	8,094.0	21,735.6	6,055.7	4,587.6	32,378.9
April	7,076.1	7,106.6	21,224.6	4,541.8	3,844.9	29,611.2	7,076.1	7,106.6	21,224.6	4,618.2	4,112.2	29,955.0
May	7,203.1	7,224.9	W	W	W	30,090.2	7,203.1	7,224.9	21,249.8	4,955.6	4,318.3	30,523.7
June	7,364.6	7,389.2	W	W	W	30,146.3	7,364.6	7,389.2	21,424.6	5,343.6	4,286.3	31,054.5
July	8,394.7	8,553.0	21,768.7	6,638.2	4,165.9	32,572.8	8,394.7	8,553.0	21,768.7	6,758.0	5,087.0	33,613.7
August	8,369.3	8,503.8	21,893.6	6,689.9	W	W	8,369.3	8,503.8	21,893.6	6,784.7	4,698.3	33,376.6
September	8,862.2	9,029.4	21,312.4	W	W	32,116.9	8,862.2	9,029.4	21,312.4	6,809.6	4,690.4	32,812.3
October	8,170.9	8,320.8	W	W	W	32,319.7	8,170.9	8,320.8	21,570.2	6,414.7	5,116.1	33,101.0
November	8,101.9	8,223.8	20,909.7	W	W	31,238.5	8,101.9	8,223.8	20,909.7	6,379.1	4,394.3	31,683.1
December	8,711.9	8,859.4	21,712.2	W	W	33,428.3	8,711.9	8,859.4	21,712.2	7,022.7	5,289.1	34,024.0
1998 Average	7,958.6	8,053.0	21,326.7	W	W	31,367.0	7,958.6	8,053.0	21,326.7	6,036.5	4,724.0	32,087.2

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	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
Hawaii												
January	203.5	286.2	569.9	82.5	—	652.4	—	—	—	—	—	—
February	221.1	305.9	587.2	88.1	—	675.3	—	—	—	—	—	—
March	222.5	307.7	590.1	78.3	—	668.4	—	—	—	—	—	—
April	218.3	305.2	571.1	93.9	—	665.0	—	—	—	—	—	—
May	224.8	313.3	575.0	81.9	—	656.9	—	—	—	—	—	—
June	222.5	315.4	586.0	94.6	—	680.5	—	—	—	—	—	—
July	228.5	325.3	585.1	98.3	—	683.5	—	—	—	—	—	—
August	227.1	323.8	580.9	86.8	—	667.7	—	—	—	—	—	—
September	222.0	319.8	577.6	95.3	—	672.9	—	—	—	—	—	—
October	239.9	343.7	615.0	97.1	—	712.0	—	—	—	—	—	—
November	216.5	313.1	544.9	92.0	—	636.9	—	—	—	—	—	—
December	224.2	324.0	578.5	95.2	—	673.6	—	—	—	—	—	—
1998 Average	222.6	315.4	580.2	90.3	—	670.5	—	—	—	—	—	—
Nevada												
January	W	W	W	W	89.4	571.0	W	W	W	W	—	1,164.8
February	W	W	W	W	90.9	863.6	W	W	W	W	—	966.3
March	W	W	W	W	91.3	925.5	W	W	906.6	W	—	W
April	W	W	W	739.0	W	W	W	W	W	W	—	W
May	206.8	215.6	1,127.7	W	W	1,891.9	—	—	—	—	—	—
June	214.7	222.2	1,149.3	W	W	2,170.7	—	—	—	—	—	—
July	214.0	223.4	W	1,052.7	W	2,390.8	—	—	—	—	—	—
August	196.4	206.3	W	960.1	W	2,310.4	—	—	—	—	—	—
September	W	W	590.6	W	W	1,477.8	W	W	W	W	—	632.3
October	116.2	119.5	NA	657.5	150.4	1,050.9	95.7	98.7	916.8	246.6	—	1,163.4
November	94.8	96.1	89.6	488.5	171.6	749.7	112.2	113.8	1,011.2	267.1	—	1,278.3
December	102.5	104.3	W	W	152.7	711.3	119.2	127.0	W	W	—	1,326.4
1998 Average	146.0	151.2	606.4	W	W	W	57.6	60.6	518.5	W	—	W
Oregon												
January	212.5	214.5	182.1	1,525.7	303.1	2,010.9	282.4	283.7	717.1	555.2	—	1,272.3
February	238.3	240.9	175.8	1,370.7	194.3	1,740.8	310.9	312.8	785.8	616.6	—	1,402.4
March	W	W	W	W	257.8	W	W	W	W	W	—	W
April	W	W	W	W	354.3	W	W	W	W	W	—	W
May	W	W	654.4	W	W	W	W	W	W	W	—	W
June	W	W	W	W	255.4	W	W	W	W	W	—	W
July	W	W	W	W	142.7	W	W	W	W	W	—	W
August	W	W	W	W	420.2	W	W	W	W	W	—	W
September	W	W	W	W	542.9	W	W	W	W	W	—	W
October	461.4	467.4	W	1,838.0	W	2,571.6	142.9	143.2	635.8	149.5	—	785.4
November	270.4	272.3	W	W	W	2,045.7	284.4	285.8	W	W	—	1,490.5
December	261.0	263.3	W	1,215.2	W	1,550.1	316.4	349.1	925.5	560.9	—	1,486.5
1998 Average	384.0	388.0	496.5	1,923.6	276.9	2,696.9	198.2	201.3	561.7	221.2	—	782.9
Washington												
January	W	W	W	W	223.9	3,954.7	W	W	W	W	—	1,366.7
February	W	W	W	W	536.6	4,690.2	W	W	W	W	—	1,382.9
March	W	W	1,519.7	W	W	5,462.9	W	W	W	W	—	1,052.1
April	W	W	W	3,403.9	W	W	W	W	W	W	—	W
May	W	W	W	W	532.3	W	W	W	W	W	—	W
June	W	W	W	W	499.3	W	W	W	W	W	—	W
July	W	W	W	W	536.2	W	W	W	W	W	—	W
August	W	W	W	W	478.5	W	W	W	W	W	—	W
September	W	W	W	W	454.7	5,565.0	W	W	W	W	—	1,207.0
October	W	W	W	W	NA	5,438.4	W	W	W	W	—	887.6
November	W	W	W	W	272.2	5,152.1	W	W	W	W	—	885.3
December	W	W	2,125.6	W	W	4,959.3	W	W	W	W	—	922.0
1998 Average	W	W	W	W	425.9	5,389.2	W	W	W	W	—	1,055.2

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
Hawaii												
January	-	-	-	-	-	-	203.5	286.2	569.9	82.5	-	652.4
February	-	-	-	-	-	-	221.1	305.9	587.2	88.1	-	675.3
March	-	-	-	-	-	-	222.5	307.7	590.1	78.3	-	668.4
April	-	-	-	-	-	-	218.3	305.2	571.1	93.9	-	665.0
May	-	-	-	-	-	-	224.8	313.3	575.0	81.9	-	656.9
June	-	-	-	-	-	-	222.5	315.4	586.0	94.6	-	680.5
July	-	-	-	-	-	-	228.5	325.3	585.1	98.3	-	683.5
August	-	-	-	-	-	-	227.1	323.8	580.9	86.8	-	667.7
September	-	-	-	-	-	-	222.0	319.8	577.6	95.3	-	672.9
October	-	-	-	-	-	-	239.9	343.7	615.0	97.1	-	712.0
November	-	-	-	-	-	-	216.5	313.1	544.9	92.0	-	636.9
December	-	-	-	-	-	-	224.2	324.0	578.5	95.2	-	673.6
1998 Average	-	-	-	-	-	-	222.6	315.4	580.2	90.3	-	670.5
Nevada												
January	-	-	-	-	-	-	170.3	178.1	1,053.3	593.2	89.4	1,735.8
February	-	-	-	-	-	-	184.7	192.7	1,084.4	654.6	90.9	1,829.9
March	-	-	W	-	-	W	208.9	217.1	1,154.4	703.7	91.3	1,949.4
April	-	-	-	-	-	-	190.7	201.4	1,067.8	W	W	1,869.3
May	-	-	-	-	-	-	206.8	215.6	1,127.7	W	W	1,891.9
June	-	-	-	-	-	-	214.7	222.2	1,149.3	W	W	2,170.7
July	-	-	-	-	-	-	214.0	223.4	W	1,052.7	W	2,390.8
August	-	-	-	-	-	-	196.4	206.3	W	960.1	W	2,310.4
September	-	-	-	-	-	-	214.8	223.7	W	838.0	W	2,110.1
October	-	-	-	-	-	-	211.9	218.2	1,159.7	904.1	150.4	2,214.3
November	-	-	-	-	-	-	207.1	209.9	1,100.8	755.6	171.6	2,028.0
December	-	-	-	-	-	-	221.7	231.4	1,148.6	736.4	152.7	2,037.6
1998 Average	-	-	W	-	-	W	203.6	211.8	W	806.9	W	2,046.6
Oregon												
January	-	-	-	-	-	-	494.8	498.2	899.2	2,080.9	303.1	3,283.2
February	-	-	-	-	-	-	549.1	553.7	961.6	1,987.4	194.3	3,143.2
March	-	-	-	-	-	-	612.1	613.6	1,028.1	2,176.0	257.8	3,461.9
April	-	-	-	-	-	-	605.9	610.5	1,035.2	2,127.5	354.3	3,517.0
May	-	-	-	-	-	-	592.5	596.0	W	2,022.2	W	3,189.9
June	-	-	-	-	-	-	605.5	609.6	1,068.1	2,325.3	255.4	3,648.8
July	-	-	-	-	-	-	606.5	611.5	1,104.3	2,456.5	142.7	3,703.5
August	-	-	-	-	-	-	574.7	579.1	1,117.2	2,455.1	420.2	3,992.5
September	-	-	-	-	-	-	606.3	616.2	1,096.0	2,238.1	542.9	3,877.0
October	-	-	-	-	-	-	604.3	610.5	W	1,987.6	W	3,357.0
November	-	-	-	-	-	-	554.8	558.1	1,077.0	W	W	3,536.2
December	-	-	-	-	-	-	577.3	612.3	W	1,776.1	W	3,036.5
1998 Average	-	-	-	-	-	-	582.1	589.3	1,058.2	2,144.8	276.9	3,479.8
Washington												
January	-	-	-	-	-	-	1,327.5	1,332.4	2,208.4	2,889.1	223.9	5,321.4
February	-	-	-	-	-	-	1,521.2	1,524.9	2,322.0	3,214.5	536.6	6,073.0
March	-	-	-	-	-	-	1,631.3	1,635.7	W	3,374.5	W	6,515.0
April	-	-	-	-	-	-	1,620.7	1,624.9	2,502.6	W	W	6,547.8
May	-	-	-	-	-	-	1,590.1	1,593.6	2,587.1	3,523.2	532.3	6,642.6
June	-	-	-	-	-	-	1,586.8	1,592.9	2,665.5	3,768.8	499.3	6,933.6
July	-	-	-	-	-	-	1,574.0	1,578.0	2,667.8	4,014.2	536.2	7,218.2
August	-	-	-	-	-	-	1,604.2	1,608.7	2,690.8	3,875.1	478.5	7,044.5
September	-	-	-	-	-	-	1,680.2	1,683.8	2,630.5	3,686.8	454.7	6,772.1
October	-	-	-	-	-	-	1,572.5	1,576.5	2,834.1	3,269.9	NA	6,326.0
November	-	-	-	-	-	-	1,479.0	1,482.2	2,511.2	3,254.0	272.2	6,037.4
December	-	-	-	-	-	-	1,556.8	1,564.0	W	3,138.4	W	5,881.3
1998 Average	-	-	-	-	-	-	1,562.0	1,566.5	2,564.6	3,453.9	425.9	6,444.4

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Note: 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 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										
January	118.5	385.5	47,187.8	11,484.4	323.4	4,406.3	661.7	3,139.3	4,562.1	38,812.6
February	130.0	502.6	47,884.7	11,440.1	306.7	3,893.8	587.5	1,701.2	4,885.9	38,366.5
March	146.1	614.9	47,658.3	12,534.7	293.1	2,924.7	400.3	1,088.4	4,074.2	33,742.6
April	172.5	638.7	48,146.3	11,792.9	223.7	1,626.5	268.0	262.3	2,977.3	27,876.5
May	175.2	686.5	48,866.7	10,287.8	105.4	1,031.5	NA	220.2	2,302.5	23,743.7
June	180.0	702.2	50,691.1	12,016.7	346.3	1,259.6	NA	242.8	2,202.8	27,900.7
July	183.1	854.7	51,544.8	12,110.2	293.5	1,086.2	NA	328.1	1,929.9	26,611.4
August	168.1	706.6	51,503.9	12,333.6	602.3	917.1	NA	448.3	2,364.5	27,735.4
September	165.3	684.3	48,016.5	10,740.6	401.5	1,355.4	NA	916.5	2,292.6	31,825.7
October	157.2	670.9	50,568.0	13,242.9	309.1	2,219.0	404.8	1,382.5	2,684.7	37,696.4
November	125.9	417.8	44,305.8	14,643.1	737.3	2,592.7	477.7	2,723.3	2,710.0	34,163.3
December	124.9	481.8	50,441.8	13,391.2	695.1	3,239.3	660.4	4,012.5	4,446.0	43,988.7
1998 Average	154.0	613.1	48,921.8	12,172.7	386.6	2,204.4	407.1	1,373.1	3,111.1	32,683.6
PAD District I										
January	48.5	92.9	13,156.5	2,264.2	160.7	2,282.7	W	48.2	134.5	5,492.8
February	55.9	108.8	13,753.8	2,289.2	147.5	2,338.5	W	47.8	79.0	5,737.9
March	60.0	133.1	13,033.6	2,167.5	106.4	1,702.1	W	29.2	77.8	5,306.8
April	70.5	133.4	13,619.9	2,183.1	97.9	671.0	1.6	6.9	61.6	3,427.6
May	62.5	121.2	12,477.8	2,063.5	W	551.7	W	4.3	39.1	3,180.6
June	66.8	132.1	13,343.1	2,610.8	W	523.8	W	1.9	37.1	3,236.8
July	69.6	153.1	12,713.3	2,353.5	178.8	438.0	W	W	40.3	3,461.3
August	61.7	134.9	12,505.8	2,408.5	145.9	327.9	3.6	W	37.8	3,901.7
September	61.9	132.4	11,936.8	2,286.8	96.9	476.7	2.5	W	48.5	4,531.3
October	59.5	144.9	12,196.4	2,997.8	107.1	1,034.8	W	82.0	66.7	4,565.9
November	52.3	100.6	11,316.2	3,172.5	91.1	1,119.4	W	137.9	62.7	4,676.4
December	49.0	133.1	12,615.9	3,119.6	181.2	1,844.4	W	215.1	72.3	5,802.5
1998 Average	59.8	126.9	12,715.8	2,494.0	122.0	1,103.7	8.5	54.6	63.1	4,438.0
Subdistrict IA										
January	W	W	866.9	142.9	8.6	248.0	7.4	7.7	W	147.5
February	W	W	946.6	129.9	9.6	386.6	W	8.9	W	157.0
March	W	W	935.3	139.8	4.8	74.1	W	4.5	W	156.5
April	W	13.5	950.8	100.6	1.5	21.7	—	W	W	93.6
May	W	W	930.3	83.3	0.7	6.5	—	W	W	60.4
June	W	13.2	1,034.3	438.1	1.7	12.9	W	W	W	94.1
July	W	19.5	1,033.3	295.6	W	4.7	—	W	W	48.0
August	W	NA	1,130.5	129.7	W	2.9	—	W	NA	49.5
September	W	14.3	892.6	116.2	0.7	13.4	W	W	W	47.6
October	W	18.1	1,057.9	174.6	0.2	35.3	—	2.5	W	65.5
November	W	W	963.5	80.4	W	59.8	1.4	3.8	W	34.2
December	W	W	1,192.2	118.5	W	98.7	5.3	4.9	W	41.5
1998 Average	W	13.1	995.3	162.5	2.6	78.4	2.6	3.1	W	82.5
Connecticut										
January	W	W	233.1	W	W	W	W	3.9	W	19.8
February	W	W	196.5	W	W	66.8	W	4.6	W	15.3
March	W	W	210.6	W	W	W	W	2.0	W	20.3
April	W	W	190.8	6.6	W	W	—	0.5	W	20.8
May	W	W	165.6	11.6	W	W	—	W	W	13.1
June	W	1.7	247.2	22.1	—	W	—	W	W	W
July	W	2.0	180.8	17.1	—	W	—	—	W	13.8
August	W	2.5	NA	NA	—	W	—	W	—	14.9
September	W	2.5	156.3	22.2	W	W	—	W	W	22.0
October	W	2.4	NA	NA	—	W	—	W	W	W
November	W	W	W	W	W	W	W	W	W	W
December	W	W	270.3	34.7	W	W	W	W	W	W
1998 Average	W	1.8	190.4	17.5	W	W	W	1.1	W	20.4

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene		No. 1 Distillate		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Maine										
January	W	—	W	W	—	42.0	—	0.7	—	W
February	W	W	W	W	W	257.2	—	W	—	W
March	W	—	W	W	—	22.1	—	W	—	W
April	W	W	W	W	—	6.0	—	W	—	6.9
May	W	W	W	W	—	W	—	—	—	W
June	W	W	W	5.4	—	2.9	—	W	—	W
July	W	W	W	W	—	W	—	W	—	W
August	W	—	W	W	—	W	—	W	—	W
September	W	W	W	W	—	W	—	W	—	—
October	W	W	W	W	—	17.3	—	W	—	W
November	W	—	W	W	—	21.0	—	W	—	—
December	W	W	W	W	—	NA	—	W	—	W
1998 Average	W	W	W	33.9	W	31.6	—	0.4	—	W
Massachusetts										
January	W	W	559.0	50.6	6.0	W	W	W	—	W
February	W	W	667.9	52.6	6.6	W	W	W	—	21.3
March	W	W	645.6	63.6	1.7	W	W	W	—	12.9
April	W	4.1	670.5	62.9	W	W	—	W	—	7.4
May	W	W	691.2	54.5	W	W	—	W	—	13.5
June	W	W	699.9	403.5	W	W	W	—	—	W
July	W	W	758.9	123.3	—	W	—	—	—	W
August	W	W	852.0	90.9	—	W	—	—	—	3.3
September	W	W	645.8	82.8	—	W	—	—	—	W
October	W	W	771.0	137.7	W	W	—	W	—	W
November	W	W	822.9	62.3	W	W	W	W	—	W
December	W	W	821.6	73.5	W	W	W	W	—	W
1998 Average	W	W	717.7	104.8	1.4	23.3	W	0.6	—	8.7
New Hampshire										
January	—	W	15.1	W	W	W	W	W	—	94.6
February	W	W	14.5	2.3	W	W	W	W	—	103.2
March	W	W	14.8	W	W	W	W	—	W	101.1
April	W	W	17.0	2.5	W	W	—	—	W	53.8
May	W	W	15.5	W	W	—	—	—	W	W
June	W	W	21.2	W	W	—	—	—	W	33.2
July	W	W	22.4	W	W	W	—	—	NA	21.1
August	W	W	20.8	W	W	W	—	—	NA	24.5
September	W	W	17.1	W	W	W	W	—	NA	18.3
October	W	W	24.0	W	W	W	—	—	NA	14.5
November	W	W	W	W	W	W	—	W	NA	10.7
December	W	W	W	W	W	W	W	W	NA	19.8
1998 Average	W	W	19.0	W	W	W	W	W	W	42.7
Rhode Island										
January	—	W	W	W	—	W	W	W	—	—
February	W	W	W	W	—	W	W	W	—	—
March	W	W	W	W	—	W	W	W	—	W
April	—	W	W	W	—	W	—	W	—	—
May	W	W	W	W	—	W	—	W	—	W
June	W	W	W	W	—	W	—	W	—	—
July	W	W	W	W	—	W	—	W	—	—
August	W	NA	W	W	—	W	—	—	—	—
September	W	W	W	W	—	W	—	W	—	—
October	W	NA	W	W	—	W	—	W	—	—
November	W	—	W	W	—	W	W	W	—	—
December	W	W	W	W	W	W	W	W	—	—
1998 Average	W	W	W	W	W	W	W	W	—	W

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
Vermont										
January	—	W	W	2.9	—	W	W	W	—	12.7
February	—	W	W	3.0	—	W	W	W	—	W
March	—	W	W	W	W	W	W	W	W	10.2
April	—	W	W	W	W	W	—	—	W	4.5
May	—	W	W	W	W	—	—	—	W	5.0
June	—	W	W	W	W	W	—	W	W	5.9
July	—	W	W	W	0.2	—	—	W	NA	4.0
August	—	W	W	W	0.2	—	—	—	NA	W
September	—	W	W	W	NA	—	—	W	NA	W
October	—	W	W	W	NA	—	—	W	NA	W
November	—	W	W	W	NA	—	W	W	NA	W
December	—	W	W	W	—	—	—	W	NA	W
1998 Average	—	W	2.6	W	W	W	W	W	W	5.6
Subdistrict IB										
January	W	W	6,393.1	1,162.8	125.5	941.5	15.0	37.2	W	1,952.8
February	W	W	7,037.1	1,167.3	109.4	1,014.4	13.2	37.3	W	2,106.7
March	W	W	6,092.3	1,189.0	83.9	956.6	4.1	23.4	W	1,924.2
April	W	27.4	6,581.2	1,282.8	91.6	521.9	W	4.9	W	1,651.4
May	W	W	6,262.6	1,165.0	W	469.6	1.9	3.3	W	1,336.8
June	W	33.9	6,710.5	1,405.3	W	416.6	2.0	0.9	W	1,324.1
July	W	44.6	6,390.1	1,234.8	174.3	391.2	1.8	2.2	W	1,337.6
August	W	36.7	6,387.6	1,372.5	141.2	255.5	W	2.8	3.0	1,367.5
September	W	36.2	6,227.5	1,393.3	91.5	327.4	W	4.5	W	1,563.2
October	W	36.2	5,616.9	1,923.4	99.7	693.1	3.9	11.5	W	1,705.1
November	W	W	4,952.5	2,156.6	80.3	765.5	2.6	41.6	W	2,086.7
December	W	W	5,751.7	2,160.1	160.8	1,056.6	7.3	80.5	W	2,336.7
1998 Average	W	31.4	6,194.3	1,469.2	108.5	649.4	4.9	20.8	W	1,722.0
Delaware										
January	W	W	1.1	W	W	W	W	—	—	W
February	W	1.1	0.9	W	—	W	—	—	—	W
March	W	1.2	1.0	W	—	W	—	—	—	W
April	W	W	0.8	3.6	—	W	—	—	—	W
May	W	1.3	1.5	4.2	—	W	—	—	—	W
June	W	W	1.1	W	—	—	—	—	—	W
July	W	W	W	W	—	W	—	—	—	W
August	W	W	W	W	—	W	—	—	—	W
September	W	W	W	W	—	W	—	—	—	W
October	W	W	W	NA	—	W	—	—	—	W
November	W	W	W	1.0	W	W	—	—	—	W
December	W	W	W	W	W	W	—	—	—	W
1998 Average	W	1.1	W	W	W	W	W	—	—	W
District of Columbia										
January	—	—	—	W	—	—	—	—	—	—
February	—	—	—	W	—	—	—	—	—	—
March	—	—	—	W	—	—	—	—	—	—
April	—	—	—	W	—	—	—	—	—	—
May	—	—	—	W	—	—	—	—	—	—
June	—	—	—	W	—	—	—	—	—	—
July	—	—	—	W	—	—	—	—	—	—
August	—	—	—	81.1	—	—	—	—	—	—
September	—	—	—	W	—	—	—	—	—	—
October	—	—	—	NA	—	—	—	—	—	—
November	—	—	W	W	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—
1998 Average	—	—	W	W	—	—	—	—	—	—

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
Maryland										
January	W	W	439.3	27.8	W	W	4.9	0.6	—	W
February	W	W	410.8	29.4	W	W	2.3	W	W	W
March	W	W	370.5	12.9	W	W	W	W	—	W
April	W	W	404.9	W	W	90.9	W	—	—	W
May	W	W	363.3	W	—	W	W	W	W	W
June	W	W	330.0	30.0	W	5.1	W	—	W	W
July	W	W	W	15.3	W	W	W	—	—	W
August	W	W	W	W	W	W	W	—	W	W
September	W	W	W	33.4	—	W	W	—	—	W
October	W	W	W	39.4	W	W	W	—	W	W
November	W	W	328.1	77.3	W	W	W	W	W	W
December	W	W	W	85.9	W	W	W	W	—	W
1998 Average	W	0.8	365.9	36.4	W	W	0.9	0.8	W	W
New Jersey										
January	W	W	3,732.3	526.5	26.4	209.5	W	4.8	W	433.8
February	W	W	4,115.2	449.2	22.5	381.5	W	W	W	449.0
March	W	13.7	3,489.0	554.8	W	472.7	W	W	W	450.0
April	W	15.1	3,788.9	636.2	W	286.2	NA	2.5	W	437.4
May	W	13.8	3,514.2	585.2	W	175.7	NA	2.1	W	337.0
June	W	14.7	3,842.9	749.4	W	345.2	NA	W	—	361.5
July	W	20.7	3,301.3	551.5	W	331.6	NA	—	W	332.3
August	W	17.1	3,376.2	715.6	W	189.4	NA	—	W	334.3
September	W	13.7	3,466.2	711.4	W	194.9	W	—	—	377.6
October	W	16.4	2,750.6	1,201.8	W	368.8	NA	W	W	368.4
November	W	W	2,718.4	1,328.1	W	363.0	NA	W	W	553.7
December	W	6.7	2,819.1	1,504.0	W	369.2	W	W	—	579.2
1998 Average	W	13.6	3,403.2	794.9	W	306.8	W	2.2	W	417.4
New York										
January	W	3.7	858.5	314.4	70.1	321.9	W	12.4	W	401.7
February	W	W	975.0	314.1	63.2	274.6	W	13.1	W	326.7
March	W	W	932.5	319.3	59.2	188.2	W	10.1	W	339.0
April	W	W	989.4	252.1	43.7	W	W	0.3	W	255.5
May	W	W	1,099.4	260.2	W	31.0	W	W	W	178.3
June	W	7.5	1,030.0	270.3	W	27.8	W	0.5	W	173.8
July	W	9.6	1,145.1	282.5	W	6.4	W	W	W	182.5
August	W	8.2	1,077.1	276.6	W	9.8	W	0.9	W	216.7
September	W	9.8	1,077.1	314.6	W	21.1	W	2.5	W	262.6
October	W	9.2	1,087.3	283.5	77.8	83.4	W	W	W	224.4
November	W	W	408.7	463.1	64.4	96.0	W	9.7	W	255.1
December	W	W	1,112.5	272.2	62.5	182.1	W	24.2	W	298.5
1998 Average	W	7.9	983.9	301.6	69.3	107.8	W	6.4	W	259.3
Pennsylvania										
January	3.1	4.0	1,362.0	248.0	22.6	335.5	2.5	19.3	W	912.5
February	4.8	5.9	1,535.3	284.6	W	282.0	W	17.4	W	824.4
March	5.8	5.2	1,299.3	260.4	14.3	233.3	W	8.5	W	837.6
April	6.1	6.4	1,397.2	277.9	5.1	84.5	W	2.1	W	734.2
May	6.5	7.6	1,284.2	246.5	1.7	254.6	—	0.3	W	625.0
June	6.3	10.0	1,506.4	258.1	1.8	38.5	—	W	W	559.0
July	7.5	11.5	1,556.2	289.2	1.6	52.2	W	W	W	624.1
August	7.2	8.3	1,616.9	268.6	2.6	52.7	W	1.9	W	615.3
September	5.6	9.8	1,299.1	289.9	3.6	100.6	W	2.1	W	674.8
October	5.0	8.9	1,436.5	308.8	4.3	199.2	W	9.1	W	755.3
November	W	W	1,462.1	W	7.0	274.2	W	27.6	W	902.8
December	W	12.5	1,502.1	W	11.9	433.5	W	47.5	W	1,083.8
1998 Average	5.4	8.0	1,437.5	274.2	7.8	195.1	0.9	11.5	W	762.4

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene		No. 1 Distillate		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Subdistrict IC										
January	35.3	69.5	5,896.6	958.5	26.6	1,093.3	W	3.3	131.9	3,392.4
February	38.4	72.8	5,770.1	992.0	28.5	937.5	4.6	1.6	75.3	3,474.2
March	40.6	83.0	6,006.1	838.8	17.7	671.4	0.6	1.4	66.8	3,226.0
April	47.4	92.4	6,087.9	799.7	4.8	127.4	W	W	54.1	1,682.6
May	40.2	78.0	5,284.9	815.3	2.9	75.6	W	W	33.3	1,783.4
June	42.2	85.0	5,598.4	767.3	2.5	94.3	W	W	31.9	1,818.6
July	38.8	89.0	5,290.0	823.1	W	42.1	W	13.4	36.2	2,075.6
August	33.5	82.0	4,987.7	906.4	W	69.4	W	21.4	33.3	2,484.7
September	36.9	81.9	4,816.7	777.3	4.7	135.9	—	32.6	42.7	2,920.5
October	36.5	90.5	5,521.5	899.9	7.2	306.5	W	67.9	58.3	2,795.3
November	32.8	71.5	5,400.1	935.6	W	294.1	W	92.5	53.4	2,555.4
December	32.6	92.1	5,672.0	841.1	W	689.2	W	129.6	60.2	3,424.3
1998 Average	37.9	82.4	5,526.2	862.3	10.9	375.8	1.0	30.7	56.4	2,633.5
Florida										
January	22.3	37.7	3,116.9	276.9	4.2	54.3	—	—	W	817.7
February	23.9	40.3	2,905.4	344.9	5.4	57.7	—	—	W	895.8
March	25.3	45.4	3,283.2	275.8	4.2	40.7	—	—	W	775.2
April	29.2	45.1	3,208.6	240.9	W	12.2	—	—	W	590.4
May	24.8	40.3	2,526.3	212.5	W	13.6	—	—	W	474.3
June	24.3	42.9	2,623.3	209.3	W	12.3	—	—	W	438.1
July	22.9	38.1	2,562.3	244.9	W	11.1	—	—	W	494.0
August	17.9	35.6	2,243.7	317.1	W	10.9	—	—	W	505.2
September	20.9	31.0	2,075.6	183.9	W	41.3	—	—	W	476.4
October	22.6	41.9	2,405.2	200.6	W	41.1	—	—	W	567.3
November	22.2	39.1	2,343.9	200.8	W	29.8	—	—	W	583.6
December	20.2	50.1	2,790.5	267.8	3.3	32.8	—	W	W	722.9
1998 Average	23.0	40.6	2,673.1	247.6	3.0	29.6	—	W	W	610.4
Georgia										
January	3.7	12.2	1,152.3	387.9	7.9	67.2	—	—	5.2	514.7
February	4.2	13.7	1,264.0	346.6	8.5	56.5	—	—	W	510.9
March	3.5	15.5	1,080.0	318.0	4.5	40.5	—	—	W	579.4
April	5.0	18.1	1,215.1	320.3	0.6	5.4	—	—	W	299.0
May	3.3	13.4	1,217.7	316.9	W	W	—	—	W	556.7
June	4.8	19.2	1,308.3	297.9	W	W	—	W	W	281.2
July	3.6	19.5	1,116.3	356.0	W	W	—	W	W	356.5
August	W	18.8	1,151.0	346.4	W	W	—	W	W	437.4
September	3.1	20.3	1,141.2	325.2	0.2	W	—	W	W	576.4
October	3.6	20.6	1,403.4	380.6	0.7	28.0	—	W	W	522.2
November	2.7	10.2	1,479.7	379.8	1.4	22.4	—	W	W	482.2
December	W	17.9	1,228.4	289.5	3.6	49.6	—	W	W	661.7
1998 Average	3.6	16.6	1,228.9	338.8	2.3	24.1	—	W	1.8	482.1
North Carolina										
January	W	13.0	579.4	139.2	3.0	460.2	W	W	60.1	1,008.0
February	W	13.7	517.1	139.6	4.1	367.1	W	W	W	981.2
March	W	14.2	548.8	116.6	1.6	257.0	—	W	W	834.7
April	W	19.0	548.2	99.2	0.6	43.1	—	—	W	357.2
May	W	13.5	554.9	151.3	W	25.8	—	—	W	357.2
June	W	12.9	611.8	125.9	W	42.0	—	—	W	620.6
July	W	15.0	532.9	98.1	W	11.8	—	W	W	735.5
August	W	15.2	568.0	108.8	W	17.3	W	W	W	867.6
September	W	18.2	645.7	125.2	W	34.0	—	W	18.6	992.1
October	W	20.1	644.5	137.8	1.7	39.5	—	W	27.6	847.0
November	W	W	590.0	191.6	1.0	82.6	—	W	18.6	803.5
December	W	14.7	594.2	131.4	4.3	228.2	—	W	22.2	962.4
1998 Average	W	15.2	578.2	130.3	1.4	133.0	W	W	21.1	779.9

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene		No. 1 Distillate		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
South Carolina										
January	2.2	4.7	W	61.0	4.2	204.2	—	W	W	520.5
February	3.3	W	W	70.4	3.8	191.9	—	W	—	531.9
March	W	5.5	W	45.0	3.0	135.5	—	W	W	620.1
April	W	5.2	W	51.9	1.3	19.5	—	—	W	203.8
May	2.3	4.7	W	W	W	13.4	W	—	—	191.9
June	W	5.1	W	W	0.5	17.5	W	—	W	284.7
July	W	5.9	W	W	0.2	4.2	—	W	W	287.9
August	W	W	W	W	0.3	6.0	—	W	W	366.3
September	W	4.8	W	W	0.3	15.5	—	W	—	W
October	W	4.3	W	W	0.5	95.5	—	W	W	W
November	3.0	W	W	W	1.4	53.2	—	W	W	322.1
December	2.2	4.4	W	W	2.7	159.4	—	W	W	514.9
1998 Average	2.6	4.8	W	48.5	1.6	75.9	W	W	W	377.8
Virginia										
January	W	W	962.4	89.2	1.8	280.9	3.1	1.6	27.5	W
February	W	W	989.5	84.5	2.3	242.2	3.2	0.8	W	437.9
March	W	W	982.2	76.7	0.8	183.5	W	W	W	321.3
April	W	3.9	996.2	80.5	W	43.8	W	W	W	188.6
May	4.3	4.7	880.9	79.8	W	17.7	—	W	W	186.7
June	W	W	931.4	85.0	W	17.3	—	—	W	W
July	W	6.9	956.2	83.5	W	11.5	—	5.7	W	W
August	W	5.9	908.3	91.8	W	30.8	—	12.7	W	W
September	W	5.3	841.9	102.6	W	38.8	—	14.2	W	484.9
October	W	W	947.8	131.2	W	101.0	—	22.5	W	494.3
November	W	W	891.3	120.3	W	103.4	W	35.0	W	W
December	W	3.0	923.8	92.8	W	215.2	0.5	37.7	W	W
1998 Average	W	3.6	934.1	93.2	0.8	106.7	0.6	11.1	7.4	328.1
West Virginia										
January	W	W	W	4.5	5.5	26.5	W	W	W	W
February	W	W	W	6.0	4.4	22.2	W	W	W	116.5
March	W	W	W	6.6	3.5	14.2	W	W	W	95.3
April	W	1.1	W	6.8	0.7	3.4	—	W	W	43.7
May	W	1.3	W	W	0.5	W	—	—	W	16.6
June	W	W	W	W	0.4	W	—	—	W	W
July	W	3.5	W	W	W	W	W	—	W	W
August	W	W	W	W	W	W	—	—	—	W
September	W	2.3	W	W	W	W	—	—	—	W
October	W	W	W	W	W	1.4	W	—	—	W
November	W	W	W	W	1.9	2.7	W	W	—	W
December	W	1.9	W	W	2.8	4.0	W	W	—	W
1998 Average	W	1.5	W	4.0	1.8	6.4	0.3	W	W	55.3
PAD District II										
January	22.5	115.0	7,882.7	1,192.0	156.3	1,146.6	349.5	2,253.5	1,387.4	14,058.2
February	26.0	143.6	8,103.8	1,459.4	155.0	808.0	289.7	1,142.7	1,163.0	12,126.0
March	26.8	135.1	8,632.5	1,264.5	182.5	605.0	192.3	711.2	1,045.5	11,076.7
April	31.3	202.4	8,354.9	1,194.2	122.9	143.9	NA	139.2	630.7	8,241.6
May	30.7	208.5	8,956.2	1,124.0	61.6	91.4	NA	99.4	309.6	5,900.7
June	31.7	201.4	9,403.3	1,238.2	W	134.9	NA	122.7	322.5	6,800.0
July	35.3	241.0	8,722.5	1,336.2	111.6	82.8	NA	186.0	352.3	7,496.0
August	34.1	181.0	8,779.5	1,545.1	59.6	89.5	NA	212.8	395.8	8,379.8
September	32.0	163.8	7,842.0	1,250.2	W	209.6	NA	529.4	560.4	10,482.0
October	32.4	196.8	9,055.4	1,205.9	64.3	277.5	207.0	882.5	888.4	13,571.4
November	26.3	122.8	9,071.0	1,237.7	128.3	397.6	222.6	1,974.1	845.0	11,422.9
December	24.0	140.1	9,230.6	1,271.9	143.9	654.5	353.5	2,840.8	1,080.6	15,344.3
1998 Average	29.4	171.2	8,674.2	1,275.6	125.4	385.1	W	925.3	746.8	10,407.0

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
Illinois										
January	W	W	1,773.0	58.9	W	136.1	W	257.0	W	1,452.2
February	W	W	1,826.4	139.9	W	44.8	W	134.3	W	1,288.7
March	W	W	1,860.9	65.0	W	44.6	W	63.7	W	1,277.2
April	W	W	1,964.9	65.5	W	9.5	W	19.3	W	874.1
May	W	W	1,740.3	63.7	W	15.8	NA	19.0	W	643.5
June	W	W	2,141.4	66.4	W	21.6	W	17.2	W	640.1
July	W	14.6	2,165.4	72.7	W	18.9	W	15.7	W	944.8
August	W	W	1,917.9	75.9	W	14.1	W	15.5	W	975.1
September	W	14.9	2,048.5	114.9	W	W	W	31.2	W	1,305.9
October	W	12.3	2,111.2	90.2	W	41.8	W	47.6	W	1,225.0
November	W	W	2,075.2	63.7	W	44.8	W	144.9	W	1,130.4
December	W	W	2,245.3	74.3	W	93.2	W	321.6	W	1,341.1
1998 Average	W	10.8	1,989.8	78.8	2.2	46.7	W	90.6	W	1,091.0
Indiana										
January	W	8.9	922.1	109.0	W	120.3	24.8	112.8	W	762.1
February	W	12.8	782.4	97.1	W	59.9	21.6	65.4	W	655.6
March	W	8.5	1,111.6	117.5	W	62.9	5.3	29.6	W	552.3
April	W	10.5	989.8	NA	W	6.7	W	W	W	384.3
May	W	10.2	1,114.4	82.1	W	6.9	NA	W	W	191.5
June	W	14.6	1,084.7	NA	W	17.0	NA	NA	W	260.4
July	W	12.5	963.1	115.7	W	4.5	NA	6.7	W	384.5
August	W	12.0	1,007.5	NA	W	13.3	W	8.6	W	370.3
September	W	9.8	795.1	NA	W	9.9	NA	17.2	W	511.9
October	W	10.6	906.2	145.5	W	19.2	NA	31.0	W	567.8
November	W	W	1,117.0	86.3	W	33.8	W	88.6	W	472.1
December	W	5.9	1,103.6	111.0	W	72.7	NA	163.5	W	659.5
1998 Average	W	10.2	993.1	101.0	2.6	35.6	9.2	44.5	W	480.4
Iowa										
January	W	7.1	81.1	22.5	—	1.7	11.2	235.1	W	752.4
February	W	8.2	94.9	27.1	—	W	8.1	99.1	W	527.1
March	W	10.5	96.4	23.1	—	0.7	3.9	70.9	W	584.6
April	W	NA	NA	23.4	—	W	NA	10.4	W	378.5
May	W	13.5	NA	28.0	—	—	NA	7.0	W	283.4
June	W	NA	NA	32.0	—	W	NA	11.5	W	240.5
July	W	23.7	94.0	32.0	—	—	NA	10.6	W	488.9
August	W	17.7	NA	29.3	—	—	NA	18.9	W	359.7
September	W	17.6	NA	28.1	—	W	NA	58.0	W	670.1
October	W	22.7	NA	25.3	—	W	NA	61.2	W	1,281.7
November	W	W	NA	23.6	—	2.2	NA	199.5	W	722.1
December	W	W	NA	30.4	—	W	W	284.5	W	1,674.8
1998 Average	W	13.1	93.2	27.1	—	0.7	NA	89.0	52.6	666.5
Kansas										
January	W	W	138.0	33.0	—	8.3	10.3	180.7	W	3,230.8
February	W	9.4	W	31.4	—	3.5	8.3	117.3	W	3,009.1
March	W	9.0	138.0	31.0	—	5.3	2.3	85.2	W	2,497.9
April	W	W	162.0	24.0	—	W	NA	9.1	W	2,859.5
May	W	11.4	300.3	25.5	—	W	NA	10.5	W	2,386.3
June	W	9.7	375.7	21.8	—	W	NA	14.8	W	3,024.1
July	W	W	W	23.0	—	W	NA	50.8	W	2,535.1
August	W	W	156.0	20.0	—	3.0	NA	15.7	W	3,146.4
September	W	W	122.8	18.5	—	3.3	W	120.5	W	3,319.7
October	W	W	197.5	20.5	—	W	W	125.0	W	4,059.3
November	W	W	146.0	20.6	—	6.1	3.8	240.8	W	3,891.5
December	W	9.2	166.5	24.5	—	9.4	6.9	282.1	W	4,961.3
1998 Average	W	10.2	189.9	24.5	—	3.8	3.4	104.4	W	3,245.0

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
Kentucky										
January	0.6	W	308.2	111.7	4.2	123.6	5.6	W	W	646.5
February	W	W	331.0	82.1	4.3	113.0	W	W	W	690.9
March	0.5	W	430.6	20.8	3.1	64.5	W	9.3	W	518.5
April	1.1	W	395.9	21.8	0.9	12.2	W	W	W	414.2
May	1.1	W	751.5	33.9	0.2	6.3	—	W	W	332.8
June	W	W	694.2	39.9	0.2	8.4	—	W	W	440.0
July	W	W	491.6	30.6	0.2	6.0	—	W	W	506.2
August	W	W	583.8	30.0	0.2	7.2	—	W	W	474.4
September	W	W	529.6	32.5	0.3	15.3	—	W	W	461.2
October	W	W	675.2	29.6	0.2	W	—	W	W	369.1
November	1.2	W	682.3	29.8	W	47.1	W	W	W	412.5
December	W	1.9	664.3	44.1	W	W	W	W	W	677.2
1998 Average	1.0	2.3	546.3	42.0	1.8	43.3	0.9	W	W	494.4
Michigan										
January	0.6	13.2	823.0	96.1	6.5	151.2	40.3	85.1	W	1,146.9
February	W	27.3	826.6	113.5	4.7	137.7	43.6	64.5	W	894.3
March	W	26.8	967.1	131.8	4.9	88.3	W	44.9	W	1,006.7
April	W	NA	796.0	119.7	2.9	NA	W	16.3	W	911.2
May	0.9	NA	893.1	98.5	4.8	NA	W	12.1	W	585.0
June	W	NA	875.6	154.5	NA	NA	W	12.0	W	579.9
July	W	NA	736.9	113.7	3.1	NA	W	14.8	W	662.5
August	1.3	W	682.8	156.7	0.3	W	W	18.3	W	536.4
September	W	5.4	624.4	126.8	1.6	18.8	W	25.0	W	915.1
October	0.7	W	NA	120.0	NA	21.0	NA	39.4	W	1,433.8
November	W	W	672.9	162.7	W	68.4	W	60.5	W	W
December	0.5	32.1	NA	131.5	W	85.9	W	106.4	W	806.1
1998 Average	0.7	24.3	766.9	127.1	3.5	56.2	W	41.6	W	859.3
Minnesota										
January	W	W	1,063.1	111.7	W	37.1	78.5	390.5	230.7	1,117.5
February	W	W	1,044.7	111.8	W	W	55.5	167.7	189.1	758.4
March	W	W	1,012.0	132.1	W	W	37.0	99.1	152.7	746.6
April	W	29.6	1,018.7	127.4	W	W	W	17.4	91.4	417.1
May	W	NA	997.7	NA	W	1.5	W	9.1	42.7	229.7
June	W	W	998.8	116.8	W	W	W	11.6	48.3	315.6
July	W	W	1,012.7	127.9	W	W	W	20.6	52.5	373.9
August	W	W	1,167.8	140.5	W	3.2	W	29.2	61.6	440.8
September	W	W	624.5	132.8	W	W	W	54.6	106.8	668.1
October	W	35.8	1,034.8	110.3	W	W	W	101.9	172.6	1,164.1
November	W	W	1,056.4	104.8	W	W	42.5	286.9	157.4	794.3
December	W	W	1,074.9	122.6	W	W	58.5	395.4	186.8	968.1
1998 Average	W	14.5	1,009.5	121.7	W	9.3	44.8	132.1	124.1	666.7
Missouri										
January	W	W	280.4	44.4	W	12.6	W	54.8	W	1,187.9
February	W	W	404.5	68.7	—	4.6	W	31.3	W	799.5
March	W	7.6	354.0	62.8	—	6.7	W	12.7	W	875.5
April	W	W	335.1	61.3	—	W	NA	4.5	W	370.2
May	W	10.5	344.7	59.0	—	W	NA	W	W	199.9
June	W	W	377.0	70.7	—	W	NA	4.4	W	191.5
July	W	12.6	349.8	65.3	—	W	NA	6.3	W	233.2
August	W	W	363.8	59.6	—	1.0	NA	5.8	W	458.8
September	W	12.7	367.8	67.2	—	W	NA	8.5	W	651.4
October	W	12.8	418.6	65.6	—	2.9	NA	12.7	W	635.2
November	W	10.6	394.5	56.9	—	4.8	W	37.1	W	631.9
December	W	10.7	380.7	70.3	W	9.4	NA	74.4	W	1,144.6
1998 Average	W	10.8	363.9	62.6	W	3.8	W	21.2	W	615.1

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										
January	W	W	93.0	17.6	—	0.8	3.4	121.7	—	305.4
February	W	W	94.6	19.3	—	0.3	2.7	53.6	—	230.7
March	W	W	91.3	16.2	—	0.7	1.9	45.6	—	288.0
April	W	W	89.6	18.4	—	—	NA	4.5	—	98.8
May	W	W	91.4	18.1	—	—	NA	3.3	—	66.7
June	W	W	104.2	20.2	—	W	NA	4.5	—	120.5
July	W	W	94.5	18.4	—	—	NA	NA	—	273.3
August	W	W	94.5	17.6	—	—	NA	10.2	—	180.3
September	W	W	94.0	19.8	—	—	W	44.8	—	240.0
October	W	W	91.8	17.4	—	—	NA	54.9	W	265.5
November	W	W	89.8	W	—	W	W	159.0	W	W
December	W	W	97.3	11.1	—	0.5	W	260.4	W	327.7
1998 Average	W	W	93.8	17.3	—	0.2	NA	64.1	W	217.4
North Dakota										
January	W	W	16.7	5.6	—	W	10.5	162.6	W	293.0
February	W	W	W	7.3	—	W	5.5	48.9	W	164.1
March	W	W	14.4	7.6	—	W	3.5	51.8	W	203.3
April	W	W	14.1	8.2	—	W	W	6.1	W	73.5
May	W	W	13.7	NA	—	—	NA	4.0	W	49.5
June	W	W	14.9	6.5	—	—	NA	6.0	W	88.2
July	W	W	W	7.4	—	—	NA	7.3	W	134.0
August	W	W	NA	NA	—	—	NA	10.7	W	162.2
September	W	W	12.1	8.4	—	W	NA	26.7	W	152.3
October	W	W	NA	NA	—	W	NA	62.4	W	202.6
November	W	W	NA	W	—	W	W	149.5	W	208.1
December	W	W	13.7	NA	—	W	NA	159.6	W	263.5
1998 Average	W	W	13.8	6.8	—	0.2	NA	58.2	6.6	166.6
Ohio										
January	8.6	22.6	1,059.2	249.9	26.1	288.3	16.8	53.7	W	879.8
February	8.0	27.8	1,148.4	244.5	21.2	194.1	18.2	46.5	W	1,335.8
March	W	25.5	1,148.7	174.4	15.4	164.0	9.3	22.8	W	921.3
April	W	37.2	1,144.3	319.8	9.8	38.7	W	7.2	W	655.7
May	W	31.1	1,243.7	193.1	4.2	25.4	NA	7.6	W	364.3
June	9.9	37.2	1,187.2	207.9	W	35.7	W	W	W	312.6
July	W	39.4	1,203.5	296.9	4.2	24.1	W	13.5	W	210.3
August	10.4	42.6	1,174.9	353.9	W	23.3	W	21.6	W	274.8
September	10.9	33.1	1,158.7	190.7	W	44.1	W	27.8	W	535.1
October	10.3	34.4	1,112.0	207.7	7.1	68.3	W	52.1	W	1,124.7
November	9.7	26.7	1,080.4	312.4	12.6	76.7	W	79.9	W	678.7
December	8.3	27.7	1,228.5	298.4	21.8	106.6	W	W	W	755.1
1998 Average	9.6	32.1	1,157.7	254.2	11.9	90.4	8.8	36.1	W	666.6
Oklahoma										
January	3.1	W	299.4	208.6	—	11.5	W	80.5	29.6	738.5
February	3.8	5.1	303.8	395.1	—	8.6	W	64.2	W	636.6
March	4.3	4.6	290.5	338.3	—	9.2	W	18.0	W	595.0
April	6.7	6.1	316.5	195.6	—	W	W	3.2	W	284.7
May	6.6	7.4	320.5	275.4	—	W	W	2.1	W	236.3
June	5.8	6.9	333.6	234.4	—	W	—	1.4	W	276.2
July	8.2	7.4	337.3	302.4	—	W	—	W	W	341.1
August	W	5.1	343.0	417.8	—	W	—	1.9	W	440.1
September	4.4	6.3	349.0	294.5	—	W	—	1.8	W	455.5
October	6.6	6.0	459.6	239.2	—	W	—	39.2	W	469.7
November	3.1	W	436.1	253.6	—	3.7	W	41.3	W	546.8
December	3.4	4.0	377.3	251.4	—	22.0	W	11.8	W	664.4
1998 Average	5.2	5.7	347.4	283.4	—	4.8	0.3	22.0	W	473.3

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene		No. 1 Distillate		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
South Dakota										
January	W	W	21.8	9.2	—	W	1.4	146.0	W	195.2
February	W	3.6	22.3	7.5	—	W	W	45.5	W	144.0
March	W	4.9	21.3	8.3	—	—	W	51.5	W	154.8
April	W	9.1	20.2	10.5	—	—	W	4.5	W	57.4
May	W	10.2	17.8	8.3	—	—	NA	2.7	W	27.4
June	W	10.9	21.1	15.0	—	—	NA	3.3	W	36.2
July	W	10.9	23.1	12.8	—	—	NA	5.4	W	44.2
August	W	9.0	21.8	11.7	—	W	NA	11.5	W	73.5
September	W	6.8	19.6	11.0	—	—	W	33.4	W	107.2
October	W	6.0	20.1	12.8	—	—	W	64.2	W	156.5
November	W	W	11.7	12.2	—	W	W	178.0	W	207.1
December	W	4.4	20.5	10.7	—	W	W	211.0	W	182.0
1998 Average	W	7.0	20.1	10.8	—	0.2	0.5	63.3	12.3	115.4
Tennessee										
January	W	9.5	857.7	51.5	9.1	235.7	—	W	W	435.3
February	W	12.9	898.6	54.0	9.7	214.3	—	W	W	354.2
March	W	11.3	960.8	57.4	6.8	142.3	W	—	W	251.8
April	W	15.1	880.3	50.2	4.4	34.4	NA	—	W	98.7
May	W	13.9	908.5	60.0	W	14.0	NA	—	W	130.9
June	W	16.9	948.5	114.0	W	14.3	—	—	W	100.4
July	W	15.8	911.5	66.6	W	W	—	W	W	161.4
August	W	20.0	1,017.1	79.3	W	19.2	—	W	W	215.9
September	W	17.4	886.4	80.5	W	34.2	—	W	W	214.0
October	W	19.4	1,105.1	79.0	4.2	71.7	—	W	W	216.7
November	W	12.1	1,062.7	54.9	NA	87.3	—	W	W	228.1
December	W	13.7	961.5	46.6	6.4	146.3	W	W	W	307.5
1998 Average	W	14.8	950.4	66.2	5.4	84.5	W	W	W	225.9
Wisconsin										
January	W	W	146.0	62.4	W	18.0	40.4	355.5	186.4	914.9
February	W	W	111.0	60.0	W	7.8	35.2	186.1	159.0	636.9
March	W	W	135.0	78.2	W	4.9	W	106.0	132.8	603.3
April	W	W	NA	61.4	W	1.2	W	31.7	85.8	363.6
May	—	W	NA	53.5	—	0.5	NA	18.0	41.8	173.3
June	—	W	NA	52.8	W	1.2	W	28.3	42.2	173.9
July	—	W	147.3	50.7	W	W	W	26.6	38.5	202.5
August	—	W	141.7	51.0	—	1.0	W	34.5	44.4	271.1
September	W	W	122.3	43.9	W	2.7	W	62.1	58.2	274.4
October	—	W	NA	34.7	W	5.6	W	141.7	91.7	399.8
November	—	W	147.6	37.9	W	11.2	W	259.4	99.7	462.4
December	—	W	166.8	40.6	W	10.1	NA	390.3	131.2	611.4
1998 Average	W	W	138.5	52.2	0.1	5.4	W	136.7	92.3	423.4
PAD District III										
January	16.0	64.8	11,055.7	3,831.2	4.4	806.8	W	NA	2,975.2	15,258.3
February	15.2	116.2	10,937.0	3,840.9	W	541.4	W	NA	3,588.7	16,915.1
March	21.2	169.7	10,996.3	4,590.7	4.1	550.8	W	NA	2,899.0	13,776.1
April	25.6	125.1	10,911.4	4,308.3	W	769.0	—	2.5	2,245.3	12,938.0
May	25.5	104.1	11,927.4	3,417.4	2.5	358.7	—	0.6	1,921.8	11,869.3
June	27.0	129.0	11,744.5	4,221.2	W	566.5	—	1.3	1,807.9	14,977.2
July	23.4	147.6	12,278.6	4,686.0	W	548.9	—	W	1,502.0	12,707.8
August	22.9	133.3	12,158.8	5,051.1	W	475.2	—	W	1,896.2	12,619.8
September	24.5	110.8	10,773.3	4,017.0	143.0	616.8	—	W	1,647.7	13,762.7
October	23.9	99.3	11,500.4	6,146.5	W	878.7	W	28.6	1,682.8	16,094.9
November	15.9	W	8,683.3	7,796.6	W	930.9	W	30.4	1,745.5	14,409.3
December	18.5	72.0	11,218.3	6,247.4	368.0	693.5	W	36.2	3,221.0	18,450.4
1998 Average	21.7	112.4	11,191.3	4,851.8	138.7	644.8	W	30.5	2,254.6	14,466.6

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
Alabama										
January	W	5.6	139.1	30.5	W	28.3	—	W	W	370.3
February	2.0	6.8	148.0	37.8	1.0	29.0	—	—	W	445.5
March	2.1	5.3	145.5	38.7	0.7	19.1	—	W	W	308.1
April	W	6.8	143.6	47.0	W	4.3	—	—	W	162.2
May	2.7	7.1	129.8	39.8	W	3.4	—	—	W	169.7
June	W	8.2	177.0	49.0	W	3.7	—	—	W	150.5
July	W	7.7	162.5	40.6	W	W	—	—	W	197.8
August	2.6	7.9	152.0	45.1	W	4.2	—	—	W	215.8
September	W	6.0	148.0	42.4	W	8.2	—	—	W	341.9
October	W	9.4	161.9	52.5	W	12.2	—	—	W	315.9
November	W	6.4	151.9	43.2	W	11.8	—	—	W	310.6
December	W	7.5	152.9	45.6	W	28.3	—	W	W	437.7
1998 Average	2.7	7.1	151.0	42.7	0.3	12.9	—	W	W	284.7
Arkansas										
January	W	W	83.4	64.5	W	W	—	—	W	290.2
February	W	W	84.1	126.8	—	W	—	—	W	234.9
March	W	W	85.6	56.2	—	W	—	—	W	258.2
April	W	W	W	155.0	—	W	—	—	W	101.5
May	W	W	W	134.9	—	0.5	—	—	W	51.5
June	W	W	W	81.1	—	W	—	—	W	53.4
July	W	W	87.9	91.4	—	W	—	—	W	73.6
August	W	W	86.6	51.6	—	W	—	—	W	95.8
September	W	10.6	88.0	47.3	—	W	—	—	W	182.8
October	W	7.7	80.3	47.2	—	W	—	—	W	198.3
November	W	W	W	45.0	—	1.5	—	—	W	190.0
December	W	7.0	93.8	79.1	W	W	—	—	W	317.1
1998 Average	W	9.5	85.5	81.3	W	W	—	—	W	170.5
Louisiana										
January	1.3	5.7	2,491.6	546.5	W	W	—	—	1,152.9	1,366.8
February	W	6.2	2,285.5	414.6	0.3	W	—	—	W	1,441.2
March	W	8.4	2,937.2	1,175.3	W	W	—	—	1,006.7	1,303.4
April	2.0	10.1	2,640.2	879.3	W	W	—	—	803.4	1,483.1
May	W	8.9	2,785.6	451.8	W	W	—	—	267.6	1,141.5
June	3.6	9.9	2,248.9	763.6	W	W	—	—	182.2	1,427.0
July	W	9.5	2,731.7	936.4	W	W	—	—	263.8	933.8
August	W	9.9	2,415.9	1,139.5	W	W	—	—	174.2	1,045.8
September	2.7	5.7	2,295.4	978.7	W	389.5	—	—	155.1	1,271.3
October	W	8.1	2,055.3	1,325.6	W	W	—	—	115.5	1,329.9
November	W	7.4	2,047.3	1,256.1	W	511.4	—	—	489.0	1,092.5
December	2.4	5.9	2,179.7	1,988.0	W	W	—	—	516.7	1,465.0
1998 Average	2.5	8.0	2,428.6	992.9	W	358.8	—	—	510.9	1,273.3
Mississippi										
January	W	1.9	688.4	176.5	W	W	—	—	W	640.0
February	W	W	628.0	231.4	W	44.9	—	—	W	849.8
March	W	4.7	694.1	182.0	W	W	—	—	W	749.8
April	W	W	579.9	44.0	W	W	—	—	W	356.0
May	W	4.1	769.1	183.5	W	W	—	—	W	297.1
June	W	W	691.5	337.1	W	W	—	—	W	856.4
July	W	W	815.9	97.8	W	W	—	—	W	686.8
August	W	7.7	619.5	294.8	W	W	—	—	W	686.5
September	W	W	534.7	332.1	W	W	—	—	W	487.8
October	W	W	564.0	384.4	W	W	—	—	W	926.4
November	W	W	740.0	340.9	W	W	—	—	W	523.2
December	W	W	578.4	304.2	W	W	—	—	10.6	1,096.9
1998 Average	W	W	659.1	242.2	W	W	—	—	4.5	679.7

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
New Mexico										
January	W	W	117.8	NA	—	W	W	21.4	W	445.2
February	W	W	116.9	NA	—	W	W	W	W	427.3
March	W	W	118.6	NA	—	W	—	11.1	W	497.8
April	W	W	W	10.2	—	W	—	0.8	W	328.4
May	W	W	W	12.4	—	W	—	—	W	321.5
June	W	W	W	11.5	—	W	—	W	W	297.5
July	W	W	137.7	25.8	—	W	—	0.7	W	272.0
August	W	W	155.0	28.9	—	W	—	2.0	W	342.3
September	W	W	149.2	24.4	—	W	—	3.5	W	330.6
October	W	W	154.1	25.1	—	W	—	W	W	437.7
November	W	W	W	25.2	—	W	—	20.7	W	455.2
December	W	W	162.1	29.9	—	W	—	20.6	W	544.1
1998 Average	W	W	124.1	22.9	—	W	W	9.3	33.9	391.8
Texas										
January	8.0	34.0	7,535.4	2,988.0	0.5	466.4	—	W	1,679.9	12,145.7
February	5.4	84.4	7,674.4	3,004.4	0.6	126.7	—	W	2,354.0	13,516.4
March	9.1	133.7	7,015.2	3,108.9	0.6	49.9	W	W	1,726.9	10,658.7
April	12.2	86.1	7,390.5	3,172.9	W	162.0	—	1.7	1,347.4	10,506.8
May	10.8	58.5	8,099.9	2,594.9	W	14.5	—	0.6	1,596.7	9,888.0
June	10.7	73.0	8,443.2	2,978.9	W	20.5	—	W	1,533.1	12,192.4
July	10.7	98.0	8,342.9	3,494.1	W	104.9	—	W	1,155.3	10,543.7
August	9.3	87.3	8,729.8	3,491.1	W	12.7	—	W	1,647.2	10,233.7
September	11.9	73.3	7,558.0	2,592.1	W	81.0	—	W	1,375.2	11,148.3
October	10.6	60.9	8,484.9	4,311.7	W	W	W	W	1,442.5	12,886.7
November	6.3	45.7	5,515.5	6,086.2	W	156.6	W	9.7	1,143.6	11,837.8
December	9.0	42.3	8,051.4	3,800.6	W	119.7	W	W	2,529.4	14,589.6
1998 Average	9.5	73.0	7,742.9	3,469.9	W	133.8	W	W	1,624.7	11,666.7
PAD District IV										
January	7.2	15.2	1,185.6	156.5	W	16.8	72.6	431.7	48.3	1,437.1
February	9.8	20.6	1,670.8	167.8	—	6.2	79.7	261.5	40.6	1,147.0
March	9.3	20.9	1,360.4	174.1	—	4.9	35.8	160.6	37.0	1,202.8
April	14.1	19.4	1,057.9	72.1	—	0.5	NA	46.6	26.2	962.9
May	11.2	28.7	1,187.8	66.9	—	W	NA	26.7	20.6	784.8
June	19.4	32.9	1,091.1	93.6	—	W	NA	37.8	20.0	810.6
July	20.7	41.1	1,356.9	171.0	—	W	NA	42.9	23.0	833.1
August	18.2	32.9	1,544.9	169.4	—	W	NA	50.3	21.1	862.7
September	16.8	32.4	1,266.9	187.9	—	W	NA	86.4	23.1	934.8
October	10.2	23.6	1,330.4	176.7	W	2.0	29.9	190.2	31.5	1,035.8
November	6.5	W	1,092.2	106.4	W	4.3	59.8	331.6	37.6	1,071.5
December	9.0	18.1	1,733.2	190.4	W	10.5	102.2	584.6	47.5	1,340.0
1998 Average	12.7	25.0	1,322.5	144.5	W	4.0	33.8	187.6	31.4	1,035.3
Colorado										
January	W	W	442.4	NA	—	14.1	9.5	98.4	W	504.0
February	W	W	855.6	134.0	—	W	18.2	82.1	W	382.3
March	W	W	553.8	143.3	—	W	W	56.9	W	456.1
April	W	W	329.6	44.9	—	W	W	17.8	W	282.0
May	W	W	405.2	W	—	—	NA	9.4	W	207.5
June	W	W	331.6	W	—	—	NA	12.1	W	188.5
July	W	W	564.7	131.3	—	W	NA	15.3	W	201.6
August	W	W	635.1	129.3	—	—	W	16.3	W	218.5
September	W	W	483.6	136.5	—	—	W	19.5	W	264.2
October	W	W	616.2	127.0	—	W	W	50.5	W	280.5
November	W	W	357.7	W	—	W	8.8	101.6	W	355.0
December	W	W	820.4	154.3	—	W	17.8	157.5	W	502.5
1998 Average	W	W	532.1	107.6	—	2.6	6.1	53.0	W	320.2

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										
January	—	W	60.1	4.7	—	W	18.9	73.1	W	W
February	—	W	42.9	9.5	—	W	13.1	33.5	W	W
March	W	W	59.3	9.8	—	W	7.9	15.2	W	W
April	W	W	50.0	6.3	—	W	W	4.7	W	W
May	—	3.4	51.8	9.2	—	—	W	2.7	W	W
June	W	W	49.5	12.2	—	W	NA	5.2	W	W
July	W	W	78.8	16.4	—	—	NA	11.4	9.5	W
August	W	W	69.3	13.5	—	—	NA	11.7	7.7	W
September	—	W	59.2	11.9	—	W	W	11.6	W	W
October	W	W	54.3	11.6	—	W	NA	26.8	W	W
November	W	W	W	3.9	—	—	8.7	54.7	W	W
December	W	W	74.2	10.2	—	W	17.4	110.9	W	W
1998 Average	W	W	58.0	10.0	—	0.2	7.3	30.2	9.7	W
Montana										
January	W	—	65.9	3.9	—	W	W	117.0	W	253.3
February	W	—	61.7	W	—	W	W	54.0	W	240.2
March	W	W	60.6	W	—	W	5.5	32.8	W	222.3
April	W	—	58.7	W	—	—	—	10.0	W	200.3
May	W	—	59.4	5.0	—	—	W	6.7	W	165.2
June	W	W	75.5	5.7	—	—	0.8	8.7	W	197.7
July	W	W	86.3	5.3	—	—	W	8.2	W	185.0
August	W	—	83.9	W	—	—	W	10.0	W	196.7
September	W	W	77.3	9.2	—	—	W	29.1	W	199.6
October	W	—	72.5	5.2	—	—	W	59.5	W	223.3
November	W	—	61.3	3.9	—	—	W	77.1	W	213.9
December	W	W	72.3	W	—	W	W	130.6	W	216.1
1998 Average	W	W	69.7	5.0	—	W	3.1	45.4	W	209.3
Utah										
January	W	W	581.6	19.7	—	W	18.5	54.8	W	W
February	W	6.5	658.3	19.1	—	W	25.3	32.8	W	W
March	W	4.6	646.5	17.7	—	W	W	15.6	W	W
April	W	5.1	543.0	16.0	—	W	NA	NA	W	W
May	W	7.3	602.7	17.8	—	W	0.3	NA	W	W
June	W	7.8	581.0	22.5	—	W	W	NA	W	W
July	W	10.2	564.6	15.1	—	—	W	NA	W	W
August	W	6.5	730.7	17.1	—	W	W	NA	W	W
September	W	6.7	566.9	27.2	—	W	W	NA	W	W
October	W	6.6	510.3	31.0	—	W	4.5	NA	W	W
November	W	W	546.1	19.4	—	W	24.4	35.3	W	W
December	W	3.2	706.6	20.7	—	W	35.2	75.2	W	W
1998 Average	W	6.0	603.2	20.3	—	W	9.7	21.3	0.8	W
Wyoming										
January	W	W	35.5	0.9	W	—	W	88.5	W	424.1
February	W	W	52.3	W	—	W	W	59.1	W	341.5
March	W	W	40.2	W	—	—	10.8	40.2	W	369.9
April	W	W	76.6	W	—	—	0.8	8.7	W	328.7
May	W	W	68.6	W	—	—	0.4	5.9	W	284.9
June	W	W	53.4	W	—	—	W	8.8	2.4	285.6
July	W	W	62.6	3.1	—	—	—	4.4	W	300.4
August	W	W	25.9	W	—	—	W	7.9	W	295.9
September	W	W	80.0	3.2	—	W	1.1	17.9	W	314.9
October	W	W	77.0	2.0	W	—	W	38.5	7.1	355.6
November	W	W	W	W	W	W	W	62.9	6.2	376.7
December	W	W	59.6	W	W	—	W	110.5	6.9	462.1
1998 Average	W	W	59.5	1.6	W	W	7.6	37.7	5.0	345.3

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene		No. 1 Distillate		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
PAD District V										
January	24.2	97.6	13,907.3	4,040.5	W	153.4	213.1	319.9	16.6	2,566.2
February	23.1	113.4	13,419.3	3,682.9	W	199.6	189.3	179.3	14.5	2,440.4
March	28.9	156.1	13,635.5	4,337.8	0.2	62.0	161.0	143.2	14.9	2,380.3
April	31.0	158.5	14,202.2	4,035.2	W	42.0	111.5	67.1	13.4	2,306.4
May	45.3	224.0	14,317.5	3,616.0	W	W	W	89.2	11.3	2,008.3
June	35.1	206.7	15,109.1	3,852.9	0.3	W	W	79.1	15.4	2,076.0
July	34.1	272.0	16,473.6	3,563.4	W	W	W	70.6	12.2	2,113.3
August	31.1	224.5	16,514.9	3,159.5	W	W	100.2	132.1	13.6	1,971.4
September	30.1	244.8	16,197.4	2,998.6	W	W	126.0	234.0	12.9	2,114.9
October	31.1	206.3	16,485.4	2,715.9	W	25.9	153.4	199.3	15.3	2,428.4
November	24.9	103.6	14,143.1	2,329.9	W	140.6	180.8	249.4	19.1	2,583.2
December	24.5	118.5	15,643.8	2,561.8	W	36.3	182.5	335.8	24.6	3,051.4
1998 Average	30.3	177.7	15,018.1	3,406.7	W	66.8	141.0	175.1	15.3	2,336.6
Alaska										
January	W	W	1,696.8	W	W	—	198.2	219.2	W	W
February	W	W	1,623.4	107.2	W	—	173.4	120.1	W	W
March	W	21.6	1,755.7	93.8	W	—	147.9	116.2	1.5	W
April	W	26.7	2,053.1	119.7	W	—	W	52.0	1.8	W
May	W	101.4	1,890.8	W	W	—	W	76.8	1.6	W
June	W	53.0	2,282.6	282.8	W	—	W	69.9	1.8	W
July	W	99.6	2,332.5	363.7	W	—	W	54.7	1.9	W
August	W	61.3	2,194.3	294.5	W	—	W	116.2	1.8	W
September	W	98.2	2,151.2	316.2	W	—	W	208.3	1.7	W
October	W	64.8	2,219.7	189.0	W	—	148.8	163.5	1.5	W
November	W	12.5	2,273.4	68.8	W	—	171.1	145.6	1.4	W
December	W	17.5	2,146.5	120.0	W	—	172.2	198.5	1.3	W
1998 Average	W	48.7	2,053.7	194.5	W	—	134.9	128.6	1.6	W
Arizona										
January	W	10.4	686.5	219.7	W	W	W	W	—	44.1
February	W	12.8	607.1	199.6	—	W	W	1.2	—	100.6
March	W	13.2	564.7	227.4	W	W	W	W	—	47.8
April	W	11.1	648.3	212.0	—	—	—	W	—	194.4
May	W	14.2	720.0	231.6	—	W	—	—	—	217.1
June	W	13.5	630.1	274.3	W	—	—	—	—	302.6
July	W	14.3	729.9	106.0	—	—	—	—	—	301.1
August	W	13.6	774.0	161.5	—	W	—	W	—	120.9
September	W	13.9	628.1	97.7	—	W	—	W	—	75.9
October	W	15.7	694.0	205.9	—	W	—	W	—	58.5
November	W	W	609.6	283.1	W	W	W	1.5	—	76.1
December	W	12.4	885.4	179.3	W	W	W	W	—	98.3
1998 Average	W	13.1	682.7	199.7	W	W	W	W	—	136.5
California										
January	11.7	52.5	8,436.1	2,554.5	—	69.1	—	W	W	1,763.8
February	8.1	55.9	8,041.5	2,478.3	—	52.4	W	W	W	1,629.8
March	11.2	76.5	8,051.9	2,915.5	—	36.9	—	W	6.9	1,543.0
April	15.0	68.5	8,434.5	2,572.4	—	20.0	—	—	W	1,472.9
May	11.7	71.9	8,434.2	2,367.5	—	18.0	—	—	W	1,287.1
June	15.4	85.9	8,743.5	2,403.3	—	21.4	—	—	W	1,253.6
July	15.3	96.7	9,721.6	2,181.3	—	11.5	—	—	W	1,315.7
August	13.3	89.5	9,887.9	1,849.1	—	14.5	—	—	W	1,324.0
September	13.7	82.3	10,135.2	1,850.9	—	24.0	—	—	W	1,431.3
October	13.2	76.8	10,240.6	1,435.8	—	16.6	—	—	W	1,582.0
November	9.7	58.7	8,327.2	1,122.7	—	47.1	—	W	W	1,686.1
December	11.2	57.2	9,316.3	1,383.6	—	22.9	—	W	W	2,009.5
1998 Average	12.5	72.8	8,989.4	2,090.9	—	29.4	W	2.8	W	1,524.8

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
Hawaii										
January	—	W	501.6	W	—	—	—	W	—	W
February	—	W	483.7	W	—	—	—	—	—	W
March	—	W	482.3	W	—	—	—	—	—	W
April	—	W	402.1	W	—	—	—	—	—	W
May	—	W	414.5	W	—	—	—	—	—	W
June	—	W	455.7	W	—	—	—	—	—	W
July	—	W	456.2	W	—	—	—	—	—	W
August	—	W	469.8	W	—	—	—	—	—	W
September	—	W	W	W	—	—	—	—	—	W
October	—	W	488.2	W	—	—	—	—	—	W
November	—	W	W	W	—	—	—	—	—	W
December	—	W	401.6	W	—	—	—	—	—	W
1998 Average	—	W	448.9	578.8	—	—	—	W	—	W
Nevada										
January	W	8.0	525.7	138.4	—	W	—	W	W	168.6
February	W	7.7	540.7	W	—	W	—	W	W	144.3
March	—	10.0	605.4	169.8	—	W	—	W	W	162.7
April	W	9.7	460.2	124.2	—	W	—	W	W	130.7
May	W	9.7	576.6	62.1	—	—	—	—	W	74.7
June	W	11.7	494.9	114.6	—	W	—	—	W	89.9
July	W	9.7	675.5	89.4	—	W	—	—	—	76.2
August	W	12.1	584.1	72.7	—	W	—	—	W	71.1
September	W	12.5	662.0	79.9	—	—	—	—	—	101.7
October	W	12.1	580.8	83.8	—	W	—	W	—	146.5
November	W	W	W	W	—	W	—	W	—	169.8
December	W	8.2	673.8	W	—	W	—	4.1	—	193.1
1998 Average	W	10.2	573.8	93.2	—	W	—	1.0	W	127.4
Oregon										
January	—	W	469.4	166.0	—	24.0	W	21.3	W	54.1
February	—	W	512.5	78.6	—	W	W	10.5	W	16.4
March	W	W	524.3	W	—	9.2	—	4.7	W	7.9
April	W	W	492.9	W	—	W	—	3.0	W	22.3
May	W	W	552.2	51.2	—	W	—	1.0	W	W
June	W	W	599.8	W	—	W	—	1.3	W	25.2
July	W	W	593.7	W	—	W	—	W	W	5.9
August	W	W	643.4	W	—	W	—	W	W	W
September	W	W	W	W	—	W	—	W	W	53.8
October	—	W	554.8	W	—	W	W	1.3	W	27.7
November	—	W	500.8	55.3	—	W	—	15.3	W	W
December	W	W	561.6	71.7	—	8.7	—	18.1	W	W
1998 Average	W	W	547.7	64.7	—	13.0	W	6.7	W	28.3
Washington										
January	W	W	1,591.1	289.1	—	58.4	W	62.8	W	448.3
February	W	W	1,610.3	207.4	—	18.9	W	37.0	W	459.9
March	W	W	1,651.2	312.4	W	15.4	W	21.1	W	536.3
April	W	W	1,711.1	390.9	W	14.0	W	11.8	W	439.3
May	W	W	1,729.0	125.5	W	8.0	—	11.4	W	346.1
June	W	W	1,902.4	136.6	W	8.6	—	7.9	W	306.5
July	W	W	1,964.2	158.7	W	W	—	W	W	335.6
August	W	W	1,961.4	121.4	—	3.3	W	14.0	W	336.7
September	W	W	1,648.3	94.9	—	W	W	24.3	W	367.2
October	W	W	1,707.2	130.6	—	W	W	32.2	W	534.5
November	W	W	1,514.7	140.7	—	W	W	75.7	W	547.4
December	W	W	1,658.6	115.3	—	W	W	113.1	W	609.4
1998 Average	W	W	1,722.0	185.0	W	15.7	W	35.6	W	439.0

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Note: 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 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										
January	12,872.2	68,866.5	7,502.1	16,080.4	20,374.3	84,946.9	3,383.0	34,553.2	23,757.3	119,500.1
February	13,595.6	69,563.6	7,500.4	14,659.8	21,096.1	84,223.4	3,028.3	35,459.3	24,124.4	119,682.6
March	14,329.2	75,204.1	7,918.7	14,380.0	22,247.9	89,584.1	2,606.3	32,177.5	24,854.2	121,761.7
April	13,698.8	73,388.5	6,625.7	13,631.2	20,324.4	87,019.7	2,372.5	27,500.0	22,696.9	114,519.7
May	12,807.6	71,560.2	6,518.4	14,058.6	19,326.0	85,618.8	3,393.5	27,997.7	22,719.6	113,616.5
June	14,457.1	82,219.5	6,878.0	15,431.0	21,335.0	97,650.5	3,959.0	23,564.8	25,294.1	121,215.2
July	15,026.9	83,381.3	7,201.1	16,172.2	22,228.0	99,553.5	3,446.0	22,059.6	25,674.0	121,613.0
August	14,427.2	80,626.2	6,856.5	14,155.1	21,283.8	94,781.3	3,629.8	20,964.7	24,913.6	115,746.0
September	15,010.9	81,960.8	7,393.8	14,543.3	22,404.7	96,504.1	3,121.9	20,885.9	25,526.6	117,390.0
October	15,318.4	83,887.7	6,839.2	13,347.4	22,157.6	97,235.1	3,218.3	25,778.9	25,375.9	123,014.0
November	13,796.6	78,857.4	6,413.3	14,141.1	20,210.0	92,998.6	3,119.8	24,743.1	23,329.8	117,741.7
December	13,794.8	77,782.0	6,710.8	14,631.0	20,505.6	92,413.0	3,189.0	32,008.6	23,694.7	124,421.6
1998 Average	14,097.1	77,318.1	7,028.2	14,603.9	21,125.3	91,922.1	3,207.8	27,275.1	24,333.1	119,197.2
PAD District I										
January	3,767.8	15,166.2	1,271.9	3,441.5	5,039.7	18,607.8	1,103.3	23,611.9	6,143.0	42,219.7
February	4,023.0	15,858.8	1,262.8	3,820.6	5,285.7	19,679.4	996.3	25,403.8	6,282.0	45,083.2
March	4,264.1	17,648.5	1,282.9	2,879.5	5,547.0	20,528.0	946.3	21,133.7	6,493.3	41,661.6
April	4,400.8	17,599.7	1,089.2	2,107.0	5,490.0	19,706.7	742.8	15,002.1	6,232.8	34,708.8
May	4,094.4	16,663.0	986.8	1,989.5	5,081.2	18,652.5	1,013.0	13,503.7	6,094.2	32,156.3
June	4,613.1	18,590.1	1,083.4	3,006.4	5,696.5	21,596.6	1,199.7	13,620.3	6,896.2	35,216.9
July	4,747.4	18,348.1	1,206.7	2,004.3	5,954.1	20,352.4	1,364.1	11,412.7	7,318.2	31,765.1
August	4,406.8	18,276.2	1,135.5	2,352.0	5,542.4	20,628.2	1,257.8	10,652.3	6,800.2	31,280.5
September	4,252.2	17,190.5	1,023.8	3,091.5	5,276.0	20,282.0	1,043.0	11,750.0	6,319.0	32,032.0
October	4,599.7	17,792.1	1,065.1	2,115.8	5,664.8	19,907.9	1,099.1	14,866.6	6,763.9	34,774.6
November	4,176.2	19,240.4	978.6	3,091.7	5,154.8	22,332.0	1,090.4	15,696.8	6,245.3	38,028.8
December	4,080.4	18,014.4	1,022.5	2,598.5	5,102.9	20,612.8	1,184.1	22,162.6	6,287.1	42,775.4
1998 Average	4,286.8	17,539.3	1,117.1	2,697.8	5,403.9	20,237.1	1,088.1	16,523.4	6,492.0	36,760.4
Subdistrict IA										
January	238.0	W	W	W	W	2,012.3	W	4,085.0	267.0	6,097.4
February	246.9	W	W	W	W	1,578.4	W	4,556.4	279.0	6,134.8
March	W	W	W	W	298.5	1,617.3	35.7	3,625.7	334.2	5,243.0
April	W	W	W	W	317.9	1,510.0	22.9	2,214.3	340.8	3,724.3
May	W	W	W	W	310.2	1,441.9	19.4	1,275.6	329.5	2,717.5
June	W	W	W	W	329.0	1,330.5	19.8	1,127.0	348.7	2,457.5
July	W	W	W	W	330.8	1,228.0	25.8	1,258.9	356.7	2,486.9
August	W	W	W	W	306.5	1,402.2	27.1	937.5	333.6	2,339.7
September	W	W	W	W	310.3	1,285.0	31.7	1,494.2	342.1	2,779.2
October	W	W	W	W	303.4	1,258.4	33.8	2,056.0	337.2	3,314.4
November	W	W	W	W	280.7	1,912.5	38.4	2,612.6	319.2	4,525.1
December	W	W	W	W	306.4	1,715.4	49.9	4,284.4	356.3	5,999.8
1998 Average	W	W	W	W	301.4	1,524.1	27.6	2,450.0	329.0	3,974.0
Connecticut										
January	W	W	—	W	W	404.0	W	893.3	102.5	1,297.4
February	W	W	—	W	W	489.2	W	961.4	103.8	1,450.6
March	W	W	—	W	W	527.0	W	1,041.9	118.6	1,568.9
April	W	W	—	W	W	487.6	W	887.9	129.7	1,375.6
May	W	W	—	W	W	357.6	W	466.8	134.0	824.4
June	W	W	—	W	W	386.8	W	336.5	137.2	723.4
July	W	W	—	W	W	383.2	W	269.0	140.7	652.1
August	W	W	—	W	W	373.5	W	321.7	137.8	695.3
September	W	W	—	W	W	367.5	W	430.5	145.0	798.0
October	W	W	—	W	W	374.9	W	521.4	141.9	896.3
November	W	W	—	W	W	671.1	W	651.8	121.9	1,322.9
December	W	484.8	—	NA	W	651.2	W	1,498.1	130.5	2,149.2
1998 Average	W	W	—	W	W	455.6	W	689.0	128.8	1,144.7

See footnotes at end of table.

**Table 46. Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes
by PAD District and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
Maine										
January	W	W	W	W	10.7	146.3	—	561.7	W	708.0
February	W	W	W	W	16.1	143.4	—	638.4	16.1	781.8
March	W	W	W	W	W	141.0	—	441.0	W	581.9
April	W	W	W	W	22.5	128.7	—	295.2	22.5	423.9
May	W	W	W	W	22.2	133.5	—	195.7	22.2	329.2
June	W	W	W	W	W	153.8	—	228.1	W	381.9
July	W	W	—	W	W	168.7	—	156.1	W	324.8
August	W	W	W	W	11.3	178.4	—	167.3	11.3	345.7
September	W	W	W	W	13.0	167.1	—	232.2	13.0	399.3
October	W	W	—	W	W	171.8	—	305.8	W	477.7
November	W	200.2	W	—	10.6	200.2	—	396.7	10.6	596.8
December	W	214.5	W	NA	13.8	216.8	—	588.7	13.8	805.5
1998 Average	W	W	W	W	15.2	162.6	—	348.9	15.2	511.5
Massachusetts										
January	90.9	W	W	W	W	1,177.4	W	1,721.2	103.5	2,898.5
February	94.4	W	W	W	W	691.0	W	1,995.0	108.7	2,686.0
March	95.3	W	W	W	W	706.7	W	982.3	110.7	1,689.0
April	108.9	W	W	W	W	607.2	W	455.1	127.4	1,062.3
May	100.8	W	W	W	W	705.4	W	285.4	118.7	990.8
June	W	W	W	W	135.2	526.5	4.1	290.2	139.2	816.7
July	W	W	W	W	140.4	408.3	7.9	619.0	148.3	1,027.2
August	W	W	W	W	127.1	540.4	4.9	222.9	132.0	763.3
September	102.4	W	W	W	W	472.8	W	463.1	128.3	935.9
October	104.8	W	W	W	W	459.4	W	725.1	133.7	1,184.5
November	98.3	W	W	W	W	797.3	W	752.3	124.0	1,549.7
December	W	416.0	W	NA	120.6	598.6	6.5	1,455.8	127.1	2,054.5
1998 Average	W	W	W	W	120.9	640.9	4.3	824.8	125.2	1,465.7
New Hampshire										
January	W	14.1	W	W	11.6	W	—	W	11.6	W
February	W	15.1	W	W	11.9	W	—	W	11.9	W
March	10.9	15.4	W	W	W	W	W	W	W	W
April	9.9	15.5	W	W	W	W	W	W	15.1	47.1
May	7.6	20.8	W	W	W	W	W	W	10.0	W
June	9.1	21.5	W	W	W	W	W	W	W	46.2
July	W	20.9	W	W	11.1	W	NA	W	W	45.5
August	W	18.6	W	W	10.8	W	NA	W	12.2	45.4
September	W	21.5	W	W	9.1	W	NA	W	10.9	W
October	W	21.5	W	W	7.7	W	NA	W	W	69.2
November	W	19.8	W	W	11.5	W	NA	W	15.4	330.5
December	W	W	W	NA	13.3	W	NA	W	18.7	108.5
1998 Average	8.9	W	W	W	W	29.7	W	W	13.3	W
Rhode Island										
January	W	W	—	W	W	219.8	W	804.5	21.6	1,024.4
February	W	W	—	W	W	211.3	W	884.9	22.7	1,096.1
March	W	W	—	W	W	197.8	W	1,093.6	28.2	1,291.4
April	W	W	—	W	W	252.8	W	543.0	22.5	795.8
May	W	W	—	W	W	202.9	W	304.3	24.2	507.2
June	W	W	—	W	W	231.4	W	246.6	22.3	478.0
July	W	W	—	W	W	229.5	W	197.6	24.1	427.1
August	W	W	—	W	W	278.7	W	200.6	21.0	479.3
September	W	W	—	W	W	242.5	W	324.0	25.2	566.4
October	W	W	—	W	W	217.2	W	453.3	21.2	670.5
November	W	W	—	W	W	211.3	W	495.8	23.0	707.1
December	W	W	—	W	W	216.7	W	646.2	31.8	863.0
1998 Average	W	W	—	W	W	226.0	W	514.4	24.0	740.4

See footnotes at end of table.

**Table 46. Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes
by PAD District and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
Vermont										
January	W	11.5	W	W	W	W	W	W	W	W
February	12.7	W	W	—	W	W	W	W	15.8	W
March	W	W	W	—	W	W	W	W	34.5	W
April	10.9	W	W	W	W	W	W	W	23.5	19.6
May	W	W	W	W	W	W	W	W	20.5	W
June	W	7.6	W	W	W	W	W	W	17.8	11.4
July	W	7.9	W	W	15.4	W	NA	W	20.3	10.2
August	W	9.1	W	W	13.8	W	NA	W	19.2	10.8
September	W	8.4	W	W	13.4	W	NA	W	19.7	W
October	W	10.1	W	W	W	W	W	W	22.2	16.2
November	8.5	6.0	W	W	W	W	W	W	NA	18.1
December	W	5.9	W	W	W	W	W	W	NA	19.0
1998 Average	W	W	W	W	13.4	9.2	9.0	W	22.5	W
Subdistrict IB										
January	1,184.6	W	W	W	W	6,328.6	W	16,258.1	2,243.2	22,586.7
February	1,191.6	W	W	W	W	7,549.1	W	17,478.5	2,076.2	25,027.6
March	W	W	W	W	1,562.3	7,391.1	574.5	14,468.7	2,136.8	21,859.8
April	W	W	W	W	1,551.6	7,245.7	355.5	9,990.6	1,907.1	17,236.3
May	W	W	W	W	1,516.3	6,750.8	525.2	9,493.5	2,041.5	16,244.3
June	W	W	W	W	1,563.4	8,711.9	450.4	9,924.7	2,013.8	18,636.6
July	W	W	W	W	1,661.0	7,805.6	553.6	7,836.5	2,214.6	15,642.0
August	W	W	W	W	1,593.7	8,375.8	530.5	7,446.0	2,124.2	15,821.8
September	W	W	W	W	1,685.9	8,568.5	411.6	8,297.2	2,097.5	16,865.7
October	W	W	W	W	1,720.5	7,415.6	384.7	10,384.2	2,105.2	17,799.7
November	W	W	W	W	1,536.5	8,925.9	530.7	10,647.2	2,067.3	19,573.1
December	W	W	W	W	1,482.5	7,626.1	623.4	15,111.0	2,105.9	22,737.1
1998 Average	W	W	W	W	1,573.4	7,719.0	522.0	11,414.0	2,095.4	19,133.0
Delaware										
January	W	W	—	—	W	W	W	W	W	W
February	W	W	W	—	W	W	W	W	18.3	W
March	W	W	W	—	W	W	W	W	21.3	W
April	W	W	W	—	W	W	W	W	32.9	W
May	22.9	W	W	—	W	W	W	W	33.7	W
June	28.0	W	—	—	28.0	W	W	W	W	W
July	W	W	W	—	20.8	W	W	W	W	W
August	18.8	W	W	—	W	W	NA	W	W	259.8
September	22.6	W	—	—	22.6	W	NA	W	40.6	285.4
October	W	198.7	W	W	21.1	W	W	W	W	W
November	W	199.5	—	—	W	199.5	W	W	W	W
December	W	W	—	NA	W	W	W	W	33.0	W
1998 Average	19.2	W	W	W	W	W	W	W	31.8	W
District of Columbia										
January	W	W	—	—	W	W	W	W	W	W
February	W	W	—	—	W	W	W	W	18.5	W
March	4.9	W	—	—	4.9	W	—	W	4.9	W
April	W	W	—	—	W	W	W	W	7.8	W
May	W	W	—	—	W	W	W	W	7.0	W
June	NA	W	—	—	NA	W	W	W	W	W
July	NA	W	—	—	NA	W	W	W	W	W
August	W	W	—	—	W	W	—	W	W	33.5
September	NA	20.6	—	—	NA	20.6	—	NA	NA	NA
October	NA	W	—	—	NA	W	W	W	W	W
November	W	9.6	—	—	W	9.6	W	W	W	W
December	W	W	—	—	W	W	W	W	9.6	W
1998 Average	W	W	—	—	W	W	W	W	8.6	W

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				
Maryland										
January	W	W	W	W	274.5	519.1	120.0	800.4	394.5	1,319.5
February	W	W	W	W	221.9	678.3	61.7	810.8	283.6	1,489.1
March	198.2	534.0	W	64.4	W	598.4	W	601.8	350.9	1,200.2
April	210.4	547.3	4.5	32.2	214.9	579.6	34.7	466.3	249.6	1,045.8
May	195.3	523.6	1.5	21.9	196.8	545.6	57.7	425.4	254.5	971.0
June	W	572.2	W	28.3	203.3	600.4	87.2	492.6	290.4	1,093.1
July	W	513.6	W	29.6	188.9	543.3	77.6	205.3	266.5	748.5
August	W	504.6	W	30.9	208.6	535.5	75.6	216.1	284.2	751.6
September	W	W	W	14.7	216.8	W	71.1	W	287.9	867.8
October	208.3	479.8	NA	26.0	210.2	505.8	53.0	350.9	263.2	856.7
November	W	504.5	W	33.7	183.1	538.2	55.9	461.4	239.0	999.6
December	W	575.9	W	37.5	206.7	613.4	60.5	745.4	267.3	1,358.7
1998 Average	W	536.1	W	35.2	217.1	571.3	69.1	484.2	286.2	1,055.5
New Jersey										
January	300.1	1,840.1	120.0	409.7	420.1	2,249.8	71.5	7,363.9	491.6	9,613.7
February	321.9	1,985.8	100.6	1,369.5	422.6	3,355.3	70.3	8,003.4	492.9	11,358.6
March	345.9	2,635.6	125.5	221.7	471.4	2,857.3	72.7	6,284.0	544.2	9,141.3
April	342.6	2,747.9	106.6	102.6	449.3	2,850.5	65.8	3,668.7	515.1	6,519.2
May	316.9	2,261.7	126.3	97.9	443.1	2,359.6	101.0	4,792.9	544.1	7,152.5
June	339.5	2,793.7	99.2	949.8	438.7	3,743.5	73.0	5,344.9	511.6	9,088.4
July	393.9	2,360.6	128.0	115.4	521.8	2,476.0	100.7	3,350.5	622.6	5,826.5
August	359.6	W	91.5	W	451.1	3,216.4	132.2	3,630.9	583.2	6,847.3
September	371.8	2,283.4	115.7	1,203.5	487.6	3,486.9	137.9	3,762.2	625.4	7,249.1
October	390.8	2,392.0	107.0	202.0	497.8	2,594.0	72.1	5,206.6	569.9	7,800.6
November	366.4	2,874.9	81.8	992.8	448.2	3,867.7	94.3	4,374.3	542.4	8,242.0
December	344.5	2,399.2	119.9	NA	464.4	2,852.2	91.0	6,107.5	555.4	8,959.7
1998 Average	349.7	2,435.4	110.4	548.7	460.0	2,984.0	90.3	5,143.6	550.4	8,127.6
New York										
January	229.2	W	5.0	W	234.2	1,081.6	214.2	4,079.7	448.4	5,161.3
February	244.0	W	5.6	W	249.6	886.3	174.4	4,679.1	424.0	5,565.4
March	254.5	W	11.4	W	266.0	1,044.2	171.4	4,127.1	437.3	5,171.3
April	289.5	W	15.3	W	304.8	1,177.7	120.7	3,353.2	425.5	4,530.8
May	263.0	W	35.7	W	298.7	1,194.4	63.1	1,973.5	361.8	3,167.9
June	278.4	W	20.6	W	299.0	1,273.5	68.7	1,764.7	367.7	3,038.2
July	278.2	W	86.6	W	364.8	1,247.8	69.9	2,063.5	434.8	3,311.4
August	W	W	W	W	369.8	1,224.3	65.9	1,664.3	435.7	2,888.6
September	280.1	W	92.1	W	372.2	1,260.6	86.2	2,079.0	458.4	3,339.6
October	310.6	W	87.0	W	397.7	1,236.3	106.6	2,069.9	504.3	3,306.2
November	W	W	W	W	348.3	1,197.2	162.9	2,923.2	511.2	4,120.4
December	W	W	W	W	327.9	1,077.9	224.6	4,420.9	552.5	5,498.8
1998 Average	270.9	W	48.9	W	319.9	1,160.0	127.2	2,923.2	447.0	4,083.2
Pennsylvania										
January	446.0	2,307.3	132.8	14.0	578.8	2,321.3	292.0	3,668.3	870.8	5,989.6
February	434.6	2,382.6	133.8	34.7	568.5	2,417.3	270.4	3,685.6	838.9	6,102.8
March	474.6	2,674.1	53.9	23.1	528.5	2,697.3	249.8	3,222.8	778.3	5,920.1
April	507.9	2,370.0	43.4	42.4	551.2	2,412.4	124.9	2,395.1	676.2	4,807.5
May	528.3	2,392.3	21.2	7.7	549.4	2,400.0	290.9	2,238.6	840.3	4,638.7
June	546.1	2,803.1	44.9	28.5	590.9	2,831.6	205.4	2,250.1	796.3	5,081.7
July	536.6	3,282.8	24.6	14.0	561.2	3,296.8	280.2	2,127.0	841.4	5,423.8
August	517.1	3,164.4	23.8	12.4	540.8	3,176.7	239.3	1,864.2	780.2	5,041.0
September	558.8	W	24.4	W	583.2	2,956.1	98.5	2,123.6	681.7	5,079.7
October	563.7	2,837.5	26.2	18.7	589.9	2,856.2	138.4	2,624.7	728.3	5,480.9
November	498.8	W	39.5	W	538.3	3,113.7	198.0	2,713.1	736.3	5,826.9
December	429.1	W	24.9	W	454.1	2,894.6	234.1	3,614.6	688.1	6,509.2
1998 Average	503.8	2,756.1	48.9	27.6	552.6	2,783.6	218.7	2,706.4	771.4	5,490.0

See footnotes at end of table.

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

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
Subdistrict IC										
January	2,345.2	8,426.0	920.8	1,840.9	3,266.0	10,266.8	366.9	3,268.8	3,632.8	13,535.7
February	2,584.5	8,872.9	954.6	1,679.1	3,539.1	10,552.0	387.7	3,368.8	3,926.8	13,920.8
March	2,704.7	9,666.9	981.5	1,852.7	3,686.2	11,519.6	336.1	3,039.3	4,022.3	14,558.9
April	2,736.1	9,499.9	884.4	1,451.1	3,620.5	10,951.0	364.5	2,797.2	3,984.9	13,748.2
May	2,484.4	8,918.0	770.4	1,541.8	3,254.8	10,459.8	468.4	2,734.6	3,723.2	13,194.5
June	2,924.3	9,827.5	879.8	1,726.7	3,804.1	11,554.2	729.5	2,568.6	4,533.7	14,122.8
July	3,020.6	9,673.2	941.6	1,645.6	3,962.2	11,318.8	784.7	2,317.4	4,746.9	13,636.2
August	2,751.5	9,281.5	890.6	1,568.7	3,642.1	10,850.2	700.2	2,268.7	4,342.3	13,119.0
September	2,517.4	8,864.5	762.4	1,564.0	3,279.8	10,428.5	599.6	1,958.6	3,879.4	12,387.1
October	2,824.1	9,535.4	816.8	1,698.5	3,640.9	11,233.9	680.6	2,426.5	4,321.5	13,660.4
November	2,589.4	10,072.6	748.2	1,421.1	3,337.6	11,493.7	521.3	2,437.0	3,858.8	13,930.7
December	2,508.5	9,597.5	805.5	1,673.9	3,314.0	11,271.4	510.9	2,767.2	3,824.9	14,038.6
1998 Average	2,666.3	9,354.6	862.8	1,639.4	3,529.1	10,994.0	538.6	2,659.4	4,067.6	13,653.4
Florida										
January	905.7	2,226.2	288.5	571.0	1,194.2	2,797.2	26.5	527.0	1,220.7	3,324.2
February	1,040.0	2,378.1	319.5	530.7	1,359.5	2,908.9	31.3	577.9	1,390.8	3,486.8
March	1,007.3	2,488.3	308.3	596.9	1,315.5	3,085.2	19.7	546.1	1,335.3	3,631.3
April	1,026.0	2,424.7	281.7	536.1	1,307.7	2,960.8	22.5	651.1	1,330.2	3,611.9
May	893.8	2,358.5	293.1	597.9	1,186.9	2,956.5	48.1	779.3	1,235.1	3,735.7
June	1,242.1	2,472.4	418.9	629.0	1,661.0	3,101.4	77.4	455.9	1,738.4	3,557.3
July	W	2,420.3	406.1	621.2	W	3,041.5	W	491.5	2,053.2	3,532.9
August	1,209.1	2,379.3	400.1	562.1	1,609.2	2,941.4	112.4	418.9	1,721.5	3,360.3
September	1,003.8	2,193.8	227.5	477.3	1,231.3	2,671.1	74.1	418.6	1,305.4	3,089.7
October	1,093.7	2,496.1	301.5	549.9	1,395.3	3,045.9	76.7	488.3	1,472.0	3,534.3
November	1,019.9	2,438.8	284.7	503.9	1,304.6	2,942.8	79.7	506.2	1,384.4	3,449.0
December	959.3	2,434.0	282.3	572.6	1,241.5	3,006.6	36.5	496.1	1,278.0	3,502.7
1998 Average	1,069.5	2,392.8	317.8	562.9	1,387.3	2,955.7	68.8	529.6	1,456.1	3,485.3
Georgia										
January	612.2	1,687.8	140.0	228.0	752.3	1,915.8	27.2	386.1	779.5	2,301.9
February	658.0	1,818.9	153.8	220.5	811.8	2,039.4	53.4	404.4	865.2	2,443.8
March	696.0	2,128.6	150.5	298.0	846.5	2,426.6	35.1	423.8	881.5	2,850.4
April	693.1	1,994.4	153.7	291.9	846.8	2,286.3	34.5	459.8	881.3	2,746.1
May	658.3	1,946.0	132.0	306.6	790.3	2,252.6	40.5	482.9	830.8	2,735.5
June	697.4	2,124.1	143.0	353.0	840.4	2,477.1	59.6	768.3	900.0	3,245.4
July	676.2	2,178.1	223.7	372.8	899.9	2,550.9	59.5	540.2	959.3	3,091.1
August	632.2	1,935.4	161.8	331.7	794.0	2,267.0	34.5	614.9	828.6	2,881.9
September	668.8	1,921.7	176.3	355.9	845.1	2,277.5	53.7	253.0	898.8	2,530.5
October	745.9	2,034.4	172.0	331.1	917.9	2,365.5	34.7	379.1	952.6	2,744.6
November	694.0	2,263.2	140.8	251.1	834.8	2,514.3	30.4	272.4	865.3	2,786.7
December	675.0	2,072.0	165.4	270.9	840.4	2,342.9	39.5	296.5	879.8	2,639.4
1998 Average	675.6	2,009.5	159.5	301.5	835.1	2,311.0	41.8	440.4	876.9	2,751.4
North Carolina										
January	283.8	1,692.7	161.7	558.8	445.5	2,251.5	149.7	661.0	595.2	2,912.5
February	333.8	1,760.4	134.2	459.1	468.0	2,219.5	129.9	688.5	597.9	2,908.0
March	342.9	1,909.7	156.1	461.1	499.1	2,370.9	150.7	608.3	649.8	2,979.2
April	334.4	1,990.7	95.5	316.9	429.9	2,307.6	NA	477.5	527.2	2,785.1
May	334.4	1,778.9	106.3	304.4	440.7	2,083.3	138.6	477.4	579.3	2,560.7
June	346.5	2,010.3	101.5	344.3	448.0	2,354.6	191.2	458.5	639.2	2,813.1
July	319.6	1,959.7	102.9	315.6	422.5	2,275.4	164.8	426.5	587.3	2,701.8
August	370.6	1,908.0	98.1	336.8	468.7	2,244.8	201.7	402.4	670.4	2,647.2
September	312.0	1,763.7	125.0	333.7	437.0	2,097.5	160.1	398.9	597.2	2,496.4
October	401.7	1,906.6	123.5	433.1	525.2	2,339.7	130.0	500.9	655.2	2,840.6
November	341.3	2,171.6	124.4	348.2	465.7	2,519.8	103.7	501.3	569.4	3,021.1
December	338.0	1,940.6	124.2	441.9	462.2	2,382.5	152.6	630.0	614.8	3,012.5
1998 Average	338.3	1,899.6	121.1	387.8	459.4	2,287.4	147.8	518.5	607.2	2,806.0

See footnotes at end of table.

**Table 46. Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes
by PAD District and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
South Carolina										
January	W	797.5	W	127.5	272.8	925.0	11.6	281.4	284.5	1,206.4
February	233.8	835.8	W	121.8	W	957.5	W	320.9	295.8	1,278.5
March	293.1	993.5	W	145.3	W	1,138.8	W	285.3	373.2	1,424.1
April	297.0	W	W	W	W	1,009.2	W	219.7	382.6	1,228.9
May	257.4	W	W	W	W	1,043.6	W	228.1	333.8	1,271.7
June	293.4	W	W	W	W	1,124.6	W	222.7	402.7	1,347.3
July	W	999.0	W	111.6	316.7	1,110.6	47.6	231.1	364.3	1,341.7
August	259.0	987.2	W	124.2	W	1,111.4	W	186.0	350.4	1,297.4
September	241.8	962.2	W	121.1	W	1,083.2	W	199.0	337.7	1,282.3
October	272.3	971.7	W	121.4	W	1,093.1	W	216.9	429.1	1,310.1
November	252.9	1,058.5	W	119.5	W	1,178.0	W	202.1	337.0	1,380.1
December	258.8	944.7	W	143.1	W	1,087.8	W	237.2	344.7	1,325.0
1998 Average	W	944.3	W	128.3	306.1	1,072.6	47.3	235.4	353.3	1,308.0
Virginia										
January	232.7	1,677.2	158.8	288.3	391.6	1,965.5	105.4	1,181.8	497.0	3,147.4
February	226.4	1,749.0	168.6	271.8	395.0	2,020.8	72.3	1,185.8	467.3	3,206.6
March	271.5	1,832.3	189.4	272.2	460.9	2,104.5	57.3	976.6	518.2	3,081.1
April	290.2	1,859.8	155.3	145.3	445.4	2,005.2	95.7	789.6	541.1	2,794.8
May	259.1	1,742.5	159.0	160.0	418.1	1,902.5	71.3	601.7	489.4	2,504.2
June	262.3	1,990.2	127.0	165.4	389.3	2,155.5	152.2	511.4	541.5	2,666.9
July	234.5	1,905.3	147.6	174.7	382.1	2,080.0	151.1	488.8	533.2	2,568.7
August	203.9	1,865.7	143.7	144.5	347.6	2,010.2	127.2	477.3	474.8	2,487.5
September	210.9	1,793.9	141.9	193.6	352.8	1,987.5	168.9	536.3	521.7	2,523.8
October	225.8	1,877.2	154.4	181.1	380.2	2,058.3	135.6	671.5	515.7	2,729.8
November	204.4	1,957.6	134.4	155.8	338.8	2,113.4	107.7	825.4	446.5	2,938.8
December	205.3	1,972.4	152.6	178.6	357.9	2,150.9	109.5	968.6	467.5	3,119.5
1998 Average	235.6	1,852.2	152.7	194.0	388.3	2,046.2	113.0	765.6	501.3	2,811.8
West Virginia										
January	W	344.5	W	67.3	209.6	411.7	46.4	231.6	256.0	643.3
February	92.6	330.6	W	75.2	W	405.9	W	191.3	309.9	597.1
March	93.9	314.5	W	79.1	W	393.5	W	199.2	264.4	592.8
April	95.5	W	W	W	W	381.9	W	199.5	322.6	581.3
May	81.5	W	W	W	W	221.4	W	165.4	254.9	386.7
June	82.6	W	W	W	W	340.9	W	151.9	311.8	492.8
July	79.4	210.9	W	49.5	W	260.5	W	139.4	249.5	399.8
August	76.7	206.1	W	69.4	W	275.5	W	169.3	296.6	444.8
September	80.1	229.3	W	82.4	W	311.7	W	152.7	218.7	464.4
October	84.6	249.4	W	81.9	W	331.3	W	169.7	296.9	501.1
November	76.8	182.8	W	42.6	W	225.4	W	129.6	256.2	355.0
December	72.2	233.8	W	66.9	W	300.7	W	138.8	240.2	439.5
1998 Average	W	256.1	W	64.9	152.8	321.1	120.0	169.8	272.8	490.9
PAD District II										
January	4,994.9	21,700.4	2,288.3	2,687.2	7,283.2	24,387.5	1,677.2	7,226.1	8,960.4	31,613.6
February	5,274.0	21,879.4	2,593.9	2,468.5	7,867.9	24,347.9	1,486.5	6,635.9	9,354.4	30,983.8
March	5,540.9	23,105.7	2,344.0	2,411.3	7,884.9	25,517.0	1,153.6	6,731.6	9,038.5	32,248.6
April	5,478.5	22,917.9	2,284.1	2,615.4	7,762.5	25,533.3	1,165.2	6,659.2	8,927.8	32,192.5
May	4,936.5	22,769.0	1,815.4	2,815.5	6,751.9	25,584.5	1,996.1	7,764.9	8,747.9	33,349.4
June	5,635.1	27,046.8	2,226.3	2,821.7	7,861.4	29,868.5	2,295.1	5,376.9	10,156.5	35,245.4
July	5,758.3	25,766.8	2,063.0	2,887.0	7,821.3	28,653.8	1,604.6	5,281.6	9,425.9	33,935.4
August	5,397.9	24,590.2	2,085.5	2,545.7	7,483.4	27,135.9	1,940.7	5,201.8	9,424.1	32,337.8
September	6,125.0	26,297.2	2,640.1	3,074.4	8,765.1	29,371.6	1,639.5	5,170.7	10,404.7	34,542.3
October	5,747.4	27,069.7	2,299.4	3,014.2	8,046.7	30,083.9	1,722.0	5,771.7	9,768.7	35,855.5
November	5,333.1	23,524.8	2,482.7	2,570.2	7,815.8	26,095.0	1,640.7	5,176.8	9,456.5	31,271.8
December	5,239.5	23,019.9	2,313.9	2,667.6	7,553.4	25,687.5	1,617.1	5,580.1	9,170.5	31,267.5
1998 Average	5,454.5	24,150.4	2,282.5	2,716.3	7,737.0	26,866.7	1,662.7	6,048.2	9,399.7	32,914.9

See footnotes at end of table.

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

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
Illinois										
January	535.0	2,115.0	54.1	201.9	589.1	2,316.9	199.5	1,576.6	788.5	3,893.5
February	566.1	1,769.6	62.9	239.4	629.0	2,009.0	191.4	1,271.1	820.4	3,280.2
March	548.8	2,632.8	116.9	127.5	665.7	2,760.3	211.0	1,581.9	876.7	4,342.2
April	592.7	1,762.0	115.3	183.9	708.0	1,945.9	NA	1,431.1	890.9	3,377.1
May	545.5	2,429.5	142.5	198.2	687.9	2,627.6	NA	1,537.3	945.3	4,164.9
June	732.4	3,193.2	163.1	151.2	895.5	3,344.4	NA	1,497.9	1,195.3	4,842.3
July	727.8	3,080.2	142.2	175.1	870.0	3,255.3	NA	1,481.0	1,085.3	4,736.3
August	609.8	2,838.5	172.3	124.9	782.1	2,963.4	351.2	1,416.2	1,133.3	4,379.6
September	936.1	2,883.0	118.1	167.4	1,054.2	3,050.3	NA	1,040.8	1,376.1	4,091.1
October	676.9	3,137.3	137.3	218.4	814.3	3,355.7	NA	1,372.9	1,122.3	4,728.6
November	618.0	2,649.7	101.3	134.1	719.3	2,783.8	NA	1,260.8	1,006.9	4,044.7
December	W	2,379.4	W	212.3	735.9	2,591.7	NA	1,306.1	1,020.3	3,897.8
1998 Average	639.0	2,578.6	123.8	177.6	762.8	2,756.1	259.6	1,399.8	1,022.4	4,156.0
Indiana										
January	913.6	1,962.7	204.3	140.1	1,117.9	2,102.8	397.5	745.8	1,515.5	2,848.6
February	951.0	1,906.1	W	159.1	W	2,065.3	W	769.3	1,340.1	2,834.6
March	943.3	1,982.3	W	216.0	W	2,198.3	W	745.2	1,151.3	2,943.5
April	957.5	2,037.9	78.3	228.3	1,035.8	2,266.2	NA	793.1	1,153.8	3,059.3
May	838.5	1,769.7	W	365.6	W	2,135.4	W	948.1	1,108.9	3,083.5
June	993.9	2,145.7	W	239.8	W	2,385.5	W	554.1	1,290.3	2,939.6
July	1,018.8	2,248.0	W	207.1	W	2,455.1	W	387.4	1,168.3	2,842.4
August	976.1	2,106.8	W	219.0	W	2,325.8	W	495.2	1,193.8	2,821.0
September	1,074.0	2,554.5	W	303.1	W	2,857.7	W	484.3	1,333.3	3,342.0
October	1,017.3	2,526.9	W	386.0	W	2,912.9	W	472.9	1,240.8	3,385.8
November	942.4	2,231.9	W	270.8	W	2,502.7	W	412.7	1,154.3	2,915.4
December	914.4	2,254.2	W	153.9	W	2,408.1	W	428.5	1,106.7	2,836.5
1998 Average	961.5	2,144.8	70.6	241.2	1,032.1	2,386.0	196.7	602.1	1,228.8	2,988.1
Iowa										
January	138.6	1,318.4	W	34.8	W	1,353.1	W	155.4	221.5	1,508.5
February	139.7	1,378.3	W	43.1	W	1,421.4	W	133.5	179.3	1,554.9
March	134.3	1,472.6	W	30.4	W	1,503.0	W	151.4	153.6	1,654.4
April	NA	1,707.8	W	54.9	W	1,762.7	W	180.3	172.8	1,943.0
May	W	1,598.1	W	59.3	NA	1,657.4	79.3	277.9	205.4	1,935.2
June	W	1,631.6	W	81.6	NA	1,713.2	NA	143.7	176.3	1,856.9
July	W	1,485.6	W	128.2	NA	1,613.7	NA	107.6	NA	1,721.3
August	W	1,415.9	W	74.7	NA	1,490.7	NA	114.8	153.4	1,605.5
September	W	1,730.2	10.5	102.1	W	1,832.2	W	214.8	170.4	2,047.0
October	W	1,865.1	7.1	99.0	W	1,964.1	W	248.8	W	2,212.9
November	127.0	1,433.7	W	95.8	W	1,529.5	W	180.7	NA	1,710.2
December	W	1,324.1	10.6	56.6	W	1,380.6	W	162.1	148.5	1,542.7
1998 Average	130.4	1,530.3	13.4	71.8	143.7	1,602.1	28.4	172.8	172.2	1,774.9
Kansas										
January	133.0	1,431.4	W	316.4	W	1,747.7	W	65.5	314.4	1,813.2
February	145.0	1,633.1	W	129.4	W	1,762.5	W	90.4	295.7	1,852.9
March	130.8	1,640.2	W	119.2	W	1,759.4	W	144.4	349.8	1,903.8
April	W	1,612.3	W	144.9	254.3	1,757.2	NA	241.4	260.1	1,998.6
May	W	1,850.7	W	149.7	245.2	2,000.5	NA	236.4	252.1	2,236.8
June	W	2,322.8	W	227.2	309.5	2,550.0	NA	86.8	318.6	2,636.8
July	W	1,824.1	W	166.2	283.9	1,990.3	NA	194.7	290.5	2,185.0
August	139.7	1,697.8	W	118.6	W	1,816.4	W	129.8	250.4	1,946.1
September	171.8	1,885.1	W	156.4	W	2,041.5	W	117.9	280.3	2,159.4
October	194.0	1,911.9	W	84.9	W	1,996.7	W	138.0	321.8	2,134.7
November	W	1,418.4	W	103.0	289.0	1,521.4	NA	119.4	299.4	1,640.8
December	147.0	1,300.8	W	69.3	W	1,370.1	W	119.9	239.7	1,490.0
1998 Average	141.3	1,710.3	W	148.8	W	1,859.1	W	140.8	289.3	1,999.9

See footnotes at end of table.

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

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
Kentucky										
January	309.0	974.7	332.1	231.5	641.1	1,206.2	57.2	537.3	698.3	1,743.5
February	310.7	965.7	299.9	268.1	610.6	1,233.8	40.2	442.9	650.8	1,676.7
March	362.1	1,012.3	295.3	244.1	657.4	1,256.4	49.9	458.2	707.3	1,714.5
April	349.0	982.0	256.4	262.0	605.4	1,244.0	94.4	486.5	699.7	1,730.5
May	394.8	558.8	79.5	W	474.4	W	174.7	W	649.1	1,822.1
June	358.2	1,242.8	W	304.8	W	1,547.7	W	354.0	741.8	1,901.7
July	479.8	1,225.0	91.0	264.0	570.7	1,489.0	130.4	403.2	701.1	1,892.2
August	337.9	1,120.9	94.2	209.4	432.1	1,330.3	226.5	414.1	658.6	1,744.4
September	343.7	1,192.9	92.6	228.0	436.3	1,420.8	265.2	483.1	701.6	1,904.0
October	357.7	1,142.3	W	210.1	W	1,352.4	W	475.6	731.1	1,828.0
November	334.0	1,161.9	W	184.8	W	1,346.7	W	410.3	717.1	1,757.0
December	344.7	1,015.6	W	188.8	W	1,204.4	W	379.9	680.7	1,584.3
1998 Average	357.3	1,049.2	152.5	237.9	509.8	1,287.1	185.1	488.1	694.9	1,775.2
Michigan										
January	453.7	1,603.2	107.2	187.6	560.9	1,790.8	44.0	689.8	604.9	2,480.6
February	481.5	W	136.4	W	617.9	1,677.9	37.1	753.8	655.0	2,431.8
March	509.6	W	127.4	W	637.0	1,700.3	52.9	705.9	690.0	2,406.2
April	526.5	W	160.8	W	687.4	1,893.6	NA	650.7	734.3	2,544.3
May	410.3	W	W	W	W	1,781.4	W	784.3	675.3	2,565.6
June	526.0	W	145.3	W	671.3	2,310.7	98.0	454.3	769.3	2,765.0
July	514.0	W	126.5	W	640.5	2,209.1	56.2	435.5	696.7	2,644.5
August	515.6	1,532.7	104.7	44.6	620.4	1,577.4	78.1	415.8	698.5	1,993.2
September	541.5	1,656.6	132.3	52.9	673.8	1,709.6	62.1	451.7	735.9	2,161.3
October	550.5	1,739.0	125.9	45.2	676.4	1,784.2	49.6	492.7	725.9	2,276.9
November	541.5	1,829.2	W	162.6	W	1,991.8	W	446.8	729.0	2,438.6
December	W	1,770.8	W	194.2	599.5	1,965.0	61.8	470.7	661.3	2,435.7
1998 Average	503.5	1,727.7	129.9	138.6	633.3	1,866.3	64.6	561.8	697.9	2,428.1
Minnesota										
January	134.9	926.0	5.8	202.1	140.7	1,128.1	148.8	512.2	289.5	1,640.3
February	128.0	1,106.5	W	164.8	W	1,271.2	W	388.5	334.0	1,659.8
March	131.1	992.3	15.2	196.0	146.3	1,188.3	169.6	288.9	315.9	1,477.1
April	142.5	1,395.7	31.9	171.5	174.4	1,567.2	NA	378.7	324.4	1,945.9
May	153.1	1,107.9	3.7	207.1	156.8	1,314.9	NA	507.3	364.0	1,822.2
June	W	1,294.2	W	186.7	173.3	1,480.9	NA	282.9	428.1	1,763.8
July	W	1,444.0	W	187.9	190.1	1,632.0	NA	322.6	383.5	1,954.5
August	W	1,351.6	W	245.3	164.1	1,596.9	NA	278.3	397.6	1,875.2
September	W	1,619.8	W	333.1	168.4	1,952.9	NA	341.0	371.1	2,293.9
October	158.9	1,719.8	3.0	238.8	161.9	1,958.7	NA	396.1	391.9	2,354.8
November	W	1,118.8	W	233.0	238.9	1,351.8	NA	411.0	466.4	1,762.8
December	W	973.2	W	215.9	276.1	1,189.1	NA	410.0	499.1	1,599.1
1998 Average	153.7	1,254.2	23.2	215.4	176.9	1,469.7	203.7	376.6	380.7	1,846.3
Missouri										
January	162.0	1,519.7	W	91.0	W	1,610.6	W	99.1	199.2	1,709.7
February	168.2	1,692.2	W	125.6	W	1,817.8	W	120.4	202.3	1,938.2
March	W	1,734.8	15.8	111.6	W	1,846.5	W	85.8	200.8	1,932.3
April	171.9	1,756.0	23.7	115.6	195.6	1,871.7	NA	100.9	215.7	1,972.5
May	159.8	1,725.5	W	104.6	W	1,830.1	W	138.4	204.3	1,968.5
June	W	1,916.3	19.5	115.3	W	2,031.6	W	150.7	244.1	2,182.4
July	210.9	1,707.8	W	128.4	W	1,836.2	W	180.8	252.1	2,017.0
August	204.6	1,640.8	W	132.9	W	1,773.7	W	114.6	251.9	1,888.3
September	237.3	1,786.3	W	142.2	W	1,928.5	W	117.4	285.6	2,045.9
October	W	1,898.7	29.9	107.8	W	2,006.5	W	106.1	258.3	2,112.6
November	153.1	1,868.6	17.2	78.6	170.3	1,947.3	NA	121.3	NA	2,068.6
December	186.7	1,806.2	NA	133.8	200.3	1,939.9	NA	123.6	230.6	2,063.6
1998 Average	183.5	1,754.1	W	115.6	W	1,869.6	W	121.6	229.1	1,991.2

See footnotes at end of table.

**Table 46. Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes
by PAD District and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
Nebraska										
January	22.9	710.8	W	109.4	W	820.2	W	59.2	209.8	879.4
February	27.1	696.5	W	63.5	W	760.0	W	41.1	194.9	801.1
March	27.5	805.8	W	83.2	W	889.0	W	50.1	176.6	939.0
April	W	1,150.4	W	152.4	181.3	1,302.9	NA	68.7	183.1	1,371.5
May	NA	1,047.1	W	149.3	W	1,196.4	W	142.9	176.3	1,339.2
June	W	1,157.4	W	176.2	213.1	1,333.6	NA	81.0	215.2	1,414.6
July	W	1,131.6	W	309.4	176.6	1,441.0	NA	98.0	178.0	1,539.1
August	W	996.8	W	217.7	173.9	1,214.5	NA	73.5	175.5	1,288.1
September	W	1,122.5	W	270.4	258.2	1,392.9	NA	92.4	259.8	1,485.3
October	29.2	1,139.4	NA	270.4	NA	1,409.8	NA	76.4	129.7	1,486.2
November	W	843.3	W	64.9	219.2	908.2	NA	50.6	220.6	958.8
December	W	840.4	W	118.1	115.1	958.5	NA	68.4	116.4	1,026.8
1998 Average	26.8	971.3	W	166.2	W	1,137.6	W	75.5	185.9	1,213.1
North Dakota										
January	W	466.8	—	64.3	W	531.1	W	129.7	182.3	660.8
February	W	488.1	—	71.9	W	560.0	W	91.4	160.4	651.5
March	W	527.1	W	63.8	16.5	590.9	W	86.1	W	677.0
April	33.0	654.8	NA	NA	33.2	718.0	NA	84.7	NA	802.7
May	15.8	577.6	NA	NA	15.9	642.4	W	142.9	W	785.3
June	28.5	532.4	W	NA	W	592.1	NA	59.2	W	651.3
July	29.0	609.1	NA	NA	29.0	673.2	NA	63.1	NA	736.3
August	W	631.2	—	NA	W	695.7	NA	NA	W	746.2
September	W	677.2	—	NA	W	749.0	NA	59.9	W	809.0
October	21.3	611.6	—	NA	21.3	678.3	W	73.3	W	751.6
November	34.2	370.2	—	NA	34.2	430.5	NA	76.0	NA	506.5
December	25.0	428.3	—	NA	25.0	497.0	W	77.8	W	574.7
1998 Average	26.2	548.2	W	NA	W	613.5	W	82.9	NA	696.5
Ohio										
January	W	1,862.9	W	264.5	1,663.7	2,127.4	143.5	1,252.2	1,807.2	3,379.6
February	W	1,963.0	W	261.2	1,818.4	2,224.2	155.6	1,209.3	1,974.0	3,433.5
March	1,455.4	2,114.8	506.4	272.1	1,961.8	2,386.9	56.0	1,161.8	2,017.9	3,548.7
April	W	2,116.9	W	249.4	1,910.2	2,366.3	47.0	986.4	1,957.2	3,352.7
May	1,279.0	2,265.2	W	269.4	W	2,534.5	W	780.9	1,895.6	3,315.5
June	1,377.4	2,213.8	W	229.9	W	2,443.7	W	730.5	2,065.7	3,174.1
July	1,268.7	2,124.9	W	209.5	W	2,334.4	W	761.0	1,969.7	3,095.4
August	1,294.5	2,072.6	W	204.5	W	2,277.1	W	921.1	1,991.0	3,198.2
September	1,372.9	2,067.1	W	288.2	W	2,355.3	W	922.9	2,083.9	3,278.2
October	1,334.6	2,177.1	W	379.9	W	2,557.0	W	947.8	2,071.4	3,504.8
November	1,249.6	1,981.3	W	305.3	W	2,286.6	W	828.4	1,930.8	3,115.0
December	1,265.7	2,204.5	W	279.6	W	2,484.1	W	941.5	1,996.4	3,425.5
1998 Average	1,330.2	2,098.1	468.8	267.8	1,799.0	2,366.0	180.8	952.5	1,979.8	3,318.5
Oklahoma										
January	145.9	3,366.5	W	262.1	W	3,628.5	W	95.6	1,090.2	3,724.1
February	167.3	2,876.6	W	215.3	W	3,091.9	W	121.8	1,378.5	3,213.7
March	267.0	2,647.3	W	188.0	W	2,835.2	W	73.9	1,083.9	2,909.2
April	W	1,825.9	600.8	187.6	W	2,013.5	W	175.3	952.3	2,188.8
May	64.7	2,149.1	W	196.4	W	2,345.5	W	104.9	942.3	2,450.4
June	75.3	W	W	254.5	W	W	W	W	1,191.5	3,208.9
July	149.8	W	W	201.2	W	W	W	W	1,166.6	2,716.7
August	162.7	2,852.3	W	W	W	W	W	W	1,146.7	3,215.7
September	W	2,487.9	1,076.1	W	W	W	W	W	1,320.7	2,848.3
October	W	2,650.2	924.0	266.3	W	2,916.5	W	75.4	1,140.8	2,991.9
November	W	2,552.9	958.8	204.9	W	2,757.8	W	79.6	1,171.6	2,837.4
December	W	2,798.6	870.0	215.0	W	3,013.6	W	150.0	1,091.6	3,163.6
1998 Average	W	2,610.1	731.6	232.0	W	2,842.2	W	113.4	1,137.6	2,955.6

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				
South Dakota										
January	W	387.0	—	7.8	W	394.8	W	40.2	26.4	435.0
February	W	W	W	W	W	425.4	W	25.6	20.6	451.0
March	W	W	—	W	W	513.5	W	26.9	W	540.4
April	17.0	W	NA	W	17.0	669.6	NA	NA	18.3	701.0
May	19.7	W	W	W	W	W	W	W	W	661.2
June	W	572.6	—	W	W	W	W	W	W	619.2
July	19.8	598.1	—	W	19.8	W	NA	W	21.7	693.4
August	W	539.2	—	W	W	W	W	W	W	574.2
September	W	635.0	—	W	W	W	W	W	W	674.5
October	W	662.6	—	8.9	W	671.5	W	32.4	15.4	703.9
November	W	480.4	—	13.4	W	493.8	W	NA	11.3	519.3
December	15.1	498.0	—	15.8	15.1	513.8	NA	NA	W	539.7
1998 Average	W	548.2	W	15.9	17.7	564.0	NA	29.5	19.3	593.5
Tennessee										
January	506.3	1,738.0	223.2	286.4	729.5	2,024.3	19.4	519.3	748.8	2,543.6
February	559.1	2,038.6	320.6	346.4	879.8	2,385.0	19.6	574.1	899.4	2,959.1
March	566.9	1,919.2	227.2	389.3	794.1	2,308.5	22.3	473.6	816.4	2,782.1
April	612.5	1,864.4	247.5	414.0	860.0	2,278.5	24.0	561.3	884.0	2,839.8
May	577.5	1,825.5	183.0	456.9	760.5	2,282.5	61.2	646.3	821.6	2,928.7
June	604.7	2,264.5	245.9	434.9	850.6	2,699.5	28.1	296.2	878.6	2,995.7
July	574.8	2,123.2	232.7	455.1	807.6	2,578.3	NA	255.2	827.6	2,833.5
August	552.5	2,114.1	W	419.5	W	2,533.5	W	299.1	841.1	2,832.6
September	616.3	2,274.7	265.7	432.5	882.0	2,707.2	NA	282.3	905.7	2,989.5
October	626.9	2,234.9	W	443.9	W	2,678.8	W	325.4	878.8	3,004.2
November	579.2	2,198.2	227.0	455.0	806.2	2,653.2	NA	243.4	824.9	2,896.6
December	597.2	2,113.7	233.0	450.3	830.2	2,564.0	NA	271.9	847.5	2,835.9
1998 Average	581.1	2,058.2	241.6	415.7	822.7	2,474.0	24.5	394.7	847.2	2,868.7
Wisconsin										
January	W	1,317.5	W	287.4	246.1	1,604.9	18.0	748.2	264.0	2,353.1
February	226.5	1,415.9	W	226.7	W	1,642.5	W	602.5	249.1	2,245.1
March	W	1,569.8	W	210.9	271.5	1,780.7	33.0	697.6	304.5	2,478.3
April	W	1,658.5	W	217.4	281.4	1,876.0	NA	488.8	300.2	2,364.7
May	W	1,643.3	W	152.6	249.8	1,795.9	46.8	474.5	296.6	2,270.3
June	W	1,676.7	W	171.1	308.5	1,847.8	67.3	445.3	375.8	2,293.1
July	W	1,758.5	W	147.3	275.5	1,905.8	55.5	421.9	331.0	2,327.7
August	W	1,678.8	W	176.2	266.0	1,854.9	NA	374.5	291.3	2,229.4
September	W	1,724.3	W	202.3	283.8	1,926.7	NA	486.3	311.5	2,412.9
October	W	1,652.7	W	187.9	310.9	1,840.6	NA	537.9	338.7	2,378.5
November	W	1,386.3	W	203.6	286.5	1,589.9	NA	510.2	313.9	2,100.1
December	W	1,312.3	W	295.3	263.7	1,607.5	NA	644.0	290.4	2,251.5
1998 Average	W	1,566.9	W	206.5	272.9	1,773.4	32.9	536.0	305.8	2,309.4
PAD District III										
January	1,530.7	17,693.1	1,912.8	7,340.4	3,443.5	25,033.5	382.9	3,403.6	3,826.4	28,437.1
February	1,667.4	17,032.7	1,923.1	6,129.9	3,590.5	23,162.6	389.4	3,260.2	3,980.0	26,422.8
March	1,746.5	17,933.5	2,423.4	6,762.4	4,170.0	24,695.9	278.2	3,929.1	4,448.2	28,625.0
April	1,402.4	18,156.2	1,798.8	6,392.2	3,201.2	24,548.4	163.8	5,329.8	3,365.0	29,878.2
May	1,300.5	17,650.4	1,925.0	6,764.1	3,225.5	24,414.5	184.4	6,464.3	3,409.9	30,878.8
June	1,533.3	19,824.9	1,699.0	7,086.7	3,232.2	26,911.6	183.4	4,304.1	3,415.6	31,215.7
July	1,586.1	21,225.5	2,001.4	8,401.6	3,587.5	29,627.2	202.3	5,080.0	3,789.7	34,707.1
August	1,568.9	19,902.1	1,893.8	6,597.0	3,462.7	26,499.1	170.9	4,842.6	3,633.6	31,341.7
September	1,574.3	20,414.6	1,831.5	5,874.4	3,405.8	26,289.0	174.6	3,514.0	3,580.4	29,802.9
October	1,694.6	21,545.8	1,937.0	5,709.4	3,631.6	27,255.1	190.9	4,748.9	3,822.5	32,004.0
November	1,572.2	20,285.6	1,769.8	6,161.7	3,342.0	26,447.3	186.2	3,579.3	3,528.2	30,026.6
December	1,598.5	21,703.2	2,019.4	7,067.0	3,617.8	28,770.2	170.2	3,969.8	3,788.0	32,740.1
1998 Average	1,564.2	19,464.7	1,929.6	6,698.6	3,493.9	26,163.3	222.2	4,380.0	3,716.1	30,543.2

See footnotes at end of table.

**Table 46. Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes
by PAD District and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
Alabama										
January	169.8	1,051.1	103.5	320.4	273.4	1,371.5	36.8	307.7	310.2	1,679.1
February	182.9	1,136.8	115.3	343.4	298.2	1,480.1	42.1	345.1	340.4	1,825.3
March	200.9	1,201.5	112.9	271.3	313.8	1,472.8	38.2	353.2	352.0	1,826.0
April	184.5	1,199.6	112.0	167.5	296.5	1,367.1	26.7	386.2	323.2	1,753.3
May	169.9	1,144.5	109.9	195.6	279.8	1,340.1	41.3	356.2	321.2	1,696.3
June	182.4	1,321.2	125.2	181.7	307.6	1,502.9	41.0	314.2	348.6	1,817.1
July	185.6	1,292.6	127.7	164.2	313.3	1,456.8	43.7	261.2	357.1	1,718.1
August	193.1	1,261.7	147.0	175.7	340.1	1,437.4	27.7	260.9	367.7	1,698.4
September	196.8	1,242.4	206.3	171.7	403.1	1,414.1	38.4	248.1	441.5	1,662.2
October	214.3	1,339.3	184.9	168.6	399.2	1,507.9	43.8	296.6	443.0	1,804.5
November	210.4	1,178.3	149.9	144.4	360.3	1,322.6	42.7	255.8	403.0	1,578.5
December	219.1	1,177.0	178.2	W	397.3	W	24.9	W	422.2	1,549.4
1998 Average	192.5	1,212.5	139.5	203.2	332.1	1,415.7	37.2	300.9	369.3	1,716.6
Arkansas										
January	157.3	1,188.5	W	402.2	W	1,590.7	W	104.3	172.9	1,695.0
February	179.8	1,203.4	W	402.1	W	1,605.6	W	93.4	191.8	1,698.9
March	197.3	1,320.9	W	606.0	W	1,926.9	W	84.5	215.2	2,011.4
April	137.6	1,290.1	W	598.9	W	1,889.0	W	NA	152.0	1,989.7
May	120.4	1,241.2	W	733.4	W	1,974.6	W	NA	133.8	2,092.1
June	W	1,441.4	19.1	963.0	W	2,404.4	W	NA	W	2,504.0
July	176.3	1,316.5	W	814.4	W	2,130.9	W	133.9	188.6	2,264.8
August	185.3	1,274.7	W	756.4	W	2,031.1	W	NA	208.0	2,124.4
September	197.1	1,259.6	W	609.2	W	1,868.8	W	NA	239.0	1,925.8
October	191.5	1,347.1	W	635.9	W	1,983.0	W	NA	242.6	2,054.0
November	191.2	1,331.2	W	482.8	W	1,813.9	W	NA	236.0	1,871.2
December	191.5	1,279.9	W	686.6	W	1,966.5	W	NA	247.1	2,025.3
1998 Average	172.5	1,291.5	W	642.6	W	1,934.1	W	89.4	199.4	2,023.5
Louisiana										
January	W	1,711.7	548.3	3,556.6	W	5,268.3	W	1,113.7	745.9	6,382.0
February	W	1,588.9	492.8	2,853.5	W	4,442.4	W	667.5	687.3	5,109.9
March	W	1,730.1	1,011.5	3,326.5	W	5,056.6	W	804.9	1,226.0	5,861.5
April	W	1,708.2	430.1	3,408.3	W	5,116.6	W	840.6	624.8	5,957.2
May	W	1,280.7	588.5	3,652.2	W	4,932.9	W	1,329.6	783.4	6,262.5
June	210.1	1,362.3	W	3,553.1	W	4,915.4	W	1,137.9	647.5	6,053.3
July	W	1,997.8	601.0	4,422.5	W	6,420.3	W	914.5	813.1	7,334.7
August	W	1,788.8	460.1	3,117.6	W	4,906.5	W	1,405.4	668.4	6,311.8
September	W	1,573.5	430.1	2,406.9	W	3,980.4	W	607.1	620.4	4,587.5
October	W	1,434.6	574.8	2,869.2	W	4,303.8	W	967.5	781.7	5,271.3
November	W	1,804.6	448.5	3,297.0	W	5,101.6	W	1,134.5	643.0	6,236.1
December	W	1,850.2	506.8	3,443.4	W	5,293.6	W	1,200.8	706.5	6,494.4
1998 Average	177.3	1,653.6	543.4	3,331.2	720.7	4,984.8	26.6	1,014.0	747.4	5,998.8
Mississippi										
January	117.8	1,195.3	W	788.5	W	1,983.8	W	83.9	186.5	2,067.7
February	139.0	1,105.3	W	383.5	W	1,488.8	W	112.9	227.5	1,601.7
March	151.2	1,069.5	W	540.9	W	1,610.4	W	941.9	236.2	2,552.3
April	W	1,116.1	37.3	504.5	W	1,620.6	W	614.9	229.7	2,235.4
May	W	1,212.9	39.0	939.5	W	2,152.5	W	442.8	227.7	2,595.3
June	142.9	1,287.0	W	640.8	W	1,927.8	W	187.4	226.4	2,115.2
July	125.4	1,285.5	W	523.3	W	1,808.7	W	154.5	211.0	1,963.2
August	132.8	1,279.7	W	536.7	W	1,816.4	W	166.8	214.6	1,983.2
September	W	1,391.5	W	503.2	W	1,894.7	W	205.2	204.6	2,099.9
October	W	1,272.0	W	399.9	W	1,671.9	W	164.3	229.9	1,836.2
November	143.6	1,136.3	W	344.2	W	1,480.5	W	98.4	209.2	1,578.8
December	127.5	1,212.8	W	393.6	W	1,606.4	W	235.3	199.0	1,841.6
1998 Average	W	1,214.3	W	543.3	W	1,757.7	W	285.5	216.8	2,043.2

See footnotes at end of table.

**Table 46. Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes
by PAD District and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
New Mexico										
January	W	712.9	W	83.4	144.4	796.3	—	—	144.4	796.3
February	W	789.9	W	78.3	161.7	868.2	—	—	161.7	868.2
March	W	822.6	W	84.3	157.7	906.9	—	—	157.7	906.9
April	W	824.0	W	103.7	139.3	927.7	—	—	139.3	927.7
May	W	829.1	W	82.9	105.9	912.0	—	—	105.9	912.0
June	W	836.7	—	88.6	W	925.3	—	—	W	925.3
July	102.3	889.1	—	74.5	102.3	963.6	—	—	102.3	963.6
August	W	904.8	W	94.1	110.5	998.9	—	—	110.5	998.9
September	109.7	835.2	—	98.5	109.7	933.7	—	—	109.7	933.7
October	117.4	911.2	—	99.7	117.4	1,010.8	—	—	117.4	1,010.8
November	W	833.4	W	78.1	112.4	911.5	—	—	112.4	911.5
December	113.1	839.3	—	67.4	113.1	906.7	—	—	113.1	906.7
1998 Average	W	836.1	W	86.1	122.4	922.2	—	—	122.4	922.2
Texas										
January	812.0	11,833.6	1,180.7	2,189.3	1,992.7	14,022.8	273.8	1,794.0	2,266.5	15,816.8
February	878.6	11,208.4	1,204.0	2,069.1	2,082.7	13,277.5	288.7	2,041.4	2,371.4	15,318.9
March	906.9	11,789.0	1,192.6	1,933.3	2,099.5	13,722.3	161.6	1,744.5	2,261.0	15,466.8
April	W	12,018.1	1,160.1	1,609.4	W	13,627.5	W	3,387.3	1,896.1	17,014.8
May	W	11,942.0	1,163.3	1,160.4	W	13,102.4	W	4,218.2	1,837.9	17,320.6
June	W	13,576.3	1,105.5	1,659.5	W	15,235.8	W	2,565.1	1,930.6	17,800.8
July	W	14,443.9	1,225.0	2,402.8	W	16,846.7	W	3,615.9	2,117.6	20,462.6
August	W	13,392.3	1,227.9	1,916.5	W	15,308.8	W	2,916.1	2,064.5	18,224.9
September	781.3	14,112.5	1,117.7	2,084.9	1,899.0	16,197.3	NA	2,396.5	1,965.1	18,593.8
October	846.9	15,241.5	1,083.7	1,536.1	1,930.6	16,777.6	NA	3,249.5	2,007.9	20,027.2
November	748.0	14,001.8	1,108.7	1,815.3	1,856.7	15,817.1	NA	2,033.3	1,924.6	17,850.4
December	W	15,344.0	1,257.3	W	W	W	W	W	2,100.1	19,922.6
1998 Average	778.7	13,256.6	1,169.1	1,892.2	1,947.8	15,148.8	113.0	2,690.1	2,060.8	17,838.9
PAD District IV										
January	751.8	3,088.1	W	W	W	W	W	W	1,435.7	3,424.3
February	770.8	3,311.9	W	W	W	W	W	W	1,391.6	3,710.5
March	880.4	3,306.4	W	W	W	W	W	W	1,450.8	3,636.8
April	784.9	3,781.5	354.8	W	1,139.6	W	NA	W	1,232.9	4,147.6
May	744.2	3,248.6	442.6	301.2	1,186.8	3,549.8	NA	NA	1,281.1	3,560.9
June	838.7	3,832.5	529.7	307.9	1,368.4	4,140.4	NA	NA	1,489.7	4,149.8
July	900.6	4,194.6	535.5	430.9	1,436.1	4,625.5	NA	NA	1,537.8	4,634.4
August	994.5	4,255.8	480.9	470.9	1,475.4	4,726.7	NA	NA	1,589.1	4,735.3
September	938.2	4,233.5	523.5	376.2	1,461.7	4,609.7	NA	NA	1,564.8	4,618.4
October	929.0	4,019.7	555.8	337.0	1,484.9	4,356.7	NA	NA	1,592.1	4,367.2
November	839.5	3,374.8	485.5	412.1	1,325.0	3,786.9	NA	NA	1,431.2	3,797.1
December	818.9	3,367.3	420.3	411.1	1,239.2	3,778.3	NA	NA	1,347.4	3,791.5
1998 Average	849.9	3,669.3	W	W	W	W	W	W	1,446.0	4,049.2
Colorado										
January	105.8	958.5	W	W	W	W	W	W	366.6	989.7
February	135.8	W	W	W	W	W	W	W	349.1	1,024.0
March	173.3	W	W	W	W	W	W	W	317.7	1,016.6
April	W	W	W	W	173.5	W	NA	W	174.1	1,003.3
May	W	W	W	W	205.7	994.1	NA	NA	206.2	1,005.3
June	W	W	W	W	260.1	1,150.3	NA	NA	260.6	1,159.8
July	W	W	W	W	314.0	1,304.1	NA	NA	314.5	1,312.9
August	W	W	W	W	295.1	1,378.9	NA	NA	295.6	1,387.5
September	W	1,320.9	W	12.6	340.0	1,333.5	NA	NA	340.6	1,342.1
October	W	1,283.9	W	9.8	332.8	1,293.6	NA	NA	333.4	1,304.1
November	W	W	W	W	287.1	1,177.0	NA	NA	287.6	1,187.1
December	W	W	W	W	257.9	1,139.5	NA	NA	258.4	1,152.7
1998 Average	127.6	W	W	W	W	W	W	W	291.9	1,158.0

See footnotes at end of table.

**Table 46. Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes
by PAD District and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
Idaho										
January	W	513.8	W	149.5	109.8	663.3	—	—	109.8	663.3
February	W	520.9	W	171.6	97.8	692.5	—	—	97.8	692.5
March	W	440.8	W	137.5	W	578.3	W	—	97.1	578.3
April	W	544.9	W	149.8	109.6	694.8	NA	—	111.5	694.8
May	W	429.2	W	113.6	156.8	542.8	NA	—	158.8	542.8
June	W	497.5	W	110.7	146.1	608.3	NA	—	148.8	608.3
July	W	596.2	W	168.9	100.7	765.1	NA	—	102.7	765.1
August	W	608.6	W	194.7	136.5	803.3	NA	—	138.9	803.3
September	W	598.9	W	173.9	109.0	772.8	NA	—	111.1	772.8
October	W	620.4	W	165.0	139.2	785.4	NA	—	141.5	785.4
November	W	518.5	W	114.5	93.1	633.0	NA	—	95.4	633.0
December	W	540.0	W	134.7	102.0	674.7	NA	—	104.4	674.7
1998 Average	W	535.9	W	148.6	W	684.5	W	—	118.3	684.5
Montana										
January	W	W	—	W	W	423.7	W	—	149.6	423.7
February	109.7	575.1	—	—	109.7	575.1	—	—	109.7	575.1
March	W	601.8	—	—	W	601.8	W	—	167.1	601.8
April	182.4	674.6	—	—	182.4	674.6	NA	—	182.7	674.6
May	139.9	614.7	—	—	139.9	614.7	NA	—	140.3	614.7
June	167.6	613.5	—	—	167.6	613.5	NA	—	168.0	613.5
July	141.9	W	—	W	141.9	722.4	NA	—	142.3	722.4
August	165.8	W	—	W	165.8	728.5	NA	—	166.2	728.5
September	161.2	W	—	W	161.2	655.2	NA	—	161.6	655.2
October	168.4	W	—	W	168.4	635.8	NA	—	168.8	635.8
November	128.4	481.9	—	—	128.4	481.9	NA	—	128.8	481.9
December	164.9	W	—	W	164.9	391.8	NA	—	165.2	391.8
1998 Average	W	593.1	—	0.2	W	593.3	W	—	154.5	593.3
Utah										
January	210.2	624.0	W	150.0	W	774.0	W	—	342.2	774.0
February	249.4	636.5	W	181.6	W	818.1	W	—	355.0	818.1
March	264.5	650.7	W	147.4	W	798.1	W	—	380.8	798.1
April	285.8	882.8	22.1	192.2	307.9	1,075.0	NA	—	398.4	1,075.0
May	280.9	558.3	23.7	160.2	304.6	718.5	NA	—	396.1	718.5
June	307.7	802.8	NA	164.2	333.8	966.9	NA	—	451.6	966.9
July	296.2	882.0	31.0	227.6	327.1	1,109.6	NA	—	425.8	1,109.6
August	331.5	828.9	NA	234.9	363.4	1,063.8	NA	—	473.8	1,063.8
September	305.4	826.6	30.2	174.0	335.6	1,000.6	NA	—	435.6	1,000.6
October	W	746.3	W	150.1	337.5	896.4	NA	—	441.5	896.4
November	W	722.2	W	124.3	292.0	846.5	NA	—	395.0	846.5
December	258.8	886.5	16.4	NA	275.2	1,018.3	NA	—	380.1	1,018.3
1998 Average	280.3	754.3	W	169.8	W	924.2	W	—	406.6	924.2
Wyoming										
January	W	W	W	W	467.5	573.5	—	—	467.5	573.5
February	W	W	W	W	480.0	600.8	—	—	480.0	600.8
March	W	W	W	W	488.1	641.9	—	—	488.1	641.9
April	W	W	W	W	366.2	699.9	—	—	366.2	699.9
May	W	W	W	W	379.7	679.7	—	—	379.7	679.7
June	W	W	W	W	460.7	801.3	—	—	460.7	801.3
July	W	713.0	W	11.3	552.5	724.3	—	—	552.5	724.3
August	W	W	W	W	514.5	752.1	—	—	514.5	752.1
September	W	W	W	W	515.9	847.6	—	—	515.9	847.6
October	W	W	W	W	506.9	745.6	—	—	506.9	745.6
November	W	W	W	W	524.4	648.5	—	—	524.4	648.5
December	W	W	W	W	439.2	554.0	—	—	439.2	554.0
1998 Average	W	W	W	W	474.7	689.2	—	—	474.7	689.2

See footnotes at end of table.

**Table 46. Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes
by PAD District and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
PAD District V										
January	1,827.0	11,218.7	W	W	W	W	W	W	3,391.8	13,805.4
February	1,860.5	11,480.8	W	W	W	W	W	W	3,116.5	13,482.3
March	1,897.3	13,210.0	W	W	W	W	W	W	3,423.5	15,589.6
April	1,632.3	10,933.3	1,098.8	W	2,731.1	W	207.4	W	2,938.4	13,592.6
May	1,732.1	11,229.1	1,348.5	2,188.3	3,080.6	13,417.4	105.9	253.6	3,186.5	13,671.0
June	1,837.0	12,925.1	1,339.5	2,208.3	3,176.5	15,133.5	159.5	254.0	3,336.1	15,387.5
July	2,034.6	13,846.2	1,394.5	2,448.3	3,429.0	16,294.5	173.3	276.5	3,602.3	16,571.0
August	2,059.2	13,601.8	1,260.7	2,189.5	3,319.9	15,791.3	146.7	259.5	3,466.6	16,050.8
September	2,121.2	13,825.0	1,374.9	2,126.8	3,496.1	15,951.8	161.7	442.6	3,657.8	16,394.4
October	2,347.7	13,460.4	981.9	2,171.0	3,329.6	15,631.4	99.1	381.3	3,428.7	16,012.7
November	1,875.6	12,431.9	696.7	1,905.4	2,572.3	14,337.3	96.4	280.1	2,668.7	14,617.4
December	2,057.6	11,677.3	934.6	1,886.9	2,992.3	13,564.2	109.5	282.9	3,101.8	13,847.1
1998 Average	1,941.6	12,494.4	W	W	W	W	W	W	3,279.3	14,929.4
Alaska										
January	W	W	W	W	144.2	W	100.8	251.1	244.9	402.2
February	W	W	W	W	255.6	W	83.4	123.3	339.0	326.3
March	W	NA	W	W	221.8	W	134.5	W	356.3	502.3
April	W	NA	W	W	119.9	W	202.1	W	322.0	768.0
May	W	W	124.9	W	W	W	102.6	W	237.5	446.0
June	W	—	81.1	W	W	W	154.5	241.4	246.9	516.3
July	W	W	130.1	W	W	W	167.7	W	309.6	613.0
August	W	W	W	W	143.6	W	W	W	277.3	563.3
September	W	W	W	W	206.9	W	W	W	361.5	665.9
October	W	W	W	W	257.3	W	W	177.9	353.8	405.9
November	W	W	W	W	74.1	W	W	234.6	167.7	449.9
December	W	W	W	W	157.8	W	W	250.6	264.3	457.7
1998 Average	W	W	151.3	W	W	W	W	266.3	289.8	510.3
Arizona										
January	W	W	W	W	391.7	1,087.9	—	—	391.7	1,087.9
February	W	W	W	W	389.0	1,093.9	—	—	389.0	1,093.9
March	W	W	W	W	414.8	1,116.2	—	—	414.8	1,116.2
April	W	W	W	W	339.8	828.5	—	—	339.8	828.5
May	W	W	W	W	341.8	864.8	—	—	341.8	864.8
June	W	W	W	W	378.1	938.6	—	—	378.1	938.6
July	W	W	W	W	409.9	1,088.6	—	—	409.9	1,088.6
August	241.9	W	116.6	W	358.5	929.1	—	—	358.5	929.1
September	W	W	W	W	362.1	999.5	—	—	362.1	999.5
October	W	W	W	W	405.1	1,069.6	—	—	405.1	1,069.6
November	W	W	W	W	381.2	1,003.0	—	—	381.2	1,003.0
December	W	W	W	W	345.1	993.5	—	—	345.1	993.5
1998 Average	W	W	W	W	376.4	1,001.0	—	—	376.4	1,001.0
California										
January	W	7,104.5	W	W	1,293.1	W	—	W	1,293.1	7,459.4
February	1,335.8	7,520.1	8.5	W	1,344.3	W	—	W	1,344.3	7,729.5
March	W	8,310.4	W	W	1,389.9	W	—	W	1,389.9	8,567.6
April	W	6,854.2	W	W	1,186.2	W	—	W	1,186.2	7,229.3
May	W	W	W	709.1	1,486.5	W	—	W	1,486.5	7,842.1
June	W	8,217.2	W	W	1,367.0	W	—	W	1,367.0	8,621.2
July	W	8,921.3	W	586.3	1,539.0	9,507.6	—	—	1,539.0	9,507.6
August	W	9,110.0	W	375.4	1,576.1	9,485.4	—	—	1,576.1	9,485.4
September	W	9,279.6	W	W	1,648.7	W	—	W	1,648.7	9,858.1
October	1,770.5	9,382.9	NA	W	1,773.3	W	—	W	1,773.3	10,078.6
November	1,405.2	8,296.1	—	W	1,405.2	W	—	W	1,405.2	8,964.6
December	W	8,355.2	W	409.3	1,570.8	8,764.5	—	—	1,570.8	8,764.5
1998 Average	1,448.2	8,213.0	18.5	W	1,466.7	W	—	W	1,466.7	8,683.5

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				
Hawaii										
January	W	51.5	W	76.0	W	127.5	—	—	W	127.5
February	W	71.5	W	75.4	W	146.9	—	—	W	146.9
March	43.4	W	W	W	W	139.3	—	—	W	139.3
April	41.6	49.1	W	86.0	W	135.1	—	—	W	135.1
May	39.8	47.3	W	87.1	W	134.4	—	—	W	134.4
June	42.6	50.3	W	87.6	W	137.8	—	—	W	137.8
July	41.5	66.6	W	89.7	W	156.3	—	—	W	156.3
August	37.6	50.8	W	88.1	W	138.9	—	—	W	138.9
September	40.6	56.5	W	90.6	W	147.1	—	—	W	147.1
October	42.2	86.1	W	96.9	W	183.1	—	—	W	183.1
November	38.9	50.5	W	92.0	W	142.5	—	—	W	142.5
December	W	49.5	W	80.5	W	129.9	—	—	W	129.9
1998 Average	40.8	57.2	320.0	86.0	360.8	143.2	—	—	360.8	143.2
Nevada										
January	W	W	W	W	80.8	514.5	—	—	W	514.5
February	W	W	W	W	72.3	495.1	—	—	W	495.1
March	W	W	W	W	85.1	622.6	—	—	W	622.6
April	W	W	W	W	50.3	429.3	—	—	50.3	429.3
May	W	W	W	W	51.1	387.0	—	—	W	387.0
June	W	W	W	W	91.8	501.3	—	—	W	501.3
July	W	W	W	W	90.3	579.9	—	—	W	579.9
August	W	506.6	W	6.0	85.1	512.5	—	—	W	512.5
September	W	576.0	W	4.8	82.7	580.8	—	—	W	580.8
October	W	592.7	W	5.0	91.3	597.7	—	—	W	597.7
November	W	W	W	W	100.0	546.8	—	—	100.0	546.8
December	W	539.8	W	W	82.6	W	—	W	W	544.9
1998 Average	38.8	517.6	41.5	W	80.3	W	—	W	80.3	526.4
Oregon										
January	W	1,080.6	W	618.2	328.4	1,698.8	—	—	328.4	1,698.8
February	W	737.9	W	432.1	311.1	1,170.0	—	—	311.1	1,170.0
March	W	1,172.0	W	561.0	256.5	1,733.0	—	—	256.5	1,733.0
April	43.6	961.9	W	506.4	W	1,468.3	—	—	W	1,468.3
May	W	1,079.5	W	350.3	278.0	1,429.8	—	—	278.0	1,429.8
June	W	1,245.7	W	495.4	295.3	1,741.1	—	—	295.3	1,741.1
July	W	1,137.9	W	439.8	265.9	1,577.7	—	—	265.9	1,577.7
August	W	1,042.7	W	524.5	174.9	1,567.2	—	—	174.9	1,567.2
September	47.4	1,051.9	NA	471.4	NA	1,523.4	—	—	267.1	1,523.4
October	55.3	806.4	NA	379.4	NA	1,185.7	—	—	187.7	1,185.7
November	W	1,001.4	W	341.9	72.7	1,343.3	—	—	W	1,343.3
December	W	633.3	W	W	234.0	W	—	W	234.0	1,007.5
1998 Average	W	997.3	W	W	242.8	W	—	W	242.8	1,455.5
Washington										
January	102.1	W	W	1,029.4	W	W	W	W	723.1	2,515.0
February	105.1	W	173.6	842.4	278.7	W	W	W	282.0	2,520.6
March	W	2,010.8	NA	W	W	W	W	W	510.3	2,908.6
April	114.6	1,878.0	340.3	W	454.9	W	5.2	W	460.1	2,734.0
May	101.8	1,763.5	333.4	796.9	435.3	2,560.5	3.2	NA	438.5	2,566.9
June	W	2,058.1	W	W	609.1	W	5.0	W	614.1	2,931.2
July	W	W	W	844.5	610.6	W	5.5	W	616.1	3,047.9
August	114.3	W	W	827.6	W	W	W	W	635.5	2,854.3
September	100.0	W	W	722.1	W	W	W	W	545.8	2,619.7
October	W	W	116.9	875.4	W	W	W	W	271.5	2,492.0
November	94.8	W	W	594.2	W	W	W	W	179.0	2,167.2
December	138.9	W	W	746.1	W	W	W	W	252.0	1,949.0
1998 Average	113.8	W	343.5	823.1	457.3	W	5.0	W	462.3	2,609.5

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Note: 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 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								
January	3,555.2	4,809.6	11,900.0	9,078.6	15,455.2	13,888.2	377.9	182.6
February	3,119.3	4,089.0	10,385.9	5,960.2	13,505.2	10,049.3	394.8	217.6
March	4,246.0	5,532.0	11,241.5	7,150.7	15,487.6	12,682.7	385.6	232.0
April	3,466.5	6,483.6	10,793.5	11,071.0	14,260.0	17,554.6	256.7	98.1
May	3,038.3	4,731.4	9,937.5	10,046.2	12,975.8	14,777.5	257.5	64.8
June	3,670.8	6,843.8	10,173.1	11,314.3	13,843.9	18,158.1	250.3	119.9
July	4,926.8	8,563.4	11,587.8	10,778.4	16,514.7	19,341.8	449.5	34.1
August	4,754.9	7,243.5	13,008.3	9,235.8	17,763.2	16,479.4	385.3	28.6
September	3,204.8	5,268.7	9,775.0	12,177.0	12,979.8	17,445.7	254.2	114.8
October	4,031.5	5,370.9	10,049.5	11,801.9	14,080.9	17,172.8	246.6	147.6
November	4,086.5	4,957.1	7,740.2	7,951.5	11,826.7	12,908.6	291.2	153.8
December	4,435.1	4,872.9	9,688.8	8,858.3	14,123.9	13,731.2	381.9	247.0
1998 Average	3,887.2	5,742.3	10,534.5	9,637.7	14,421.6	15,379.9	327.8	136.3
PAD District I								
January	2,514.5	W	6,286.8	W	8,801.3	6,624.9	W	174.3
February	2,360.5	2,514.3	4,906.8	446.8	7,267.3	2,961.1	W	196.6
March	3,213.9	W	5,916.3	W	9,130.2	5,723.2	W	210.4
April	2,214.4	5,294.2	5,318.2	3,681.5	7,532.6	8,975.7	W	74.4
May	1,975.7	W	3,963.0	W	5,938.7	6,309.0	W	39.7
June	2,908.4	4,185.7	5,075.9	3,330.7	7,984.4	7,516.4	W	36.8
July	3,282.6	5,603.3	5,851.7	5,122.1	9,134.3	10,725.5	W	25.9
August	3,969.1	4,958.5	8,053.3	3,742.4	12,022.4	8,700.9	W	25.0
September	2,149.5	3,454.5	4,371.3	5,160.3	6,520.8	8,614.8	W	34.7
October	2,862.2	4,282.0	4,596.0	5,570.5	7,458.2	9,852.5	W	51.9
November	2,930.4	3,598.8	4,423.4	2,547.7	7,353.8	6,146.4	W	136.7
December	3,377.8	3,575.5	6,407.2	4,336.6	9,785.0	7,912.1	W	163.3
1998 Average	2,819.8	4,039.3	5,442.1	3,499.9	8,261.9	7,539.2	W	97.0
Subdistrict IA								
January	W	W	W	W	W	W	W	W
February	W	W	W	W	W	W	W	W
March	W	W	W	W	W	W	W	W
April	W	W	W	W	W	W	W	W
May	W	W	W	W	W	W	W	W
June	W	W	W	W	W	W	W	W
July	W	W	W	W	W	W	W	W
August	W	W	W	W	W	W	W	W
September	W	W	W	W	W	W	W	W
October	W	W	W	W	W	W	W	W
November	W	W	W	W	W	W	W	W
December	W	W	W	W	W	W	W	W
1998 Average	W	W	W	W	W	1,848.6	W	W
Subdistrict IB								
January	W	3,308.5	W	1,583.1	4,663.8	4,891.6	W	162.5
February	W	2,224.8	W	204.6	3,767.4	2,429.4	W	183.0
March	2,648.8	W	2,927.6	W	5,576.4	3,821.8	W	196.8
April	W	3,510.6	W	747.9	4,336.5	4,258.6	W	66.1
May	W	1,961.3	W	637.3	4,263.7	2,598.6	W	33.9
June	2,601.1	1,754.5	2,487.4	1,275.7	5,088.6	3,030.2	W	31.3
July	2,983.2	2,431.1	3,293.2	1,646.6	6,276.4	4,077.7	W	21.8
August	3,501.1	2,289.9	4,860.7	767.8	8,361.8	3,057.6	W	22.0
September	1,968.0	W	2,185.0	W	4,153.0	3,280.1	W	W
October	2,286.0	1,448.3	1,983.5	1,935.2	4,269.5	3,383.5	W	46.2
November	2,780.8	2,193.2	2,011.0	873.7	4,791.8	3,067.0	W	124.1
December	2,949.9	1,863.8	2,511.4	1,393.2	5,461.3	3,256.9	W	151.6
1998 Average	2,443.2	2,338.9	2,657.2	1,098.9	5,100.4	3,437.9	W	88.9

See footnotes at end of table.

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

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		
Subdistrict IC								
January	157.9	W	W	W	W	W	W	W
February	99.5	W	W	W	W	W	W	W
March	W	W	W	W	W	W	18.3	W
April	376.0	W	W	W	W	W	W	W
May	51.7	W	W	W	W	W	W	W
June	W	W	W	W	W	W	W	W
July	W	W	W	W	W	W	W	W
August	W	W	W	W	W	W	W	W
September	W	W	W	1,797.3	W	W	W	—
October	W	W	W	W	W	W	W	W
November	W	W	W	W	W	W	10.4	W
December	W	W	W	W	W	W	W	W
1998 Average	W	W	W	W	W	2,252.7	W	W
PAD District II								
January	W	W	65.3	W	W	299.1	W	W
February	W	W	W	W	W	405.2	5.1	W
March	W	W	86.5	W	W	341.7	7.6	W
April	W	W	W	W	W	450.0	W	W
May	W	W	W	W	94.9	318.3	W	W
June	W	W	W	W	97.4	506.5	W	W
July	W	W	W	W	109.5	364.7	W	NA
August	W	W	W	W	55.3	W	W	W
September	W	W	W	255.4	30.3	W	W	—
October	W	W	W	W	W	268.0	W	W
November	W	W	W	W	W	323.7	W	W
December	W	W	W	W	87.5	W	7.4	W
1998 Average	W	W	W	W	77.2	366.5	6.3	W
PAD District III								
January	W	568.7	W	4,473.0	3,776.1	5,041.7	—	—
February	—	982.7	3,550.4	4,059.3	3,550.4	5,042.0	W	W
March	—	NA	3,704.9	4,177.1	3,704.9	5,262.5	—	NA
April	—	616.7	3,633.7	5,956.6	3,633.7	6,573.3	W	W
May	W	834.8	W	6,367.5	4,548.4	7,202.3	W	W
June	—	2,200.3	3,753.6	6,290.5	3,753.6	8,490.8	—	W
July	—	W	3,919.9	W	3,919.9	6,663.9	—	W
August	—	1,647.2	3,182.8	4,523.1	3,182.8	6,170.3	W	—
September	—	W	3,055.2	W	3,055.2	5,712.7	W	W
October	—	569.1	4,037.1	4,795.8	4,037.1	5,364.9	—	W
November	W	W	W	W	2,090.9	5,206.2	—	W
December	W	746.4	W	3,431.4	W	4,177.8	W	W
1998 Average	W	1,054.6	W	4,855.2	3,417.1	5,909.7	W	W
PAD District IV								
January	—	W	W	W	W	62.3	—	—
February	—	W	W	W	W	56.0	—	—
March	—	W	W	W	W	69.3	—	—
April	—	W	W	W	W	36.2	—	—
May	W	W	W	W	6.5	45.5	—	—
June	W	W	W	W	5.4	43.9	—	—
July	W	W	W	W	5.1	579.8	—	—
August	W	W	W	W	3.9	W	—	—
September	W	W	W	W	2.7	W	—	—
October	—	W	W	W	W	63.8	—	—
November	—	W	W	W	W	38.7	—	—
December	—	W	W	W	W	W	—	—
1998 Average	W	W	W	W	3.2	141.5	—	—

See footnotes at end of table.

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

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		
PAD District V								
January	W	500.3	W	1,359.8	2,792.5	1,860.2	W	W
February	W	486.7	W	1,098.2	2,612.0	1,584.9	W	W
March	W	437.6	W	848.4	2,557.9	1,286.0	W	W
April	W	458.7	W	1,060.7	3,006.7	1,519.4	W	W
May	W	479.7	W	422.6	2,387.4	902.4	W	W
June	W	384.8	W	1,215.8	2,003.1	1,600.5	W	W
July	1,633.3	462.0	1,712.5	545.9	3,345.9	1,007.9	W	W
August	778.9	437.0	1,719.9	744.5	2,498.8	1,181.5	W	W
September	1,049.1	629.7	2,321.7	1,711.1	3,370.8	2,340.8	W	W
October	W	446.4	W	NA	2,534.3	NA	W	W
November	W	481.0	W	712.6	2,312.1	1,193.6	W	W
December	W	383.0	W	638.4	2,522.7	1,021.4	W	W
1998 Average	1,057.9	465.2	1,604.4	957.8	2,662.3	1,423.0	W	6.4

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.

Note: 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."

**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								
January	145,473.9	12,853.1	71,584.0	229,911.0	21,437.8	2,118.5	14,630.3	38,186.5
February	152,443.6	12,574.1	74,038.8	239,056.4	21,643.8	2,053.6	14,806.9	38,504.4
March	159,368.9	9,240.4	75,709.6	244,318.9	22,934.3	1,391.4	14,926.4	39,252.1
April	166,869.6	7,329.4	77,383.5	251,582.4	23,130.1	1,079.9	14,885.7	39,095.8
May	168,973.6	7,229.8	77,450.7	253,654.2	23,375.0	1,046.4	15,162.5	39,583.9
June	176,397.4	7,802.8	78,867.3	263,067.5	24,193.9	1,133.7	15,555.5	40,883.1
July	175,934.1	7,670.5	79,172.1	262,776.7	24,363.6	1,128.7	15,903.0	41,395.3
August	171,640.9	7,165.6	78,460.3	257,266.7	23,798.8	1,091.1	15,724.7	40,614.6
September	166,981.4	7,838.9	76,979.7	251,800.0	23,034.6	1,222.0	15,277.9	39,534.6
October	167,772.5	10,319.6	76,493.7	254,585.8	23,595.5	1,625.0	15,204.6	40,425.0
November	157,828.4	12,688.5	73,999.9	244,516.7	22,268.8	1,965.4	14,792.0	39,026.2
December	161,211.5	13,086.6	75,465.3	249,763.5	22,897.6	2,018.3	15,017.7	39,933.6
1998 Average	164,307.8	9,634.0	76,313.4	250,255.2	23,066.7	1,486.4	15,160.5	39,713.5
PAD District I								
January	47,610.9	—	28,826.7	76,437.6	8,697.5	—	5,634.2	14,331.7
February	49,532.8	—	30,117.0	79,649.8	8,922.6	—	5,816.9	14,739.5
March	50,165.0	—	30,532.0	80,697.0	9,081.7	—	5,767.5	14,849.3
April	51,616.4	—	30,988.6	82,605.0	9,109.1	—	5,806.7	14,915.8
May	50,866.5	—	30,880.3	81,746.8	9,104.4	—	5,955.3	15,059.7
June	52,568.5	—	31,699.4	84,267.8	9,490.3	—	6,167.3	15,657.6
July	52,417.1	—	32,249.6	84,666.6	9,479.0	—	6,392.4	15,871.5
August	51,622.3	—	31,726.6	83,348.9	9,238.1	—	6,231.7	15,469.7
September	50,409.0	—	31,073.8	81,482.8	8,857.9	—	6,005.5	14,863.4
October	51,070.8	—	31,143.4	82,214.2	9,187.1	—	6,004.1	15,191.3
November	48,814.9	—	30,335.5	79,150.4	8,793.5	—	5,832.2	14,625.7
December	50,225.1	—	30,745.2	80,970.3	9,028.1	—	5,844.7	14,872.8
1998 Average	50,582.2	—	30,864.1	81,446.3	9,084.0	—	5,956.0	15,040.0
Subdistrict IA								
January	1,576.3	—	9,606.7	11,183.0	204.2	—	1,512.3	1,716.5
February	1,598.2	—	9,882.1	11,480.3	202.0	—	1,560.5	1,762.5
March	1,474.5	—	9,896.9	11,371.4	171.0	—	1,526.2	1,697.2
April	1,476.3	—	10,058.4	11,534.7	167.9	—	1,542.2	1,710.1
May	1,643.0	—	10,167.5	11,810.4	191.1	—	1,608.4	1,799.5
June	1,777.3	—	10,295.7	12,073.0	199.0	—	1,633.1	1,832.1
July	1,925.4	—	10,699.4	12,624.8	256.8	—	1,762.7	2,019.5
August	1,966.8	—	10,522.0	12,488.8	253.0	—	1,725.2	1,978.3
September	1,758.0	—	10,332.3	12,090.3	212.1	—	1,615.1	1,827.1
October	1,796.2	—	10,375.4	12,171.6	200.8	—	1,623.1	1,823.9
November	1,637.5	—	9,990.7	11,628.2	180.4	—	1,565.8	1,746.2
December	1,672.1	—	10,357.9	12,030.0	182.5	—	1,583.4	1,765.9
1998 Average	1,692.9	—	10,184.7	11,877.6	201.9	—	1,605.4	1,807.2
Connecticut								
January	W	—	W	2,381.3	—	—	403.0	403.0
February	—	—	2,418.8	2,418.8	—	—	428.8	428.8
March	—	—	2,523.0	2,523.0	—	—	431.6	431.6
April	—	—	2,652.5	2,652.5	—	—	442.7	442.7
May	—	—	2,608.2	2,608.2	—	—	465.2	465.2
June	—	—	2,620.3	2,620.3	—	—	466.8	466.8
July	—	—	2,695.0	2,695.0	—	—	504.5	504.5
August	—	—	2,636.2	2,636.2	—	—	481.4	481.4
September	—	—	2,678.8	2,678.8	—	—	461.2	461.2
October	—	—	2,672.9	2,672.9	—	—	463.5	463.5
November	—	—	2,547.0	2,547.0	—	—	446.3	446.3
December	—	—	2,618.1	2,618.1	—	—	454.8	454.8
1998 Average	W	—	W	2,588.7	—	—	454.4	454.4

See footnotes at end of table.

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

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
United States								
January	31,845.6	1,791.7	21,761.1	55,398.4	198,757.4	16,763.3	107,975.4	323,496.0
February	33,183.3	1,690.0	22,733.0	57,606.3	207,270.7	16,317.7	111,578.7	335,167.1
March	35,460.2	1,097.3	23,835.1	60,392.5	217,763.4	11,729.1	114,471.1	343,963.5
April	36,469.0	657.7	23,840.7	60,967.3	226,468.6	9,067.0	116,109.9	351,645.5
May	37,062.3	659.5	24,109.3	61,831.1	229,411.0	8,935.7	116,722.5	355,069.1
June	38,959.5	705.8	24,705.4	64,370.7	239,550.8	9,642.3	119,128.2	368,321.4
July	40,134.7	698.8	25,304.0	66,137.5	240,432.4	9,498.0	120,379.1	370,309.5
August	39,292.9	647.5	25,394.7	65,335.2	234,732.6	8,904.2	119,579.7	363,216.5
September	38,295.2	874.6	24,962.3	64,132.0	228,311.2	9,935.5	117,219.9	355,466.6
October	37,794.2	1,669.9	25,011.6	64,475.7	229,162.2	13,614.5	116,709.9	359,486.6
November	36,803.9	2,211.9	24,672.7	63,688.4	216,901.0	16,865.8	113,464.5	347,231.3
December	39,231.7	2,271.0	25,235.6	66,738.4	223,340.9	17,376.0	115,718.5	356,435.4
1998 Average	37,069.7	1,245.8	24,307.3	62,622.8	224,444.2	12,366.2	115,781.2	352,591.5
PAD District I								
January	13,309.9	—	11,369.2	24,679.1	69,618.4	—	45,830.1	115,448.5
February	14,128.1	—	11,903.6	26,031.8	72,583.5	—	47,837.5	120,421.0
March	14,603.3	—	12,352.3	26,955.5	73,850.0	—	48,651.8	122,501.8
April	14,795.0	—	12,301.4	27,096.5	75,520.5	—	49,096.7	124,617.2
May	14,532.8	—	12,433.3	26,966.1	74,503.8	—	49,268.8	123,772.6
June	15,108.8	—	12,956.6	28,065.4	77,167.5	—	50,823.3	127,990.8
July	15,344.6	—	13,358.4	28,703.0	77,240.7	—	52,000.4	129,241.1
August	15,201.5	—	13,221.9	28,423.4	76,061.8	—	51,180.2	127,242.1
September	14,883.7	—	12,981.0	27,864.6	74,150.6	—	50,060.3	124,210.9
October	15,120.1	—	12,942.4	28,062.5	75,378.0	—	50,089.9	125,467.9
November	14,991.8	—	12,859.3	27,851.1	72,600.3	—	49,026.9	121,627.2
December	15,629.0	—	12,990.7	28,619.7	74,882.2	—	49,580.6	124,462.8
1998 Average	14,808.1	—	12,643.7	27,451.8	74,474.2	—	49,463.9	123,938.1
Subdistrict IA								
January	278.6	—	2,334.8	2,613.5	2,059.2	—	13,453.8	15,513.0
February	291.2	—	2,440.4	2,731.6	2,091.4	—	13,883.0	15,974.4
March	241.2	—	2,513.7	2,754.9	1,886.8	—	13,936.8	15,823.5
April	220.1	—	2,617.6	2,837.6	1,864.3	—	14,218.2	16,082.5
May	261.5	—	2,736.1	2,997.6	2,095.6	—	14,511.9	16,607.5
June	285.6	—	2,773.5	3,059.1	2,261.9	—	14,702.3	16,964.2
July	349.8	—	3,068.8	3,418.7	2,532.1	—	15,530.9	18,063.0
August	352.7	—	3,015.3	3,368.0	2,572.5	—	15,262.5	17,835.1
September	300.5	—	2,878.0	3,178.4	2,270.5	—	14,825.4	17,095.9
October	298.5	—	2,834.6	3,133.1	2,295.5	—	14,833.1	17,128.6
November	262.7	—	2,803.5	3,066.3	2,080.6	—	14,360.1	16,440.7
December	284.1	—	2,856.4	3,140.5	2,138.7	—	14,797.6	16,936.4
1998 Average	285.7	—	2,741.5	3,027.2	2,180.5	—	14,531.6	16,712.1
Connecticut								
January	—	—	656.7	656.7	W	—	W	3,441.0
February	—	—	668.0	668.0	—	—	3,515.6	3,515.6
March	—	—	699.7	699.7	—	—	3,654.3	3,654.3
April	—	—	727.4	727.4	—	—	3,822.6	3,822.6
May	—	—	740.7	740.7	—	—	3,814.1	3,814.1
June	—	—	735.4	735.4	—	—	3,822.5	3,822.5
July	—	—	829.6	829.6	—	—	4,029.1	4,029.1
August	—	—	804.4	804.4	—	—	3,922.0	3,922.0
September	—	—	804.6	804.6	—	—	3,944.7	3,944.7
October	—	—	811.3	811.3	—	—	3,947.7	3,947.7
November	—	—	770.7	770.7	—	—	3,764.0	3,764.0
December	—	—	794.7	794.7	—	—	3,867.6	3,867.6
1998 Average	—	—	754.2	754.2	W	—	W	3,797.3

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
Maine								
January	772.5	—	928.8	1,701.3	92.4	—	99.2	191.6
February	769.1	—	951.3	1,720.4	90.9	—	103.5	194.4
March	701.6	—	933.4	1,635.0	74.1	—	91.6	165.8
April	709.7	—	989.3	1,699.0	72.6	—	102.6	175.2
May	803.6	—	997.5	1,801.1	80.5	—	104.7	185.2
June	880.5	—	1,031.2	1,911.7	84.5	—	106.9	191.4
July	944.7	—	1,142.9	2,087.5	117.0	—	132.3	249.4
August	999.3	—	1,116.1	2,115.4	120.3	—	133.4	253.6
September	881.0	—	1,096.6	1,977.6	93.8	—	112.1	205.8
October	888.3	—	1,021.1	1,909.4	86.1	—	106.5	192.6
November	815.1	—	969.3	1,784.4	77.9	—	101.7	179.6
December	827.1	—	1,026.4	1,853.5	77.3	—	105.3	182.6
1998 Average	833.4	—	1,017.5	1,850.8	W	—	W	197.4
Massachusetts								
January	—	—	4,689.5	4,689.5	—	—	767.6	767.6
February	—	—	4,817.8	4,817.8	—	—	774.6	774.6
March	—	—	4,745.5	4,745.5	—	—	756.9	756.9
April	W	—	W	4,687.1	—	—	742.7	742.7
May	W	—	W	4,813.5	—	—	774.6	774.6
June	W	—	W	4,835.4	—	—	785.0	785.0
July	W	—	W	4,983.9	—	—	826.2	826.2
August	—	—	4,909.2	4,909.2	—	—	821.5	821.5
September	—	—	4,797.2	4,797.2	—	—	778.4	778.4
October	—	—	4,943.7	4,943.7	—	—	787.9	787.9
November	—	—	4,772.6	4,772.6	—	—	757.5	757.5
December	—	—	4,943.2	4,943.2	—	—	762.4	762.4
1998 Average	W	—	W	4,828.9	—	—	778.1	778.1
New Hampshire								
January	W	—	W	988.8	39.8	—	100.0	139.8
February	293.4	—	766.0	1,059.4	39.8	—	108.3	148.1
March	271.5	—	741.7	1,013.2	33.9	—	101.1	135.1
April	W	—	W	1,017.7	34.5	—	99.6	134.0
May	W	—	W	1,044.9	44.1	—	102.9	147.1
June	W	—	W	1,120.3	43.3	—	106.3	149.6
July	W	—	W	1,154.7	59.2	—	110.7	169.9
August	351.1	—	768.4	1,119.5	53.0	—	108.5	161.5
September	331.0	—	764.1	1,095.2	49.9	—	104.4	154.2
October	330.7	—	749.0	1,079.7	43.3	—	107.2	150.5
November	296.6	—	735.3	1,031.9	38.0	—	105.1	143.0
December	306.5	—	758.1	1,064.6	38.4	—	104.5	142.9
1998 Average	311.8	—	754.1	1,065.9	W	—	W	148.0
Rhode Island								
January	—	—	898.9	898.9	—	—	142.5	142.5
February	—	—	928.2	928.2	—	—	145.3	145.3
March	—	—	953.2	953.2	—	—	144.9	144.9
April	—	—	986.5	986.5	—	—	154.7	154.7
May	—	—	1,008.5	1,008.5	—	—	160.9	160.9
June	—	—	1,028.2	1,028.2	—	—	168.2	168.2
July	—	—	1,083.0	1,083.0	—	—	188.9	188.9
August	—	—	1,092.1	1,092.1	—	—	180.5	180.5
September	—	—	995.5	995.5	—	—	159.0	159.0
October	—	—	988.7	988.7	—	—	157.9	157.9
November	—	—	966.5	966.5	—	—	155.2	155.2
December	—	—	1,012.1	1,012.1	—	—	156.4	156.4
1998 Average	—	—	995.7	995.7	—	—	159.7	159.7

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Maine								
January	120.4	—	150.4	270.8	985.4	—	1,178.3	2,163.6
February	128.7	—	164.3	293.0	988.8	—	1,219.0	2,207.8
March	98.0	—	156.3	254.3	873.8	—	1,181.3	2,055.0
April	89.0	—	165.3	254.3	871.3	—	1,257.2	2,128.5
May	108.0	—	192.3	300.3	992.2	—	1,294.5	2,286.6
June	115.4	—	187.9	303.2	1,080.4	—	1,326.0	2,406.3
July	151.1	—	239.3	390.4	1,212.8	—	1,514.5	2,727.3
August	153.9	—	231.4	385.3	1,273.4	—	1,480.9	2,754.3
September	125.0	—	208.1	333.0	1,099.7	—	1,416.7	2,516.4
October	120.9	—	190.4	311.3	1,095.4	—	1,318.0	2,413.4
November	108.4	—	183.7	292.1	1,001.4	—	1,254.7	2,256.1
December	112.5	—	197.9	310.5	1,017.0	—	1,329.5	2,346.5
1998 Average	W	—	W	308.5	1,041.7	—	1,315.0	2,356.7
Massachusetts								
January	—	—	1,178.9	1,178.9	—	—	6,636.0	6,636.0
February	—	—	1,224.2	1,224.2	—	—	6,816.6	6,816.6
March	—	—	1,266.5	1,266.5	—	—	6,769.0	6,769.0
April	—	—	1,321.5	1,321.5	W	—	W	6,751.3
May	—	—	1,370.2	1,370.2	W	—	W	6,958.4
June	—	—	1,412.3	1,412.3	W	—	W	7,032.8
July	—	—	1,504.3	1,504.3	W	—	W	7,314.4
August	W	—	W	1,491.1	W	—	W	7,221.8
September	—	—	1,420.0	1,420.0	—	—	6,995.6	6,995.6
October	—	—	1,408.0	1,408.0	—	—	7,139.6	7,139.6
November	—	—	1,417.5	1,417.5	—	—	6,947.7	6,947.7
December	—	—	1,425.1	1,425.1	—	—	7,130.7	7,130.7
1998 Average	W	—	W	1,370.9	W	—	W	6,978.0
New Hampshire								
January	48.2	—	128.9	177.1	W	—	W	1,305.7
February	49.6	—	146.9	196.5	382.8	—	1,021.3	1,404.1
March	44.6	—	143.8	188.4	350.0	—	986.6	1,336.6
April	42.3	—	144.1	186.4	W	—	W	1,338.2
May	49.6	—	154.7	204.3	W	—	W	1,396.3
June	58.5	—	160.5	219.0	W	—	W	1,488.9
July	67.4	—	179.2	246.6	W	—	W	1,571.2
August	W	—	W	239.8	W	—	W	1,520.8
September	58.6	—	165.7	224.3	439.5	—	1,034.2	1,473.7
October	56.5	—	155.5	212.0	430.4	—	1,011.7	1,442.2
November	49.2	—	154.2	203.3	383.7	—	994.6	1,378.3
December	50.0	—	160.0	210.0	394.9	—	1,022.6	1,417.5
1998 Average	W	—	W	209.1	408.3	—	1,014.7	1,423.0
Rhode Island								
January	—	—	220.0	220.0	—	—	1,261.4	1,261.4
February	—	—	237.1	237.1	—	—	1,310.6	1,310.6
March	—	—	247.4	247.4	—	—	1,345.5	1,345.5
April	—	—	259.2	259.2	—	—	1,400.4	1,400.4
May	—	—	278.2	278.2	—	—	1,447.5	1,447.5
June	—	—	277.4	277.4	—	—	1,473.8	1,473.8
July	—	—	316.5	316.5	—	—	1,588.5	1,588.5
August	—	—	314.3	314.3	—	—	1,586.9	1,586.9
September	—	—	279.6	279.6	—	—	1,434.2	1,434.2
October	—	—	269.4	269.4	—	—	1,416.0	1,416.0
November	—	—	277.5	277.5	—	—	1,399.2	1,399.2
December	—	—	278.6	278.6	—	—	1,447.2	1,447.2
1998 Average	—	—	271.5	271.5	—	—	1,426.9	1,426.9

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Regular				Midgrade			
	Conventional ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Vermont								
January	523.2	—	—	523.2	72.0	—	—	72.0
February	535.8	—	—	535.8	71.3	—	—	71.3
March	501.4	—	—	501.4	63.0	—	—	63.0
April	491.9	—	—	491.9	60.8	—	—	60.8
May	534.2	—	—	534.2	66.4	—	—	66.4
June	557.1	—	—	557.1	71.2	—	—	71.2
July	620.6	—	—	620.6	80.6	—	—	80.6
August	616.5	—	—	616.5	79.8	—	—	79.8
September	546.0	—	—	546.0	68.4	—	—	68.4
October	577.2	—	—	577.2	71.5	—	—	71.5
November	525.8	—	—	525.8	64.5	—	—	64.5
December	538.4	—	—	538.4	66.8	—	—	66.8
1998 Average	547.6	—	—	547.6	69.7	—	—	69.7
Subdistrict IB								
January	12,252.4	—	16,084.6	28,337.0	1,416.6	—	3,351.3	4,767.9
February	13,013.0	—	16,936.6	29,949.6	1,459.5	—	3,453.4	4,912.9
March	12,837.3	—	17,240.9	30,078.2	1,441.9	—	3,425.7	4,867.6
April	13,489.3	—	17,434.1	30,923.4	1,508.8	—	3,416.0	4,924.8
May	13,679.5	—	17,239.0	30,918.5	1,520.2	—	3,492.6	5,012.8
June	13,998.0	—	17,783.8	31,781.8	1,680.4	—	3,644.7	5,325.1
July	14,238.6	—	17,923.1	32,161.7	1,661.7	—	3,738.9	5,400.6
August	13,869.3	—	17,612.3	31,481.6	1,596.3	—	3,624.1	5,220.4
September	13,509.5	—	17,261.6	30,771.1	1,501.1	—	3,543.4	5,044.5
October	13,345.3	—	17,284.7	30,630.0	1,514.6	—	3,532.5	5,047.1
November	12,529.3	—	17,034.5	29,563.8	1,450.9	—	3,425.3	4,876.1
December	13,202.4	—	16,995.3	30,197.6	1,473.8	—	3,420.7	4,894.5
1998 Average	13,332.4	—	17,236.8	30,569.1	1,519.1	—	3,506.1	5,025.2
Delaware								
January	—	—	707.1	707.1	—	—	162.6	162.6
February	—	—	725.0	725.0	—	—	165.4	165.4
March	—	—	679.3	679.3	—	—	156.4	156.4
April	—	—	751.1	751.1	—	—	169.6	169.6
May	—	—	798.6	798.6	—	—	174.5	174.5
June	—	—	786.7	786.7	—	—	177.4	177.4
July	—	—	819.0	819.0	—	—	196.8	196.8
August	—	—	812.5	812.5	—	—	191.5	191.5
September	W	—	W	778.8	—	—	176.4	176.4
October	—	—	770.5	770.5	—	—	176.4	176.4
November	—	—	695.3	695.3	—	—	163.4	163.4
December	—	—	680.2	680.2	—	—	156.5	156.5
1998 Average	W	—	W	750.5	—	—	172.3	172.3
District of Columbia								
January	—	—	123.7	123.7	—	—	74.5	74.5
February	—	—	124.3	124.3	—	—	74.6	74.6
March	—	—	122.0	122.0	—	—	NA	NA
April	—	—	121.4	121.4	—	—	71.2	71.2
May	—	—	123.8	123.8	—	—	71.9	71.9
June	—	—	124.5	124.5	—	—	71.9	71.9
July	—	—	126.0	126.0	—	—	70.3	70.3
August	—	—	117.0	117.0	—	—	66.5	66.5
September	—	—	115.5	115.5	—	—	67.1	67.1
October	—	—	118.3	118.3	—	—	68.0	68.0
November	—	—	124.0	124.0	—	—	68.6	68.6
December	—	—	127.2	127.2	—	—	70.0	70.0
1998 Average	—	—	122.3	122.3	—	—	70.5	70.5

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Vermont								
January	110.0	—	—	110.0	705.2	—	—	705.2
February	112.9	—	—	112.9	719.9	—	—	719.9
March	98.6	—	—	98.6	663.0	—	—	663.0
April	88.8	—	—	88.8	641.5	—	—	641.5
May	103.9	—	—	103.9	704.5	—	—	704.5
June	111.7	—	—	111.7	739.9	—	—	739.9
July	131.4	—	—	131.4	832.6	—	—	832.6
August	133.1	—	—	133.1	829.4	—	—	829.4
September	116.9	—	—	116.9	731.3	—	—	731.3
October	121.2	—	—	121.2	769.8	—	—	769.8
November	105.1	—	—	105.1	695.5	—	—	695.5
December	121.6	—	—	121.6	726.8	—	—	726.8
1998 Average	113.0	—	—	113.0	730.3	—	—	730.3
Subdistrict IB								
January	2,463.4	—	7,805.4	10,268.8	16,132.4	—	27,241.3	43,373.7
February	2,604.7	—	8,171.4	10,776.1	17,077.2	—	28,561.4	45,638.6
March	2,609.2	—	8,477.1	11,086.3	16,888.4	—	29,143.7	46,032.1
April	2,928.3	—	8,281.8	11,210.0	17,926.3	—	29,131.9	47,058.3
May	2,805.0	—	8,323.3	11,128.2	18,004.6	—	29,054.9	47,059.5
June	2,956.0	—	8,764.5	11,720.5	18,634.3	—	30,193.0	48,827.4
July	3,122.7	—	8,843.3	11,966.0	19,023.0	—	30,505.4	49,528.3
August	2,999.8	—	8,766.7	11,766.5	18,465.3	—	30,003.1	48,468.5
September	2,839.9	—	8,666.5	11,506.3	17,850.4	—	29,471.5	47,321.9
October	2,834.7	—	8,684.2	11,518.9	17,694.5	—	29,501.4	47,195.9
November	2,841.6	—	8,670.4	11,511.9	16,821.7	—	29,130.1	45,951.8
December	2,853.7	—	8,664.6	11,518.4	17,529.8	—	29,080.6	46,610.5
1998 Average	2,822.6	—	8,511.8	11,334.4	17,674.0	—	29,254.7	46,928.7
Delaware								
January	—	—	162.5	162.5	—	—	1,032.2	1,032.2
February	—	—	164.0	164.0	—	—	1,054.4	1,054.4
March	—	—	158.0	158.0	—	—	993.7	993.7
April	W	—	W	177.9	W	—	W	1,098.6
May	W	—	W	186.7	W	—	W	1,159.7
June	W	—	W	191.8	W	—	W	1,155.9
July	W	—	W	216.0	W	—	W	1,231.8
August	W	—	W	211.4	W	—	W	1,215.4
September	W	—	W	199.7	W	—	W	1,155.0
October	W	—	W	193.1	W	—	W	1,140.1
November	W	—	W	175.4	W	—	W	1,034.1
December	W	—	W	179.0	W	—	W	1,015.8
1998 Average	W	—	W	184.8	W	—	W	1,107.6
District of Columbia								
January	—	—	149.7	149.7	—	—	347.8	347.8
February	—	—	NA	NA	—	—	352.5	352.5
March	—	—	NA	NA	—	—	348.2	348.2
April	—	—	146.8	146.8	—	—	339.5	339.5
May	—	—	145.0	145.0	—	—	340.6	340.6
June	—	—	142.9	142.9	—	—	339.3	339.3
July	—	—	139.1	139.1	—	—	335.4	335.4
August	—	—	134.0	134.0	—	—	317.5	317.5
September	—	—	137.6	137.6	—	—	320.2	320.2
October	—	—	141.0	141.0	—	—	327.3	327.3
November	—	—	149.8	149.8	—	—	342.4	342.4
December	—	—	147.4	147.4	—	—	344.5	344.5
1998 Average	—	—	145.0	145.0	—	—	337.8	337.8

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
Maryland								
January	370.7	—	2,721.7	3,092.4	66.2	—	727.6	793.8
February	362.5	—	2,712.7	3,075.3	65.6	—	743.6	809.2
March	W	—	W	3,246.5	73.4	—	741.1	814.5
April	W	—	W	3,320.4	72.8	—	748.6	821.4
May	412.9	—	2,873.1	3,286.0	79.3	—	769.5	848.8
June	W	—	W	3,422.8	83.9	—	785.5	869.5
July	W	—	W	3,439.0	W	—	W	891.3
August	W	—	W	3,454.1	99.3	—	766.3	865.5
September	W	—	W	3,448.0	82.5	—	772.5	855.0
October	473.2	—	3,039.9	3,513.1	78.3	—	765.4	843.7
November	432.7	—	2,945.1	3,377.8	72.0	—	741.9	813.9
December	381.5	—	2,877.9	3,259.5	62.5	—	713.4	776.0
1998 Average	444.4	—	2,884.9	3,329.3	W	—	W	833.7
New Jersey								
January	—	—	6,318.3	6,318.3	—	—	1,107.1	1,107.1
February	—	—	6,874.4	6,874.4	—	—	1,147.9	1,147.9
March	W	—	W	6,967.6	—	—	1,155.4	1,155.4
April	W	—	W	6,947.6	—	—	1,190.9	1,190.9
May	—	—	6,795.5	6,795.5	—	—	1,189.9	1,189.9
June	W	—	W	7,160.9	—	—	1,259.8	1,259.8
July	W	—	W	7,285.1	—	—	1,338.8	1,338.8
August	W	—	W	7,214.1	—	—	1,305.0	1,305.0
September	—	—	6,865.5	6,865.5	—	—	1,242.1	1,242.1
October	—	—	6,788.0	6,788.0	—	—	1,238.8	1,238.8
November	—	—	6,812.5	6,812.5	—	—	1,201.9	1,201.9
December	—	—	6,798.5	6,798.5	—	—	1,197.1	1,197.1
1998 Average	W	—	W	6,902.1	—	—	1,215.0	1,215.0
New York								
January	4,827.2	—	4,088.3	8,915.4	439.8	—	785.9	1,225.7
February	4,995.4	—	4,250.3	9,245.6	438.3	—	810.8	1,249.0
March	4,965.8	—	4,423.0	9,388.9	430.0	—	796.7	1,226.7
April	5,139.5	—	4,406.1	9,545.6	454.6	—	769.3	1,223.9
May	5,405.2	—	4,435.2	9,840.4	487.4	—	811.9	1,299.3
June	5,599.7	—	4,483.6	10,083.3	504.8	—	857.7	1,362.5
July	5,745.6	—	4,544.5	10,290.1	548.3	—	861.0	1,409.3
August	5,671.1	—	4,429.9	10,101.0	528.8	—	835.2	1,364.1
September	5,364.6	—	4,376.6	9,741.2	484.4	—	826.3	1,310.7
October	5,409.4	—	4,330.7	9,740.1	491.2	—	799.9	1,291.1
November	5,098.7	—	4,341.6	9,440.4	466.4	—	785.9	1,252.3
December	5,287.4	—	4,331.5	9,618.9	466.1	—	808.7	1,274.8
1998 Average	5,294.8	—	4,370.7	9,665.6	W	—	W	1,291.2
Pennsylvania								
January	7,054.6	—	2,125.6	9,180.2	910.6	—	493.7	1,404.3
February	7,655.1	—	2,250.0	9,905.1	955.7	—	511.1	1,466.8
March	7,433.5	—	2,240.5	9,673.9	938.5	—	503.9	1,442.5
April	7,926.8	—	2,310.5	10,237.3	981.4	—	466.5	1,447.8
May	7,861.4	—	2,212.8	10,074.2	953.5	—	475.1	1,428.6
June	7,911.7	—	2,291.9	10,203.6	1,091.6	—	492.3	1,583.9
July	W	—	W	10,202.4	W	—	W	1,494.1
August	7,634.3	—	2,148.7	9,783.0	968.1	—	459.6	1,427.7
September	7,645.2	—	2,176.9	9,822.1	934.2	—	459.0	1,393.2
October	7,462.7	—	2,237.2	9,699.9	945.1	—	483.9	1,429.0
November	6,997.8	—	2,115.9	9,113.7	912.4	—	463.5	1,376.0
December	7,533.5	—	2,179.9	9,713.4	945.1	—	474.9	1,420.1
1998 Average	7,591.1	—	2,208.3	9,799.4	962.8	—	479.7	1,442.6

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
Maryland								
January	85.2	—	1,092.0	1,177.2	522.1	—	4,541.3	5,063.3
February	86.2	—	1,133.3	1,219.5	514.3	—	4,589.6	5,103.9
March	101.8	—	1,183.9	1,285.7	W	—	W	5,346.6
April	W	—	W	1,298.4	599.1	—	4,841.0	5,440.2
May	W	—	W	1,295.3	W	—	W	5,430.1
June	W	—	W	1,321.4	683.1	—	4,930.6	5,613.7
July	W	—	W	1,370.9	736.7	—	4,964.5	5,701.3
August	W	—	W	1,349.9	810.1	—	4,859.5	5,669.6
September	W	—	W	1,368.3	W	—	W	5,671.3
October	W	—	W	1,351.3	W	—	W	5,708.1
November	W	—	W	1,329.6	W	—	W	5,521.3
December	W	—	W	1,311.6	W	—	W	5,347.1
1998 Average	W	—	W	1,307.1	635.1	—	4,834.9	5,470.0
New Jersey								
January	—	—	2,899.4	2,899.4	—	—	10,324.7	10,324.7
February	—	—	3,067.3	3,067.3	—	—	11,089.5	11,089.5
March	—	—	3,193.4	3,193.4	W	—	W	11,316.4
April	—	—	3,130.3	3,130.3	W	—	W	11,268.8
May	—	—	3,112.3	3,112.3	—	—	11,097.7	11,097.7
June	—	—	3,262.2	3,262.2	W	—	W	11,682.9
July	—	—	3,385.2	3,385.2	W	—	W	12,009.1
August	—	—	3,364.1	3,364.1	W	—	W	11,883.2
September	—	—	3,265.1	3,265.1	—	—	11,372.8	11,372.8
October	—	—	3,303.7	3,303.7	—	—	11,330.5	11,330.5
November	—	—	3,270.6	3,270.6	—	—	11,285.0	11,285.0
December	—	—	3,265.8	3,265.8	—	—	11,261.4	11,261.4
1998 Average	—	—	3,210.9	3,210.9	W	—	W	11,327.9
New York								
January	825.6	—	2,737.5	3,563.1	6,092.6	—	7,611.6	13,704.2
February	835.2	—	2,841.5	3,676.8	6,268.8	—	7,902.5	14,171.4
March	842.3	—	2,952.7	3,794.9	6,238.1	—	8,172.5	14,410.5
April	862.3	—	2,881.3	3,743.6	6,456.4	—	8,056.7	14,513.1
May	965.6	—	2,921.4	3,887.0	6,858.3	—	8,168.4	15,026.7
June	1,025.1	—	3,171.5	4,196.6	7,129.6	—	8,512.8	15,642.4
July	1,108.5	—	3,092.7	4,201.2	7,402.4	—	8,498.2	15,900.6
August	1,102.3	—	3,104.5	4,206.7	7,302.2	—	8,369.6	15,671.8
September	1,018.8	—	3,057.1	4,075.9	6,867.8	—	8,260.0	15,127.8
October	980.2	—	3,029.0	4,009.3	6,880.8	—	8,159.7	15,040.5
November	950.5	—	3,046.6	3,997.2	6,515.7	—	8,174.2	14,689.9
December	985.3	—	3,049.6	4,034.8	6,738.7	—	8,189.8	14,928.5
1998 Average	W	—	W	3,950.6	6,732.9	—	8,174.4	14,907.3
Pennsylvania								
January	1,552.5	—	764.3	2,316.9	9,517.7	—	3,383.7	12,901.4
February	1,683.3	—	811.7	2,495.0	10,294.1	—	3,572.8	13,866.9
March	1,665.1	—	835.1	2,500.3	10,037.1	—	3,579.5	13,616.6
April	1,961.0	—	752.1	2,713.0	10,869.1	—	3,529.1	14,398.2
May	1,727.2	—	774.8	2,501.9	10,542.0	—	3,462.6	14,004.7
June	1,808.0	—	797.7	2,605.7	10,811.3	—	3,582.0	14,393.2
July	1,874.0	—	779.7	2,653.7	10,879.5	—	3,470.7	14,350.2
August	1,746.5	—	753.8	2,500.4	10,349.0	—	3,362.1	13,711.1
September	1,689.6	—	770.0	2,459.6	10,269.0	—	3,405.9	13,674.9
October	1,730.9	—	789.7	2,520.6	10,138.7	—	3,510.8	13,649.5
November	1,776.8	—	812.6	2,589.4	9,687.1	—	3,392.0	13,079.1
December	1,763.0	—	816.7	2,579.7	10,241.6	—	3,471.5	13,713.2
1998 Average	1,748.0	—	788.1	2,536.1	10,301.9	—	3,476.1	13,778.0

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
Subdistrict IC								
January	33,782.2	—	3,135.4	36,917.6	7,076.6	—	770.6	7,847.3
February	34,921.6	—	3,298.3	38,219.9	7,261.1	—	803.0	8,064.1
March	35,853.2	—	3,394.2	39,247.4	7,468.8	—	815.6	8,284.4
April	36,650.8	—	3,496.0	40,146.8	7,432.4	—	848.4	8,280.8
May	35,544.1	—	3,473.8	39,017.9	7,393.1	—	854.3	8,247.5
June	36,793.2	—	3,619.9	40,413.1	7,610.9	—	889.5	8,500.4
July	36,253.1	—	3,627.1	39,880.1	7,560.5	—	890.8	8,451.3
August	35,786.2	—	3,592.3	39,378.5	7,388.8	—	882.4	8,271.1
September	35,141.5	—	3,479.9	38,621.4	7,144.7	—	847.1	7,991.8
October	35,929.3	—	3,483.3	39,412.6	7,471.7	—	848.6	8,320.3
November	34,648.1	—	3,310.2	37,958.4	7,162.3	—	841.1	8,003.4
December	35,350.7	—	3,392.0	38,742.7	7,371.8	—	840.6	8,212.5
1998 Average	35,556.9	—	3,442.7	38,999.6	7,363.0	—	844.5	8,207.5
Florida								
January	12,117.3	—	—	12,117.3	2,910.1	—	—	2,910.1
February	12,501.3	—	—	12,501.3	2,979.9	—	—	2,979.9
March	12,753.7	—	—	12,753.7	3,041.9	—	—	3,041.9
April	12,325.6	—	—	12,325.6	2,928.7	—	—	2,928.7
May	11,675.6	—	—	11,675.6	2,942.7	—	—	2,942.7
June	11,654.5	—	—	11,654.5	2,948.6	—	—	2,948.6
July	11,436.2	—	—	11,436.2	2,881.0	—	—	2,881.0
August	11,528.7	—	—	11,528.7	2,823.1	—	—	2,823.1
September	11,462.4	—	—	11,462.4	2,744.1	—	—	2,744.1
October	12,041.2	—	—	12,041.2	2,928.6	—	—	2,928.6
November	11,675.1	—	—	11,675.1	2,794.7	—	—	2,794.7
December	12,099.9	—	—	12,099.9	2,872.0	—	—	2,872.0
1998 Average	11,936.4	—	—	11,936.4	2,899.5	—	—	2,899.5
Georgia								
January	7,514.1	—	—	7,514.1	1,510.0	—	—	1,510.0
February	7,769.0	—	—	7,769.0	1,572.1	—	—	1,572.1
March	8,034.1	—	—	8,034.1	1,641.7	—	—	1,641.7
April	8,278.6	—	—	8,278.6	1,664.2	—	—	1,664.2
May	8,103.9	—	—	8,103.9	1,644.9	—	—	1,644.9
June	8,419.3	—	—	8,419.3	1,702.5	—	—	1,702.5
July	8,308.2	—	—	8,308.2	1,687.4	—	—	1,687.4
August	8,095.2	—	—	8,095.2	1,652.3	—	—	1,652.3
September	7,851.7	—	—	7,851.7	1,602.1	—	—	1,602.1
October	8,117.5	—	—	8,117.5	1,683.0	—	—	1,683.0
November	7,733.8	—	—	7,733.8	1,594.2	—	—	1,594.2
December	7,927.2	—	—	7,927.2	1,647.1	—	—	1,647.1
1998 Average	8,014.1	—	—	8,014.1	1,633.9	—	—	1,633.9
North Carolina								
January	6,756.6	—	—	6,756.6	1,366.7	—	—	1,366.7
February	7,050.3	—	—	7,050.3	1,383.9	—	—	1,383.9
March	7,180.4	—	—	7,180.4	1,416.2	—	—	1,416.2
April	7,653.5	—	—	7,653.5	1,450.5	—	—	1,450.5
May	7,406.9	—	—	7,406.9	1,429.7	—	—	1,429.7
June	7,777.1	—	—	7,777.1	1,505.3	—	—	1,505.3
July	7,730.5	—	—	7,730.5	1,515.1	—	—	1,515.1
August	7,488.2	—	—	7,488.2	1,464.1	—	—	1,464.1
September	7,412.6	—	—	7,412.6	1,422.0	—	—	1,422.0
October	7,410.9	—	—	7,410.9	1,453.9	—	—	1,453.9
November	7,176.5	—	—	7,176.5	1,416.7	—	—	1,416.7
December	7,295.9	—	—	7,295.9	1,451.7	—	—	1,451.7
1998 Average	7,362.6	—	—	7,362.6	1,440.0	—	—	1,440.0

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Subdistrict IC								
January	10,567.9	—	1,229.0	11,796.9	51,426.8	—	5,135.0	56,561.8
February	11,232.2	—	1,291.8	12,524.0	53,414.9	—	5,393.1	58,808.0
March	11,752.8	—	1,361.5	13,114.3	55,074.8	—	5,571.3	60,646.1
April	11,646.7	—	1,402.1	13,048.8	55,729.9	—	5,746.5	61,476.4
May	11,466.3	—	1,373.9	12,840.2	54,403.5	—	5,702.0	60,105.6
June	11,867.2	—	1,418.5	13,285.7	56,271.3	—	5,927.9	62,199.2
July	11,872.1	—	1,446.3	13,318.4	55,685.7	—	5,964.1	61,649.8
August	11,849.0	—	1,439.9	13,288.9	55,024.0	—	5,914.6	60,938.5
September	11,743.3	—	1,436.5	13,179.9	54,029.6	—	5,763.5	59,793.1
October	11,986.9	—	1,423.5	13,410.5	55,387.9	—	5,755.4	61,143.3
November	11,887.5	—	1,385.4	13,272.9	53,698.0	—	5,536.7	59,234.7
December	12,491.2	—	1,469.7	13,960.8	55,213.6	—	5,702.3	60,916.0
1998 Average	11,699.8	—	1,390.4	13,090.2	54,619.7	—	5,677.6	60,297.3
Florida								
January	4,574.9	—	—	4,574.9	19,602.3	—	—	19,602.3
February	4,814.3	—	—	4,814.3	20,295.5	—	—	20,295.5
March	5,017.2	—	—	5,017.2	20,812.8	—	—	20,812.8
April	4,716.1	—	—	4,716.1	19,970.5	—	—	19,970.5
May	4,632.4	—	—	4,632.4	19,250.7	—	—	19,250.7
June	4,710.0	—	—	4,710.0	19,313.2	—	—	19,313.2
July	4,530.5	—	—	4,530.5	18,847.7	—	—	18,847.7
August	4,572.5	—	—	4,572.5	18,924.4	—	—	18,924.4
September	4,538.1	—	—	4,538.1	18,744.6	—	—	18,744.6
October	4,717.1	—	—	4,717.1	19,686.9	—	—	19,686.9
November	4,690.7	—	—	4,690.7	19,160.5	—	—	19,160.5
December	4,938.2	—	—	4,938.2	19,910.1	—	—	19,910.1
1998 Average	4,703.9	—	—	4,703.9	19,539.8	—	—	19,539.8
Georgia								
January	2,158.5	—	—	2,158.5	11,182.5	—	—	11,182.5
February	2,274.5	—	—	2,274.5	11,615.6	—	—	11,615.6
March	2,458.5	—	—	2,458.5	12,134.4	—	—	12,134.4
April	2,462.5	—	—	2,462.5	12,405.3	—	—	12,405.3
May	2,438.5	—	—	2,438.5	12,187.3	—	—	12,187.3
June	2,546.9	—	—	2,546.9	12,668.7	—	—	12,668.7
July	2,533.1	—	—	2,533.1	12,528.7	—	—	12,528.7
August	2,521.3	—	—	2,521.3	12,268.7	—	—	12,268.7
September	2,484.3	—	—	2,484.3	11,938.1	—	—	11,938.1
October	2,541.3	—	—	2,541.3	12,341.8	—	—	12,341.8
November	2,515.6	—	—	2,515.6	11,843.5	—	—	11,843.5
December	2,671.2	—	—	2,671.2	12,245.4	—	—	12,245.4
1998 Average	2,468.4	—	—	2,468.4	12,116.3	—	—	12,116.3
North Carolina								
January	1,978.3	—	—	1,978.3	10,101.5	—	—	10,101.5
February	2,136.4	—	—	2,136.4	10,570.5	—	—	10,570.5
March	2,189.3	—	—	2,189.3	10,785.9	—	—	10,785.9
April	2,290.2	—	—	2,290.2	11,394.3	—	—	11,394.3
May	2,274.2	—	—	2,274.2	11,110.9	—	—	11,110.9
June	2,356.4	—	—	2,356.4	11,638.8	—	—	11,638.8
July	2,410.7	—	—	2,410.7	11,656.4	—	—	11,656.4
August	2,382.7	—	—	2,382.7	11,335.0	—	—	11,335.0
September	2,399.1	—	—	2,399.1	11,233.7	—	—	11,233.7
October	2,397.9	—	—	2,397.9	11,262.7	—	—	11,262.7
November	2,395.4	—	—	2,395.4	10,988.6	—	—	10,988.6
December	2,495.8	—	—	2,495.8	11,243.4	—	—	11,243.4
1998 Average	2,309.7	—	—	2,309.7	11,112.3	—	—	11,112.3

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
South Carolina								
January	3,607.0	—	—	3,607.0	623.3	—	—	623.3
February	3,763.2	—	—	3,763.2	654.6	—	—	654.6
March	3,865.5	—	—	3,865.5	681.1	—	—	681.1
April	4,007.6	—	—	4,007.6	660.8	—	—	660.8
May	3,901.7	—	—	3,901.7	651.9	—	—	651.9
June	4,110.9	—	—	4,110.9	695.7	—	—	695.7
July	4,086.5	—	—	4,086.5	695.1	—	—	695.1
August	4,012.3	—	—	4,012.3	678.7	—	—	678.7
September	3,948.4	—	—	3,948.4	635.6	—	—	635.6
October	3,900.2	—	—	3,900.2	649.6	—	—	649.6
November	3,723.6	—	—	3,723.6	621.5	—	—	621.5
December	3,783.5	—	—	3,783.5	631.8	—	—	631.8
1998 Average	3,893.0	—	—	3,893.0	656.7	—	—	656.7
Virginia								
January	2,800.0	—	3,135.4	5,935.4	487.6	—	770.6	1,258.3
February	2,855.4	—	3,298.3	6,153.7	494.9	—	803.0	1,297.9
March	2,960.8	—	3,394.2	6,355.1	503.5	—	815.6	1,319.1
April	3,285.2	—	3,496.0	6,781.3	550.3	—	848.4	1,398.7
May	3,208.8	—	3,473.8	6,682.6	540.3	—	854.3	1,394.6
June	3,541.4	—	3,619.9	7,161.3	572.3	—	889.5	1,461.8
July	3,335.3	—	3,627.1	6,962.3	580.4	—	890.8	1,471.2
August	3,296.2	—	3,592.3	6,888.5	570.0	—	882.4	1,452.4
September	3,164.5	—	3,479.9	6,644.4	555.6	—	847.1	1,402.7
October	3,163.3	—	3,483.3	6,646.5	561.3	—	848.6	1,409.8
November	3,120.6	—	3,310.2	6,430.9	552.0	—	841.1	1,393.1
December	3,019.6	—	3,392.0	6,411.6	580.1	—	840.6	1,420.8
1998 Average	3,146.9	—	3,442.7	6,589.5	546.0	—	844.5	1,390.5
West Virginia								
January	987.3	—	—	987.3	178.9	—	—	178.9
February	982.4	—	—	982.4	175.8	—	—	175.8
March	1,058.6	—	—	1,058.6	184.4	—	—	184.4
April	1,100.2	—	—	1,100.2	177.9	—	—	177.9
May	1,247.2	—	—	1,247.2	183.5	—	—	183.5
June	1,289.9	—	—	1,289.9	186.6	—	—	186.6
July	1,356.4	—	—	1,356.4	201.5	—	—	201.5
August	1,365.6	—	—	1,365.6	200.5	—	—	200.5
September	1,301.9	—	—	1,301.9	185.3	—	—	185.3
October	1,296.2	—	—	1,296.2	195.4	—	—	195.4
November	1,218.5	—	—	1,218.5	183.2	—	—	183.2
December	1,224.6	—	—	1,224.6	189.2	—	—	189.2
1998 Average	1,203.9	—	—	1,203.9	187.0	—	—	187.0
PAD District II								
January	58,946.2	4,472.0	7,286.1	70,704.4	7,248.5	672.1	1,836.1	9,756.7
February	61,024.4	4,574.0	7,567.0	73,165.4	6,869.1	740.3	1,669.2	9,278.5
March	62,878.8	4,428.6	7,792.9	75,100.3	7,186.8	692.7	1,665.5	9,545.1
April	65,885.6	4,908.4	7,901.5	78,695.5	6,988.5	754.1	1,613.8	9,356.4
May	67,380.4	5,068.5	7,815.2	80,264.1	7,098.3	747.4	1,626.5	9,472.2
June	70,304.8	5,586.1	8,030.9	83,921.8	7,333.6	808.1	1,656.0	9,797.8
July	69,848.1	5,467.8	8,021.5	83,337.4	7,489.5	814.6	1,734.9	10,039.1
August	68,126.4	4,987.9	7,971.1	81,085.4	7,418.5	771.3	1,696.9	9,886.7
September	66,620.7	4,865.1	7,663.7	79,149.5	7,263.9	791.5	1,653.1	9,708.6
October	66,863.0	4,861.2	7,858.6	79,582.8	7,557.5	801.9	1,717.1	10,076.4
November	63,984.8	4,683.1	7,705.9	76,373.9	7,348.5	762.8	1,672.4	9,783.7
December	65,330.0	4,699.8	7,916.2	77,946.0	7,352.1	795.0	1,682.5	9,829.5
1998 Average	65,625.0	4,884.7	7,795.7	78,305.4	7,266.5	762.7	1,685.9	9,715.0

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
South Carolina								
January	920.7	—	—	920.7	5,151.0	—	—	5,151.0
February	1,035.1	—	—	1,035.1	5,452.9	—	—	5,452.9
March	1,060.2	—	—	1,060.2	5,606.8	—	—	5,606.8
April	1,060.7	—	—	1,060.7	5,729.1	—	—	5,729.1
May	1,037.1	—	—	1,037.1	5,590.7	—	—	5,590.7
June	1,135.8	—	—	1,135.8	5,942.4	—	—	5,942.4
July	1,156.8	—	—	1,156.8	5,938.5	—	—	5,938.5
August	1,141.9	—	—	1,141.9	5,832.9	—	—	5,832.9
September	1,111.4	—	—	1,111.4	5,695.3	—	—	5,695.3
October	1,124.2	—	—	1,124.2	5,674.0	—	—	5,674.0
November	1,075.0	—	—	1,075.0	5,420.1	—	—	5,420.1
December	1,164.1	—	—	1,164.1	5,579.4	—	—	5,579.4
1998 Average	1,085.5	—	—	1,085.5	5,635.2	—	—	5,635.2
Virginia								
January	752.0	—	1,229.0	1,981.0	4,039.6	—	5,135.0	9,174.6
February	786.6	—	1,291.8	2,078.4	4,136.9	—	5,393.1	9,530.0
March	824.3	—	1,361.5	2,185.8	4,288.6	—	5,571.3	9,859.9
April	908.2	—	1,402.1	2,310.3	4,743.8	—	5,746.5	10,490.3
May	883.5	—	1,373.9	2,257.4	4,632.5	—	5,702.0	10,334.5
June	912.3	—	1,418.5	2,330.8	5,026.0	—	5,927.9	10,953.9
July	983.5	—	1,446.3	2,429.7	4,899.1	—	5,964.1	10,863.2
August	947.5	—	1,439.9	2,387.5	4,813.7	—	5,914.6	10,728.3
September	955.8	—	1,436.5	2,392.3	4,675.9	—	5,763.5	10,439.4
October	935.4	—	1,423.5	2,358.9	4,659.9	—	5,755.4	10,415.3
November	946.7	—	1,385.4	2,332.1	4,619.4	—	5,536.7	10,156.1
December	966.7	—	1,469.7	2,436.4	4,566.5	—	5,702.3	10,268.8
1998 Average	900.8	—	1,390.4	2,291.2	4,593.6	—	5,677.6	10,271.3
West Virginia								
January	183.5	—	—	183.5	1,349.7	—	—	1,349.7
February	185.4	—	—	185.4	1,343.6	—	—	1,343.6
March	203.4	—	—	203.4	1,446.4	—	—	1,446.4
April	208.9	—	—	208.9	1,487.0	—	—	1,487.0
May	200.7	—	—	200.7	1,631.5	—	—	1,631.5
June	205.8	—	—	205.8	1,682.3	—	—	1,682.3
July	257.4	—	—	257.4	1,815.3	—	—	1,815.3
August	283.0	—	—	283.0	1,849.2	—	—	1,849.2
September	254.7	—	—	254.7	1,741.9	—	—	1,741.9
October	271.1	—	—	271.1	1,762.7	—	—	1,762.7
November	264.2	—	—	264.2	1,665.8	—	—	1,665.8
December	255.3	—	—	255.3	1,669.0	—	—	1,669.0
1998 Average	231.5	—	—	231.5	1,622.4	—	—	1,622.4
PAD District II								
January	10,421.2	404.1	2,049.4	12,874.6	76,615.9	5,548.3	11,171.6	93,335.8
February	10,223.8	369.1	2,005.9	12,598.8	78,117.3	5,683.3	11,242.1	95,042.7
March	10,728.6	351.4	2,075.5	13,155.5	80,794.2	5,472.7	11,533.9	97,800.8
April	11,197.8	372.7	1,978.6	13,549.1	84,072.0	6,035.3	11,493.8	101,601.1
May	11,526.3	393.7	2,018.2	13,938.2	86,005.0	6,209.6	11,459.9	103,674.5
June	12,233.7	430.4	2,044.0	14,708.2	89,872.2	6,824.6	11,730.9	108,427.7
July	12,576.5	428.1	2,099.4	15,104.1	89,914.2	6,710.5	11,855.8	108,480.5
August	12,261.1	368.0	2,105.5	14,734.6	87,806.1	6,127.2	11,773.5	105,706.7
September	11,997.6	377.5	2,070.9	14,446.0	85,882.2	6,034.1	11,387.7	103,304.1
October	11,716.9	433.4	2,100.6	14,250.9	86,137.4	6,096.4	11,676.4	103,910.1
November	11,763.9	414.5	2,102.8	14,281.2	83,097.3	5,860.5	11,481.1	100,438.8
December	12,607.7	443.6	2,241.9	15,293.2	85,289.8	5,938.4	11,840.5	103,068.7
1998 Average	11,613.8	399.1	2,075.2	14,088.2	84,505.3	6,046.5	11,556.8	102,108.6

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
Illinois								
January	4,166.9	—	4,193.1	8,360.0	436.9	—	1,329.7	1,766.6
February	4,217.2	—	4,448.0	8,665.2	427.0	—	1,173.4	1,600.4
March	4,407.0	—	4,563.4	8,970.4	513.2	—	1,165.5	1,678.7
April	4,532.9	—	4,598.9	9,131.8	452.8	—	1,132.4	1,585.2
May	4,824.6	—	4,530.8	9,355.4	388.7	—	1,143.3	1,532.0
June	4,916.6	—	4,608.6	9,525.2	390.5	—	1,150.3	1,540.8
July	4,769.3	—	4,580.1	9,349.4	432.6	—	1,192.0	1,624.6
August	4,759.3	—	4,553.4	9,312.7	477.5	—	1,161.1	1,638.6
September	4,654.5	—	4,446.5	9,101.0	443.5	—	1,142.4	1,586.0
October	4,404.5	—	4,583.5	8,988.1	517.6	—	1,206.0	1,723.6
November	4,337.1	—	4,522.1	8,859.2	525.1	—	1,173.9	1,699.0
December	4,526.5	—	4,617.2	9,143.7	400.2	—	1,164.5	1,564.7
1998 Average	4,545.0	—	4,520.8	9,065.8	450.7	—	1,178.2	1,628.9
Indiana								
January	4,825.5	—	696.8	5,522.3	788.2	—	135.3	923.5
February	5,265.5	—	698.2	5,963.8	713.6	—	129.2	842.8
March	5,300.5	—	703.8	6,004.2	753.2	—	128.6	881.7
April	5,511.0	—	814.2	6,325.2	755.8	—	127.0	882.8
May	5,627.1	—	793.6	6,420.7	777.2	—	124.6	901.8
June	5,988.1	—	860.9	6,849.0	801.8	—	132.6	934.4
July	5,735.3	—	1,024.3	6,759.6	786.5	—	165.0	951.5
August	5,653.3	—	1,026.4	6,679.7	764.7	—	162.1	926.7
September	5,372.0	—	912.7	6,284.7	757.2	—	148.3	905.4
October	5,556.4	—	880.5	6,436.9	806.3	—	138.1	944.4
November	5,398.6	—	851.8	6,250.4	772.0	—	132.9	905.0
December	5,519.7	—	868.5	6,388.2	783.6	—	140.5	924.1
1998 Average	5,480.2	—	845.3	6,325.5	772.1	—	138.8	910.9
Iowa								
January	3,074.0	—	—	3,074.0	291.9	—	—	291.9
February	3,071.6	—	—	3,071.6	281.4	—	—	281.4
March	3,097.6	—	—	3,097.6	300.4	—	—	300.4
April	3,455.2	—	—	3,455.2	297.2	—	—	297.2
May	3,607.8	—	—	3,607.8	307.3	—	—	307.3
June	3,871.6	—	—	3,871.6	314.8	—	—	314.8
July	3,830.8	—	—	3,830.8	324.4	—	—	324.4
August	3,610.6	—	—	3,610.6	334.8	—	—	334.8
September	3,592.8	—	—	3,592.8	349.9	—	—	349.9
October	3,581.1	—	—	3,581.1	367.6	—	—	367.6
November	3,404.1	—	—	3,404.1	381.2	—	—	381.2
December	3,493.4	—	—	3,493.4	369.5	—	—	369.5
1998 Average	3,476.4	—	—	3,476.4	327.0	—	—	327.0
Kansas								
January	3,411.6	—	—	3,411.6	142.1	—	—	142.1
February	3,421.8	—	—	3,421.8	138.8	—	—	138.8
March	3,504.4	—	—	3,504.4	151.8	—	—	151.8
April	3,657.7	—	—	3,657.7	146.8	—	—	146.8
May	3,723.1	—	—	3,723.1	149.5	—	—	149.5
June	3,888.9	—	—	3,888.9	163.6	—	—	163.6
July	3,653.8	—	—	3,653.8	161.8	—	—	161.8
August	3,600.6	—	—	3,600.6	164.4	—	—	164.4
September	3,528.1	—	—	3,528.1	160.9	—	—	160.9
October	3,576.6	—	—	3,576.6	163.1	—	—	163.1
November	3,372.8	—	—	3,372.8	172.1	—	—	172.1
December	3,526.8	—	—	3,526.8	182.6	—	—	182.6
1998 Average	3,573.0	—	—	3,573.0	158.3	—	—	158.3

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
Illinois								
January	555.1	—	1,444.5	1,999.5	5,159.0	—	6,967.3	12,126.2
February	518.9	—	1,420.6	1,939.6	5,163.1	—	7,042.0	12,205.1
March	570.7	—	1,454.1	2,024.8	5,491.0	—	7,182.9	12,673.9
April	547.1	—	1,367.5	1,914.6	5,532.8	—	7,098.8	12,631.6
May	601.7	—	1,386.0	1,987.7	5,815.0	—	7,060.0	12,875.1
June	608.1	—	1,385.0	1,993.1	5,915.2	—	7,143.9	13,059.1
July	624.3	—	1,398.9	2,023.1	5,826.1	—	7,171.0	12,997.2
August	593.6	—	1,410.9	2,004.5	5,830.5	—	7,125.5	12,955.9
September	569.8	—	1,397.7	1,967.4	5,667.8	—	6,986.6	12,654.4
October	592.2	—	1,445.2	2,037.4	5,514.3	—	7,234.7	12,749.0
November	591.5	—	1,444.7	2,036.2	5,453.8	—	7,140.7	12,594.4
December	626.0	—	1,518.2	2,144.3	5,552.8	—	7,299.9	12,852.7
1998 Average	583.8	—	1,423.0	2,006.9	5,579.5	—	7,122.1	12,701.5
Indiana								
January	992.6	—	179.3	1,171.9	6,606.3	—	1,011.4	7,617.7
February	987.2	—	176.7	1,163.9	6,966.3	—	1,004.1	7,970.4
March	1,040.7	—	184.6	1,225.3	7,094.4	—	1,016.9	8,111.3
April	1,005.7	—	191.8	1,197.5	7,272.5	—	1,133.0	8,405.5
May	996.8	—	199.1	1,195.9	7,401.1	—	1,117.3	8,518.4
June	1,059.6	—	212.8	1,272.4	7,849.5	—	1,206.3	9,055.9
July	1,089.6	—	257.3	1,346.9	7,611.4	—	1,446.6	9,058.0
August	1,096.2	—	250.0	1,346.2	7,514.2	—	1,438.5	8,952.7
September	1,107.7	—	242.7	1,350.4	7,236.9	—	1,303.6	8,540.5
October	1,085.3	—	221.3	1,306.5	7,448.0	—	1,239.8	8,687.8
November	1,098.6	—	222.8	1,321.4	7,269.2	—	1,207.6	8,476.7
December	1,171.0	—	236.4	1,407.4	7,474.3	—	1,245.3	8,719.6
1998 Average	1,061.4	—	214.8	1,276.3	7,313.8	—	1,199.0	8,512.8
Iowa								
January	258.2	—	—	258.2	3,624.2	—	—	3,624.2
February	237.8	—	—	237.8	3,590.8	—	—	3,590.8
March	251.2	—	—	251.2	3,649.2	—	—	3,649.2
April	275.2	—	—	275.2	4,027.6	—	—	4,027.6
May	296.9	—	—	296.9	4,212.0	—	—	4,212.0
June	316.7	—	—	316.7	4,503.1	—	—	4,503.1
July	320.8	—	—	320.8	4,476.0	—	—	4,476.0
August	284.0	—	—	284.0	4,229.5	—	—	4,229.5
September	269.4	—	—	269.4	4,212.0	—	—	4,212.0
October	256.8	—	—	256.8	4,205.5	—	—	4,205.5
November	257.7	—	—	257.7	4,043.0	—	—	4,043.0
December	292.2	—	—	292.2	4,155.1	—	—	4,155.1
1998 Average	276.7	—	—	276.7	4,080.0	—	—	4,080.0
Kansas								
January	358.6	—	—	358.6	3,912.3	—	—	3,912.3
February	348.4	—	—	348.4	3,908.9	—	—	3,908.9
March	380.4	—	—	380.4	4,036.6	—	—	4,036.6
April	377.2	—	—	377.2	4,181.7	—	—	4,181.7
May	406.9	—	—	406.9	4,279.4	—	—	4,279.4
June	421.7	—	—	421.7	4,474.2	—	—	4,474.2
July	417.5	—	—	417.5	4,233.1	—	—	4,233.1
August	419.2	—	—	419.2	4,184.1	—	—	4,184.1
September	419.2	—	—	419.2	4,108.3	—	—	4,108.3
October	406.2	—	—	406.2	4,145.9	—	—	4,145.9
November	416.8	—	—	416.8	3,961.7	—	—	3,961.7
December	460.3	—	—	460.3	4,169.8	—	—	4,169.8
1998 Average	403.1	—	—	403.1	4,134.3	—	—	4,134.3

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
Kentucky								
January	2,866.6	—	853.9	3,720.5	381.1	—	166.5	547.6
February	2,890.1	—	848.2	3,738.3	394.5	—	171.9	566.4
March	3,124.9	—	911.4	4,036.4	415.4	—	173.5	588.9
April	3,226.0	—	936.3	4,162.3	435.9	—	173.8	609.6
May	3,351.6	—	942.6	4,294.2	469.7	—	177.1	646.8
June	3,489.6	—	1,022.0	4,511.6	482.0	—	192.6	674.5
July	3,391.7	—	977.8	4,369.5	454.2	—	205.8	660.0
August	3,188.4	—	974.1	4,162.5	428.5	—	206.3	634.8
September	3,172.7	—	936.9	4,109.5	416.8	—	197.4	614.2
October	3,183.7	—	995.7	4,179.4	449.3	—	201.9	651.2
November	2,970.2	—	975.7	3,945.9	439.7	—	200.5	640.2
December	3,104.3	—	988.6	4,092.9	424.4	—	203.8	628.2
1998 Average	3,165.0	—	947.5	4,112.5	432.8	—	189.4	622.2
Michigan								
January	9,107.9	—	—	9,107.9	1,232.5	—	—	1,232.5
February	9,617.7	—	—	9,617.7	1,013.4	—	—	1,013.4
March	9,776.2	—	—	9,776.2	1,020.9	—	—	1,020.9
April	9,979.4	—	—	9,979.4	915.8	—	—	915.8
May	10,299.1	—	—	10,299.1	952.6	—	—	952.6
June	10,777.3	—	—	10,777.3	1,000.4	—	—	1,000.4
July	10,950.0	—	—	10,950.0	1,056.8	—	—	1,056.8
August	10,778.7	—	—	10,778.7	1,106.1	—	—	1,106.1
September	10,462.9	—	—	10,462.9	1,065.0	—	—	1,065.0
October	10,461.7	—	—	10,461.7	1,083.6	—	—	1,083.6
November	10,142.2	—	—	10,142.2	1,029.0	—	—	1,029.0
December	10,249.0	—	—	10,249.0	1,082.9	—	—	1,082.9
1998 Average	10,220.4	—	—	10,220.4	1,047.4	—	—	1,047.4
Minnesota								
January	—	4,472.0	—	4,472.0	—	672.1	—	672.1
February	—	4,574.0	—	4,574.0	—	740.3	—	740.3
March	—	4,428.6	—	4,428.6	—	692.7	—	692.7
April	—	4,908.4	—	4,908.4	—	754.1	—	754.1
May	—	5,068.5	—	5,068.5	—	747.4	—	747.4
June	—	5,586.1	—	5,586.1	—	808.1	—	808.1
July	—	5,467.8	—	5,467.8	—	814.6	—	814.6
August	—	4,987.9	—	4,987.9	—	771.3	—	771.3
September	—	4,865.1	—	4,865.1	—	791.5	—	791.5
October	—	4,861.2	—	4,861.2	—	801.9	—	801.9
November	—	4,683.1	—	4,683.1	—	762.8	—	762.8
December	—	4,699.8	—	4,699.8	—	795.0	—	795.0
1998 Average	—	4,884.7	—	4,884.7	—	762.7	—	762.7
Missouri								
January	5,511.1	—	—	5,511.1	457.4	—	—	457.4
February	5,729.9	—	—	5,729.9	470.1	—	—	470.1
March	5,943.3	—	—	5,943.3	484.8	—	—	484.8
April	6,082.9	—	—	6,082.9	439.6	—	—	439.6
May	6,317.2	—	—	6,317.2	430.6	—	—	430.6
June	6,609.0	—	—	6,609.0	460.1	—	—	460.1
July	6,342.9	—	—	6,342.9	459.3	—	—	459.3
August	6,212.1	—	—	6,212.1	460.3	—	—	460.3
September	6,132.4	—	—	6,132.4	458.5	—	—	458.5
October	6,191.8	—	—	6,191.8	474.7	—	—	474.7
November	6,035.5	—	—	6,035.5	473.1	—	—	473.1
December	6,151.0	—	—	6,151.0	490.4	—	—	490.4
1998 Average	6,106.8	—	—	6,106.8	463.2	—	—	463.2

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Kentucky								
January	706.3	—	196.9	903.2	3,954.0	—	1,217.3	5,171.4
February	712.9	—	193.3	906.2	3,997.5	—	1,213.4	5,210.9
March	776.0	—	210.6	986.6	4,316.4	—	1,295.5	5,611.8
April	802.0	—	210.2	1,012.2	4,463.9	—	1,320.2	5,784.1
May	783.6	—	210.7	994.3	4,604.9	—	1,330.4	5,935.4
June	830.3	—	214.7	1,045.0	4,801.9	—	1,429.3	6,231.2
July	839.6	—	211.8	1,051.4	4,685.5	—	1,395.4	6,080.9
August	808.4	—	218.2	1,026.6	4,425.3	—	1,398.6	5,823.9
September	833.0	—	212.3	1,045.3	4,422.4	—	1,346.6	5,769.1
October	820.0	—	218.0	1,038.0	4,453.0	—	1,415.6	5,868.6
November	802.9	—	224.2	1,027.1	4,212.8	—	1,400.4	5,613.2
December	894.7	—	253.8	1,148.5	4,423.4	—	1,446.3	5,869.7
1998 Average	801.4	—	214.7	1,016.1	4,399.2	—	1,351.6	5,750.8
Michigan								
January	1,663.2	—	—	1,663.2	12,003.6	—	—	12,003.6
February	1,543.0	—	—	1,543.0	12,174.1	—	—	12,174.1
March	1,617.2	—	—	1,617.2	12,414.3	—	—	12,414.3
April	1,604.3	—	—	1,604.3	12,499.5	—	—	12,499.5
May	1,655.4	—	—	1,655.4	12,907.2	—	—	12,907.2
June	1,781.8	—	—	1,781.8	13,559.5	—	—	13,559.5
July	1,872.1	—	—	1,872.1	13,879.0	—	—	13,879.0
August	1,849.3	—	—	1,849.3	13,734.1	—	—	13,734.1
September	1,804.6	—	—	1,804.6	13,332.5	—	—	13,332.5
October	1,765.2	—	—	1,765.2	13,310.5	—	—	13,310.5
November	1,721.7	—	—	1,721.7	12,893.0	—	—	12,893.0
December	1,906.5	—	—	1,906.5	13,238.4	—	—	13,238.4
1998 Average	1,733.6	—	—	1,733.6	13,001.4	—	—	13,001.4
Minnesota								
January	187.0	404.1	—	591.1	187.0	5,548.3	—	5,735.2
February	182.3	369.1	—	551.4	182.3	5,683.3	—	5,865.6
March	141.5	351.4	—	492.9	141.5	5,472.7	—	5,614.2
April	204.8	372.7	—	577.5	204.8	6,035.3	—	6,240.1
May	251.9	393.7	—	645.6	251.9	6,209.6	—	6,461.5
June	287.0	430.4	—	717.4	287.0	6,824.6	—	7,111.6
July	346.8	428.1	—	774.9	346.8	6,710.5	—	7,057.3
August	326.5	368.0	—	694.4	326.5	6,127.2	—	6,453.6
September	253.1	377.5	—	630.6	253.1	6,034.1	—	6,287.2
October	161.3	433.4	—	594.7	161.3	6,096.4	—	6,257.7
November	196.5	414.5	—	611.0	196.5	5,860.5	—	6,056.9
December	199.2	443.6	—	642.8	199.2	5,938.4	—	6,137.6
1998 Average	228.4	399.1	—	627.6	228.4	6,046.5	—	6,274.9
Missouri								
January	782.6	—	—	782.6	6,751.1	—	—	6,751.1
February	788.7	—	—	788.7	6,988.7	—	—	6,988.7
March	850.0	—	—	850.0	7,278.2	—	—	7,278.2
April	872.3	—	—	872.3	7,394.8	—	—	7,394.8
May	886.2	—	—	886.2	7,633.9	—	—	7,633.9
June	941.2	—	—	941.2	8,010.3	—	—	8,010.3
July	965.3	—	—	965.3	7,767.5	—	—	7,767.5
August	959.3	—	—	959.3	7,631.7	—	—	7,631.7
September	926.0	—	—	926.0	7,516.8	—	—	7,516.8
October	921.6	—	—	921.6	7,588.1	—	—	7,588.1
November	933.0	—	—	933.0	7,441.6	—	—	7,441.6
December	1,004.1	—	—	1,004.1	7,645.5	—	—	7,645.5
1998 Average	903.3	—	—	903.3	7,473.3	—	—	7,473.3

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								
January	1,832.9	—	—	1,832.9	110.7	—	—	110.7
February	1,780.0	—	—	1,780.0	98.1	—	—	98.1
March	1,786.6	—	—	1,786.6	103.4	—	—	103.4
April	2,036.9	—	—	2,036.9	108.4	—	—	108.4
May	1,977.4	—	—	1,977.4	112.4	—	—	112.4
June	2,259.4	—	—	2,259.4	121.3	—	—	121.3
July	2,229.3	—	—	2,229.3	118.7	—	—	118.7
August	2,108.6	—	—	2,108.6	111.7	—	—	111.7
September	2,129.9	—	—	2,129.9	113.7	—	—	113.7
October	2,068.7	—	—	2,068.7	114.3	—	—	114.3
November	1,910.1	—	—	1,910.1	102.3	—	—	102.3
December	1,920.0	—	—	1,920.0	122.0	—	—	122.0
1998 Average	2,004.3	—	—	2,004.3	111.5	—	—	111.5
North Dakota								
January	808.4	—	—	808.4	44.4	—	—	44.4
February	733.3	—	—	733.3	30.6	—	—	30.6
March	779.1	—	—	779.1	36.9	—	—	36.9
April	897.3	—	—	897.3	36.4	—	—	36.4
May	909.7	—	—	909.7	37.4	—	—	37.4
June	1,047.3	—	—	1,047.3	38.0	—	—	38.0
July	1,133.1	—	—	1,133.1	44.3	—	—	44.3
August	1,001.7	—	—	1,001.7	42.8	—	—	42.8
September	959.4	—	—	959.4	43.5	—	—	43.5
October	939.7	—	—	939.7	43.6	—	—	43.6
November	876.1	—	—	876.1	45.4	—	—	45.4
December	906.0	—	—	906.0	47.1	—	—	47.1
1998 Average	917.1	—	—	917.1	41.0	—	—	41.0
Ohio								
January	9,471.3	—	—	9,471.3	1,746.2	—	—	1,746.2
February	10,093.3	—	—	10,093.3	1,673.1	—	—	1,673.1
March	10,460.5	—	—	10,460.5	1,720.6	—	—	1,720.6
April	10,797.7	—	—	10,797.7	1,719.6	—	—	1,719.6
May	11,041.5	—	—	11,041.5	1,780.1	—	—	1,780.1
June	11,159.5	—	—	11,159.5	1,819.2	—	—	1,819.2
July	11,276.8	—	—	11,276.8	1,863.8	—	—	1,863.8
August	11,016.5	—	—	11,016.5	1,813.7	—	—	1,813.7
September	10,681.0	—	—	10,681.0	1,742.0	—	—	1,742.0
October	10,990.5	—	—	10,990.5	1,785.7	—	—	1,785.7
November	10,464.6	—	—	10,464.6	1,722.2	—	—	1,722.2
December	10,402.8	—	—	10,402.8	1,771.5	—	—	1,771.5
1998 Average	10,658.0	—	—	10,658.0	1,764.0	—	—	1,764.0
Oklahoma								
January	4,133.6	—	—	4,133.6	206.5	—	—	206.5
February	4,103.3	—	—	4,103.3	208.2	—	—	208.2
March	4,359.3	—	—	4,359.3	221.9	—	—	221.9
April	4,505.4	—	—	4,505.4	215.6	—	—	215.6
May	4,579.9	—	—	4,579.9	212.8	—	—	212.8
June	4,676.9	—	—	4,676.9	219.6	—	—	219.6
July	4,446.7	—	—	4,446.7	230.3	—	—	230.3
August	4,388.8	—	—	4,388.8	225.1	—	—	225.1
September	4,650.7	—	—	4,650.7	219.6	—	—	219.6
October	4,466.2	—	—	4,466.2	214.0	—	—	214.0
November	4,273.9	—	—	4,273.9	221.6	—	—	221.6
December	4,702.9	—	—	4,702.9	223.5	—	—	223.5
1998 Average	4,442.5	—	—	4,442.5	218.3	—	—	218.3

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								
January	138.4	—	—	138.4	2,082.1	—	—	2,082.1
February	128.6	—	—	128.6	2,006.7	—	—	2,006.7
March	135.3	—	—	135.3	2,025.3	—	—	2,025.3
April	154.2	—	—	154.2	2,299.4	—	—	2,299.4
May	163.2	—	—	163.2	2,253.0	—	—	2,253.0
June	186.1	—	—	186.1	2,566.7	—	—	2,566.7
July	185.7	—	—	185.7	2,533.7	—	—	2,533.7
August	180.9	—	—	180.9	2,401.1	—	—	2,401.1
September	174.8	—	—	174.8	2,418.5	—	—	2,418.5
October	167.2	—	—	167.2	2,350.2	—	—	2,350.2
November	162.5	—	—	162.5	2,174.9	—	—	2,174.9
December	170.2	—	—	170.2	2,212.2	—	—	2,212.2
1998 Average	162.5	—	—	162.5	2,278.2	—	—	2,278.2
North Dakota								
January	60.5	—	—	60.5	913.3	—	—	913.3
February	50.1	—	—	50.1	814.0	—	—	814.0
March	51.1	—	—	51.1	867.1	—	—	867.1
April	54.2	—	—	54.2	987.9	—	—	987.9
May	59.3	—	—	59.3	1,006.4	—	—	1,006.4
June	80.0	—	—	80.0	1,165.3	—	—	1,165.3
July	83.2	—	—	83.2	1,260.6	—	—	1,260.6
August	71.2	—	—	71.2	1,115.8	—	—	1,115.8
September	67.2	—	—	67.2	1,070.1	—	—	1,070.1
October	63.2	—	—	63.2	1,046.5	—	—	1,046.5
November	63.7	—	—	63.7	985.2	—	—	985.2
December	71.2	—	—	71.2	1,024.3	—	—	1,024.3
1998 Average	64.7	—	—	64.7	1,022.7	—	—	1,022.7
Ohio								
January	1,741.6	—	—	1,741.6	12,959.1	—	—	12,959.1
February	1,741.4	—	—	1,741.4	13,507.8	—	—	13,507.8
March	1,814.2	—	—	1,814.2	13,995.4	—	—	13,995.4
April	1,783.0	—	—	1,783.0	14,300.4	—	—	14,300.4
May	1,820.0	—	—	1,820.0	14,641.6	—	—	14,641.6
June	1,932.5	—	—	1,932.5	14,911.2	—	—	14,911.2
July	2,019.5	—	—	2,019.5	15,160.1	—	—	15,160.1
August	2,032.5	—	—	2,032.5	14,862.7	—	—	14,862.7
September	1,957.0	—	—	1,957.0	14,380.0	—	—	14,380.0
October	1,962.2	—	—	1,962.2	14,738.4	—	—	14,738.4
November	1,959.9	—	—	1,959.9	14,146.6	—	—	14,146.6
December	2,079.8	—	—	2,079.8	14,254.0	—	—	14,254.0
1998 Average	1,904.9	—	—	1,904.9	14,326.9	—	—	14,326.9
Oklahoma								
January	741.9	—	—	741.9	5,082.1	—	—	5,082.1
February	726.6	—	—	726.6	5,038.0	—	—	5,038.0
March	751.9	—	—	751.9	5,333.2	—	—	5,333.2
April	1,010.2	—	—	1,010.2	5,731.3	—	—	5,731.3
May	1,023.7	—	—	1,023.7	5,816.5	—	—	5,816.5
June	1,049.3	—	—	1,049.3	5,945.8	—	—	5,945.8
July	893.6	—	—	893.6	5,570.7	—	—	5,570.7
August	919.3	—	—	919.3	5,533.2	—	—	5,533.2
September	957.0	—	—	957.0	5,827.3	—	—	5,827.3
October	925.5	—	—	925.5	5,605.7	—	—	5,605.7
November	944.7	—	—	944.7	5,440.2	—	—	5,440.2
December	997.2	—	—	997.2	5,923.6	—	—	5,923.6
1998 Average	912.4	—	—	912.4	5,573.2	—	—	5,573.2

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Regular				Midgrade			
	Conventional ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
South Dakota								
January	878.7	—	—	878.7	57.6	—	—	57.6
February	843.4	—	—	843.4	56.4	—	—	56.4
March	873.5	—	—	873.5	60.5	—	—	60.5
April	984.4	—	—	984.4	66.2	—	—	66.2
May	1,017.9	—	—	1,017.9	59.9	—	—	59.9
June	1,157.4	—	—	1,157.4	59.5	—	—	59.5
July	1,282.1	—	—	1,282.1	63.9	—	—	63.9
August	1,159.9	—	—	1,159.9	54.9	—	—	54.9
September	1,035.6	—	—	1,035.6	52.9	—	—	52.9
October	1,102.6	—	—	1,102.6	54.5	—	—	54.5
November	947.8	—	—	947.8	50.1	—	—	50.1
December	1,050.7	—	—	1,050.7	55.0	—	—	55.0
1998 Average	1,029.3	—	—	1,029.3	57.6	—	—	57.6
Tennessee								
January	5,260.3	—	—	5,260.3	1,126.5	—	—	1,126.5
February	5,619.0	—	—	5,619.0	1,156.9	—	—	1,156.9
March	5,721.1	—	—	5,721.1	1,190.4	—	—	1,190.4
April	6,040.2	—	—	6,040.2	1,193.0	—	—	1,193.0
May	5,917.1	—	—	5,917.1	1,212.8	—	—	1,212.8
June	6,100.8	—	—	6,100.8	1,251.5	—	—	1,251.5
July	6,184.1	—	—	6,184.1	1,260.9	—	—	1,260.9
August	6,120.4	—	—	6,120.4	1,207.5	—	—	1,207.5
September	6,001.9	—	—	6,001.9	1,232.5	—	—	1,232.5
October	5,936.5	—	—	5,936.5	1,263.9	—	—	1,263.9
November	5,772.3	—	—	5,772.3	1,228.6	—	—	1,228.6
December	5,653.2	—	—	5,653.2	1,191.1	—	—	1,191.1
1998 Average	5,861.3	—	—	5,861.3	1,209.9	—	—	1,209.9
Wisconsin								
January	3,597.2	—	1,542.4	5,139.5	226.5	—	204.6	431.0
February	3,638.3	—	1,572.6	5,210.9	207.1	—	194.8	401.9
March	3,744.7	—	1,614.3	5,359.0	213.4	—	198.1	411.5
April	4,178.7	—	1,552.2	5,730.9	205.4	—	180.6	386.0
May	4,186.5	—	1,548.1	5,734.6	207.2	—	181.5	388.7
June	4,362.5	—	1,539.3	5,901.8	211.4	—	180.5	391.9
July	4,622.3	—	1,439.2	6,061.5	232.0	—	172.1	404.1
August	4,527.4	—	1,417.1	5,944.5	226.5	—	167.4	393.9
September	4,246.8	—	1,367.6	5,614.4	208.0	—	165.0	373.0
October	4,403.2	—	1,398.9	5,802.1	219.1	—	171.1	390.3
November	4,079.6	—	1,356.3	5,435.9	186.1	—	165.0	351.1
December	4,123.5	—	1,441.9	5,565.5	208.2	—	173.6	381.8
1998 Average	4,145.9	—	1,482.1	5,628.0	212.7	—	179.5	392.2
PAD District III								
January	25,538.8	1,033.0	7,793.3	34,365.1	3,799.6	113.5	1,613.5	5,526.6
February	27,212.7	1,089.6	7,968.4	36,270.7	3,930.8	115.9	1,647.3	5,693.9
March	28,030.2	711.0	8,215.1	36,956.3	4,141.5	72.7	1,682.7	5,896.8
April	29,442.1	W	W	37,870.0	W	W	W	5,994.9
May	29,901.7	W	W	38,427.5	4,383.1	W	W	6,137.9
June	31,179.2	W	W	40,005.4	W	W	W	6,161.0
July	W	W	8,649.3	39,541.8	W	W	1,753.4	6,014.0
August	29,669.5	W	W	38,122.8	W	W	W	5,782.2
September	29,287.8	231.7	8,139.2	37,658.7	4,067.1	22.5	1,688.1	5,777.6
October	29,440.8	688.3	8,508.5	38,637.7	4,149.7	58.1	1,740.4	5,948.1
November	28,117.6	931.0	8,089.4	37,138.0	3,946.5	92.9	1,658.8	5,698.2
December	28,905.3	1,002.8	8,233.4	38,141.5	4,095.7	79.4	1,672.3	5,847.4
1998 Average	28,972.9	491.0	8,305.1	37,769.1	4,124.4	49.3	1,700.6	5,874.3

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
South Dakota								
January	62.5	—	—	62.5	998.9	—	—	998.9
February	56.4	—	—	56.4	956.2	—	—	956.2
March	62.5	—	—	62.5	996.5	—	—	996.5
April	191.7	—	—	191.7	1,242.2	—	—	1,242.2
May	NA	—	—	NA	1,282.2	—	—	1,282.2
June	NA	—	—	NA	1,444.9	—	—	1,444.9
July	239.0	—	—	239.0	1,584.9	—	—	1,584.9
August	103.5	—	—	103.5	1,318.4	—	—	1,318.4
September	77.0	—	—	77.0	1,165.5	—	—	1,165.5
October	76.4	—	—	76.4	1,233.5	—	—	1,233.5
November	68.1	—	—	68.1	1,066.0	—	—	1,066.0
December	80.2	—	—	80.2	1,186.0	—	—	1,186.0
1998 Average	121.1	—	—	121.1	1,208.1	—	—	1,208.1
Tennessee								
January	1,668.1	—	—	1,668.1	8,054.9	—	—	8,054.9
February	1,769.5	—	—	1,769.5	8,545.3	—	—	8,545.3
March	1,864.5	—	—	1,864.5	8,776.0	—	—	8,776.0
April	1,865.3	—	—	1,865.3	9,098.5	—	—	9,098.5
May	1,877.4	—	—	1,877.4	9,007.3	—	—	9,007.3
June	1,937.6	—	—	1,937.6	9,289.9	—	—	9,289.9
July	2,026.5	—	—	2,026.5	9,471.5	—	—	9,471.5
August	1,966.6	—	—	1,966.6	9,294.5	—	—	9,294.5
September	2,047.7	—	—	2,047.7	9,282.2	—	—	9,282.2
October	2,007.3	—	—	2,007.3	9,207.7	—	—	9,207.7
November	2,039.9	—	—	2,039.9	9,040.8	—	—	9,040.8
December	2,093.7	—	—	2,093.7	8,938.0	—	—	8,938.0
1998 Average	1,931.2	—	—	1,931.2	9,002.3	—	—	9,002.3
Wisconsin								
January	504.5	—	228.7	733.2	4,328.1	—	1,975.6	6,303.7
February	432.1	—	215.3	647.4	4,277.5	—	1,982.6	6,260.1
March	421.2	—	226.2	647.4	4,379.3	—	2,038.6	6,417.9
April	450.6	—	209.1	659.7	4,834.7	—	1,941.8	6,776.5
May	498.9	—	222.5	721.5	4,892.6	—	1,952.1	6,844.7
June	573.8	—	231.5	805.4	5,147.7	—	1,951.4	7,099.1
July	652.9	—	231.4	884.3	5,507.2	—	1,842.7	7,349.9
August	650.6	—	226.4	877.0	5,404.5	—	1,810.8	7,215.4
September	534.2	—	218.2	752.4	4,988.9	—	1,750.9	6,739.8
October	506.4	—	216.2	722.6	5,128.7	—	1,786.2	6,915.0
November	506.5	—	211.1	717.6	4,772.1	—	1,732.4	6,504.6
December	561.4	—	233.5	794.8	4,893.1	—	1,849.0	6,742.1
1998 Average	525.3	—	222.6	747.9	4,883.9	—	1,884.2	6,768.0
PAD District III								
January	5,605.8	159.2	2,046.2	7,811.2	34,944.2	1,305.6	11,453.0	47,702.9
February	5,981.4	162.2	2,142.0	8,285.6	37,124.9	1,367.7	11,757.6	50,250.2
March	6,499.1	101.5	2,243.0	8,843.6	38,670.8	885.3	12,140.7	51,696.8
April	W	W	2,359.8	9,023.2	40,399.4	W	W	52,888.1
May	W	W	2,429.4	9,335.2	W	W	12,685.3	53,900.6
June	W	W	2,468.0	9,643.8	42,687.4	W	W	55,810.3
July	W	W	2,374.7	9,689.7	W	W	12,777.5	55,245.5
August	W	W	2,407.0	9,412.9	40,719.3	W	W	53,317.9
September	6,972.1	50.8	2,345.4	9,368.3	40,327.0	304.9	12,172.7	52,804.6
October	6,870.5	134.0	2,394.2	9,398.6	40,461.0	880.4	12,643.1	53,984.5
November	6,761.8	179.0	2,367.2	9,308.0	38,826.0	1,202.8	12,115.4	52,144.2
December	7,380.9	206.3	2,442.9	10,030.2	40,381.9	1,288.5	12,348.6	54,019.1
1998 Average	6,760.4	88.4	2,336.0	9,184.8	39,857.7	628.8	12,341.7	52,828.2

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Regular				Midgrade			
	Conventional ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Alabama								
January	3,725.0	—	—	3,725.0	722.4	—	—	722.4
February	3,934.9	—	—	3,934.9	768.4	—	—	768.4
March	4,084.2	—	—	4,084.2	787.0	—	—	787.0
April	4,152.2	—	—	4,152.2	785.2	—	—	785.2
May	4,048.4	—	—	4,048.4	780.3	—	—	780.3
June	4,321.4	—	—	4,321.4	734.7	—	—	734.7
July	4,316.7	—	—	4,316.7	676.5	—	—	676.5
August	4,121.4	—	—	4,121.4	640.4	—	—	640.4
September	4,117.8	—	—	4,117.8	715.6	—	—	715.6
October	4,222.5	—	—	4,222.5	832.0	—	—	832.0
November	3,970.5	—	—	3,970.5	756.9	—	—	756.9
December	4,142.9	—	—	4,142.9	796.3	—	—	796.3
1998 Average	4,097.3	—	—	4,097.3	749.5	—	—	749.5
Arkansas								
January	2,865.3	—	—	2,865.3	341.0	—	—	341.0
February	2,929.2	—	—	2,929.2	360.0	—	—	360.0
March	2,976.3	—	—	2,976.3	371.5	—	—	371.5
April	2,980.7	—	—	2,980.7	373.5	—	—	373.5
May	2,967.2	—	—	2,967.2	377.9	—	—	377.9
June	3,134.6	—	—	3,134.6	393.2	—	—	393.2
July	3,066.4	—	—	3,066.4	382.2	—	—	382.2
August	3,055.5	—	—	3,055.5	371.6	—	—	371.6
September	2,965.9	—	—	2,965.9	368.5	—	—	368.5
October	2,975.9	—	—	2,975.9	367.1	—	—	367.1
November	2,854.9	—	—	2,854.9	355.4	—	—	355.4
December	2,922.4	—	—	2,922.4	353.0	—	—	353.0
1998 Average	2,974.8	—	—	2,974.8	367.9	—	—	367.9
Louisiana								
January	W	—	W	3,442.0	753.1	—	—	753.1
February	W	—	W	3,753.9	796.9	—	—	796.9
March	W	—	W	3,850.3	818.3	—	—	818.3
April	W	—	W	3,850.9	816.6	—	—	816.6
May	W	—	W	3,973.0	827.0	—	—	827.0
June	W	—	W	4,064.3	804.2	—	—	804.2
July	4,107.8	—	—	4,107.8	795.8	—	—	795.8
August	W	—	W	3,964.4	763.1	—	—	763.1
September	W	—	W	3,878.4	778.7	—	—	778.7
October	W	—	W	4,025.9	780.0	—	—	780.0
November	W	—	W	3,778.3	737.6	—	—	737.6
December	W	—	W	3,928.5	765.1	—	—	765.1
1998 Average	W	—	W	3,885.8	786.3	—	—	786.3
Mississippi								
January	2,516.9	—	—	2,516.9	376.5	—	—	376.5
February	2,713.9	—	—	2,713.9	389.8	—	—	389.8
March	2,729.5	—	—	2,729.5	399.7	—	—	399.7
April	2,924.0	—	—	2,924.0	414.1	—	—	414.1
May	2,881.4	—	—	2,881.4	430.2	—	—	430.2
June	2,960.4	—	—	2,960.4	451.6	—	—	451.6
July	2,985.6	—	—	2,985.6	439.1	—	—	439.1
August	2,845.2	—	—	2,845.2	423.0	—	—	423.0
September	2,967.8	—	—	2,967.8	412.5	—	—	412.5
October	2,802.2	—	—	2,802.2	401.1	—	—	401.1
November	2,692.9	—	—	2,692.9	381.6	—	—	381.6
December	2,892.1	—	—	2,892.1	403.6	—	—	403.6
1998 Average	2,826.2	—	—	2,826.2	410.4	—	—	410.4

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Alabama								
January	1,096.8	—	—	1,096.8	5,544.1	—	—	5,544.1
February	1,193.3	—	—	1,193.3	5,896.6	—	—	5,896.6
March	1,261.5	—	—	1,261.5	6,132.6	—	—	6,132.6
April	1,281.0	—	—	1,281.0	6,218.4	—	—	6,218.4
May	1,285.6	—	—	1,285.6	6,114.3	—	—	6,114.3
June	1,370.1	—	—	1,370.1	6,426.3	—	—	6,426.3
July	1,385.2	—	—	1,385.2	6,378.4	—	—	6,378.4
August	1,318.0	—	—	1,318.0	6,079.8	—	—	6,079.8
September	1,352.3	—	—	1,352.3	6,185.6	—	—	6,185.6
October	1,352.1	—	—	1,352.1	6,406.7	—	—	6,406.7
November	1,314.5	—	—	1,314.5	6,042.0	—	—	6,042.0
December	1,402.5	—	—	1,402.5	6,341.7	—	—	6,341.7
1998 Average	1,301.6	—	—	1,301.6	6,148.5	—	—	6,148.5
Arkansas								
January	585.1	—	—	585.1	3,791.5	—	—	3,791.5
February	627.1	—	—	627.1	3,916.3	—	—	3,916.3
March	654.3	—	—	654.3	4,002.0	—	—	4,002.0
April	655.3	—	—	655.3	4,009.6	—	—	4,009.6
May	674.5	—	—	674.5	4,019.6	—	—	4,019.6
June	717.2	—	—	717.2	4,245.0	—	—	4,245.0
July	729.1	—	—	729.1	4,177.7	—	—	4,177.7
August	709.0	—	—	709.0	4,136.2	—	—	4,136.2
September	711.2	—	—	711.2	4,045.6	—	—	4,045.6
October	687.0	—	—	687.0	4,030.1	—	—	4,030.1
November	694.4	—	—	694.4	3,904.6	—	—	3,904.6
December	730.8	—	—	730.8	4,006.2	—	—	4,006.2
1998 Average	681.6	—	—	681.6	4,024.3	—	—	4,024.3
Louisiana								
January	1,101.7	—	—	1,101.7	W	—	W	5,296.8
February	1,183.6	—	—	1,183.6	W	—	W	5,734.4
March	1,252.3	—	—	1,252.3	W	—	W	5,920.8
April	1,220.8	—	—	1,220.8	W	—	W	5,888.3
May	1,265.1	—	—	1,265.1	W	—	W	6,065.1
June	1,300.5	—	—	1,300.5	W	—	W	6,169.0
July	1,330.1	—	—	1,330.1	6,233.8	—	—	6,233.8
August	1,244.9	—	—	1,244.9	W	—	W	5,972.3
September	1,254.2	—	—	1,254.2	W	—	W	5,911.2
October	1,256.8	—	—	1,256.8	W	—	W	6,062.7
November	1,260.4	—	—	1,260.4	W	—	W	5,776.4
December	1,360.5	—	—	1,360.5	W	—	W	6,054.1
1998 Average	1,253.1	—	—	1,253.1	W	—	W	5,925.2
Mississippi								
January	665.9	—	—	665.9	3,559.3	—	—	3,559.3
February	720.1	—	—	720.1	3,823.7	—	—	3,823.7
March	752.6	—	—	752.6	3,881.8	—	—	3,881.8
April	795.1	—	—	795.1	4,133.2	—	—	4,133.2
May	797.5	—	—	797.5	4,109.1	—	—	4,109.1
June	833.9	—	—	833.9	4,245.9	—	—	4,245.9
July	880.6	—	—	880.6	4,305.3	—	—	4,305.3
August	809.4	—	—	809.4	4,077.6	—	—	4,077.6
September	816.5	—	—	816.5	4,196.8	—	—	4,196.8
October	809.0	—	—	809.0	4,012.4	—	—	4,012.4
November	797.4	—	—	797.4	3,871.9	—	—	3,871.9
December	878.0	—	—	878.0	4,173.7	—	—	4,173.7
1998 Average	796.8	—	—	796.8	4,033.4	—	—	4,033.4

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Regular				Midgrade			
	Conventional ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
New Mexico								
January	W	W	—	1,787.5	124.5	58.9	—	183.4
February	W	W	—	1,849.2	128.3	59.6	—	187.9
March	W	W	—	1,881.3	W	W	—	230.6
April	W	W	—	1,982.0	W	W	—	234.6
May	W	W	—	2,047.9	W	W	—	234.8
June	W	W	—	2,097.9	W	W	—	197.6
July	W	W	—	2,143.0	W	W	—	198.6
August	W	W	—	2,064.4	W	W	—	190.9
September	W	W	—	1,990.4	W	W	—	190.3
October	W	W	—	2,051.8	170.1	29.0	—	199.2
November	W	W	—	1,904.1	131.3	60.7	—	192.0
December	W	W	—	2,026.0	141.5	47.5	—	188.9
1998 Average	W	W	—	1,986.5	175.6	26.9	—	202.5
Texas								
January	11,670.0	W	W	20,028.3	1,482.2	54.5	1,613.5	3,150.2
February	12,519.1	W	W	21,089.6	1,487.5	56.3	1,647.3	3,191.0
March	12,636.7	W	W	21,434.9	W	W	1,682.7	3,289.6
April	13,626.8	W	W	21,980.2	W	—	W	3,370.8
May	W	—	W	22,509.7	W	—	W	3,487.6
June	W	—	W	23,426.8	W	—	W	3,579.7
July	14,273.0	—	8,649.3	22,922.3	1,768.4	—	1,753.4	3,521.8
August	W	—	W	22,072.0	W	—	W	3,393.3
September	13,398.3	W	W	21,738.5	W	W	1,688.1	3,312.0
October	13,579.4	W	W	22,559.3	1,599.3	29.0	1,740.4	3,368.7
November	13,379.3	W	W	21,937.2	1,583.7	32.2	1,658.8	3,274.7
December	13,483.4	W	W	22,229.6	1,636.2	31.9	1,672.3	3,340.5
1998 Average	13,411.4	W	W	21,998.4	1,634.7	22.4	1,700.6	3,357.7
PAD District IV								
January	5,152.5	2,598.9	—	7,751.4	703.0	681.8	—	1,384.9
February	6,033.1	1,977.1	—	8,010.3	899.2	525.0	—	1,424.2
March	7,857.5	365.4	—	8,222.9	1,331.2	75.8	—	1,407.0
April	7,756.3	382.5	—	8,138.9	W	W	—	1,313.2
May	8,150.4	354.1	—	8,504.5	1,251.1	77.4	—	1,328.5
June	9,090.2	372.1	—	9,462.3	W	W	—	1,414.8
July	W	W	—	9,613.5	W	W	—	1,510.5
August	8,974.5	365.2	—	9,339.7	W	W	—	1,479.4
September	8,420.8	350.7	—	8,771.4	1,348.9	79.5	—	1,428.5
October	7,844.4	796.1	—	8,640.5	1,264.5	166.6	—	1,431.1
November	6,369.9	1,711.8	—	8,081.7	990.1	369.5	—	1,359.5
December	6,673.5	1,744.2	—	8,417.7	1,113.6	377.0	—	1,490.5
1998 Average	7,640.5	943.3	—	8,583.9	1,192.8	221.9	—	1,414.6
Colorado								
January	1,017.6	2,358.4	—	3,376.0	120.0	660.0	—	780.0
February	1,707.9	1,737.3	—	3,445.2	269.9	505.8	—	775.6
March	3,156.3	347.7	—	3,504.0	W	W	—	761.1
April	W	W	—	3,389.5	W	W	—	749.3
May	3,284.2	354.1	—	3,638.2	652.9	77.4	—	730.3
June	3,640.9	372.1	—	4,013.0	W	W	—	796.6
July	W	W	—	3,873.6	W	W	—	840.7
August	3,465.2	365.2	—	3,830.4	W	W	—	835.4
September	W	W	—	3,666.7	732.0	79.5	—	811.5
October	2,947.2	729.2	—	3,676.4	615.4	161.8	—	777.2
November	2,112.2	1,451.1	—	3,563.3	426.7	352.4	—	779.1
December	2,094.7	1,476.2	—	3,570.9	479.8	360.5	—	840.3
1998 Average	2,777.0	853.1	—	3,630.1	574.7	215.2	—	789.9

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
New Mexico								
January	188.6	76.7	—	265.3	W	W	—	2,236.3
February	197.7	75.2	—	272.9	W	W	—	2,310.0
March	W	W	—	290.7	W	W	—	2,402.5
April	W	W	—	299.1	W	W	—	2,515.7
May	W	W	—	337.4	W	W	—	2,620.1
June	W	W	—	364.7	W	W	—	2,660.2
July	W	W	—	391.9	W	W	—	2,733.4
August	W	W	—	368.7	W	W	—	2,624.0
September	W	W	—	354.0	W	W	—	2,534.8
October	325.8	53.7	—	379.5	W	W	—	2,630.5
November	247.4	96.0	—	343.5	W	W	—	2,439.5
December	290.5	109.2	—	399.7	W	W	—	2,614.7
1998 Average	297.4	42.1	—	339.5	W	W	—	2,528.5
Texas								
January	1,967.8	82.5	2,046.2	4,096.4	15,119.9	W	W	27,275.0
February	2,059.6	87.0	2,142.0	4,288.6	16,066.3	W	W	28,569.3
March	W	W	2,243.0	4,632.4	16,502.5	W	W	29,356.9
April	W	W	2,359.8	4,771.9	17,738.0	W	W	30,123.0
May	2,545.7	—	2,429.4	4,975.1	W	—	W	30,972.5
June	W	—	W	5,057.4	19,052.2	—	13,011.7	32,063.8
July	2,598.1	—	2,374.7	4,972.9	18,639.5	—	12,777.5	31,417.0
August	W	—	W	4,962.8	17,867.7	—	12,560.4	30,428.1
September	W	W	2,345.4	4,880.1	17,491.4	W	W	29,930.5
October	2,439.7	80.2	2,394.2	4,914.2	17,618.4	W	W	30,842.2
November	2,447.7	82.9	2,367.2	4,897.9	17,410.6	W	W	30,109.8
December	2,718.5	97.2	2,442.9	5,258.6	17,838.1	W	W	30,828.7
1998 Average	2,429.9	46.4	2,336.0	4,812.3	17,476.0	W	W	30,168.4
PAD District IV								
January	1,072.9	540.5	—	1,613.4	6,928.5	3,821.2	—	10,749.6
February	1,291.2	429.9	—	1,721.1	8,223.6	2,932.0	—	11,155.6
March	1,730.5	66.5	—	1,797.0	10,919.2	507.7	—	11,426.9
April	W	W	—	1,675.0	10,605.8	521.3	—	11,127.1
May	W	W	—	1,789.2	W	W	—	11,622.1
June	W	W	—	1,976.3	12,332.7	520.7	—	12,853.4
July	2,124.6	67.6	—	2,192.3	W	W	—	13,316.2
August	W	W	—	2,202.6	12,491.6	530.1	—	13,021.7
September	1,980.7	74.8	—	2,055.5	11,750.4	505.0	—	12,255.4
October	1,788.2	205.5	—	1,993.6	10,897.1	1,168.1	—	12,065.2
November	1,427.9	462.7	—	1,890.6	8,787.8	2,544.0	—	11,331.8
December	1,662.7	470.0	—	2,132.6	9,449.8	2,591.1	—	12,040.9
1998 Average	1,708.2	213.6	—	1,921.8	10,541.5	1,378.8	—	11,920.3
Colorado								
January	206.3	485.3	—	691.5	1,343.8	3,503.6	—	4,847.5
February	334.7	375.0	—	709.7	2,312.5	2,618.0	—	4,930.5
March	W	W	—	737.5	4,516.9	485.7	—	5,002.7
April	W	W	—	662.2	W	W	—	4,801.0
May	W	W	—	695.8	W	W	—	5,064.4
June	W	W	—	752.9	5,041.7	520.7	—	5,562.5
July	758.5	67.6	—	826.1	W	W	—	5,540.4
August	W	W	—	871.5	5,007.1	530.1	—	5,537.2
September	W	W	—	845.7	W	W	—	5,324.0
October	628.2	184.0	—	812.2	4,190.7	1,075.0	—	5,265.7
November	446.0	390.5	—	836.5	2,984.9	2,194.0	—	5,178.9
December	524.7	391.8	—	916.5	3,099.3	2,228.5	—	5,327.8
1998 Average	590.5	190.0	—	780.5	3,942.2	1,258.4	—	5,200.5

See footnotes at end of table.

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

Geographic Area Month	Regular				Midgrade			
	Conventional ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Idaho								
January	1,075.6	—	—	1,075.6	122.9	—	—	122.9
February	1,147.6	—	—	1,147.6	133.1	—	—	133.1
March	1,190.5	—	—	1,190.5	124.3	—	—	124.3
April	1,188.5	—	—	1,188.5	116.0	—	—	116.0
May	1,239.8	—	—	1,239.8	131.7	—	—	131.7
June	1,383.2	—	—	1,383.2	147.4	—	—	147.4
July	1,478.1	—	—	1,478.1	163.1	—	—	163.1
August	1,409.7	—	—	1,409.7	160.9	—	—	160.9
September	1,297.6	—	—	1,297.6	150.9	—	—	150.9
October	1,292.2	—	—	1,292.2	154.2	—	—	154.2
November	1,133.5	—	—	1,133.5	126.4	—	—	126.4
December	1,265.5	—	—	1,265.5	146.1	—	—	146.1
1998 Average	1,259.5	—	—	1,259.5	139.9	—	—	139.9
Montana								
January	807.5	45.2	—	852.6	W	W	—	57.3
February	848.5	47.9	—	896.3	W	W	—	62.4
March	975.3	—	—	975.3	50.4	—	—	50.4
April	1,058.5	—	—	1,058.5	34.6	—	—	34.6
May	1,086.1	—	—	1,086.1	37.8	—	—	37.8
June	1,206.0	—	—	1,206.0	42.2	—	—	42.2
July	1,357.4	—	—	1,357.4	45.5	—	—	45.5
August	1,272.5	—	—	1,272.5	42.8	—	—	42.8
September	1,119.3	—	—	1,119.3	44.4	—	—	44.4
October	1,039.8	25.4	—	1,065.2	46.2	—	—	46.2
November	910.7	59.8	—	970.4	53.0	—	—	53.0
December	877.7	58.1	—	935.7	53.0	—	—	53.0
1998 Average	1,047.9	19.5	—	1,067.4	W	W	—	47.4
Utah								
January	1,665.0	195.3	—	1,860.4	W	W	—	413.7
February	1,751.6	191.9	—	1,943.5	W	W	—	441.3
March	1,942.4	17.6	—	1,960.0	W	W	—	459.4
April	W	W	—	1,880.4	400.7	—	—	400.7
May	1,831.1	—	—	1,831.1	415.2	—	—	415.2
June	2,003.0	—	—	2,003.0	411.7	—	—	411.7
July	2,049.6	—	—	2,049.6	437.3	—	—	437.3
August	2,005.9	—	—	2,005.9	418.5	—	—	418.5
September	W	W	—	1,930.3	404.7	—	—	404.7
October	1,867.3	41.5	—	1,908.8	434.5	4.8	—	439.3
November	1,633.6	201.0	—	1,834.5	372.8	17.1	—	389.9
December	1,845.9	209.9	—	2,055.8	422.0	16.5	—	438.5
1998 Average	1,868.1	70.7	—	1,938.9	W	W	—	422.6
Wyoming								
January	586.9	—	—	586.9	11.1	—	—	11.1
February	577.6	—	—	577.6	11.8	—	—	11.8
March	593.1	—	—	593.1	11.8	—	—	11.8
April	622.1	—	—	622.1	12.6	—	—	12.6
May	709.3	—	—	709.3	13.5	—	—	13.5
June	857.0	—	—	857.0	17.0	—	—	17.0
July	854.8	—	—	854.8	23.9	—	—	23.9
August	821.2	—	—	821.2	21.9	—	—	21.9
September	757.6	—	—	757.6	17.0	—	—	17.0
October	698.0	—	—	698.0	14.3	—	—	14.3
November	579.9	—	—	579.9	11.2	—	—	11.2
December	589.7	—	—	589.7	12.6	—	—	12.6
1998 Average	688.0	—	—	688.0	14.9	—	—	14.9

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
Idaho								
January	154.9	—	—	154.9	1,353.4	—	—	1,353.4
February	182.4	—	—	182.4	1,463.1	—	—	1,463.1
March	176.9	—	—	176.9	1,491.7	—	—	1,491.7
April	167.2	—	—	167.2	1,471.7	—	—	1,471.7
May	190.4	—	—	190.4	1,561.9	—	—	1,561.9
June	208.7	—	—	208.7	1,739.2	—	—	1,739.2
July	246.6	—	—	246.6	1,887.8	—	—	1,887.8
August	236.3	—	—	236.3	1,806.9	—	—	1,806.9
September	213.3	—	—	213.3	1,661.7	—	—	1,661.7
October	209.3	—	—	209.3	1,655.7	—	—	1,655.7
November	178.6	—	—	178.6	1,438.5	—	—	1,438.5
December	225.6	—	—	225.6	1,637.2	—	—	1,637.2
1998 Average	199.4	—	—	199.4	1,598.7	—	—	1,598.7
Montana								
January	W	W	—	180.0	1,030.6	59.3	—	1,089.8
February	W	W	—	189.3	1,086.0	62.1	—	1,148.0
March	220.5	—	—	220.5	1,246.1	—	—	1,246.1
April	222.6	—	—	222.6	1,315.7	—	—	1,315.7
May	255.6	—	—	255.6	1,379.5	—	—	1,379.5
June	283.4	—	—	283.4	1,531.6	—	—	1,531.6
July	342.7	—	—	342.7	1,745.7	—	—	1,745.7
August	317.8	—	—	317.8	1,633.2	—	—	1,633.2
September	274.5	—	—	274.5	1,438.1	—	—	1,438.1
October	253.4	7.9	—	261.3	1,339.4	33.3	—	1,372.7
November	221.6	15.8	—	237.4	1,185.2	75.6	—	1,260.8
December	230.7	18.5	—	249.3	1,161.5	76.6	—	1,238.1
1998 Average	W	W	—	253.4	1,342.8	25.3	—	1,368.2
Utah								
January	W	W	—	470.3	2,486.0	258.3	—	2,744.3
February	W	W	—	514.6	2,647.5	251.9	—	2,899.4
March	W	W	—	529.7	2,927.2	22.0	—	2,949.2
April	491.0	—	—	491.0	W	W	—	2,772.1
May	492.3	—	—	492.3	2,738.5	—	—	2,738.5
June	521.8	—	—	521.8	2,936.5	—	—	2,936.5
July	573.4	—	—	573.4	3,060.3	—	—	3,060.3
August	569.0	—	—	569.0	2,993.4	—	—	2,993.4
September	W	W	—	538.8	W	W	—	2,873.8
October	532.6	13.5	—	546.1	2,834.4	59.8	—	2,894.1
November	446.3	56.3	—	502.6	2,452.6	274.4	—	2,727.0
December	528.6	59.6	—	588.2	2,796.5	286.0	—	3,082.5
1998 Average	W	W	—	528.4	2,794.8	95.1	—	2,889.9
Wyoming								
January	116.7	—	—	116.7	714.6	—	—	714.6
February	125.2	—	—	125.2	714.6	—	—	714.6
March	132.3	—	—	132.3	737.3	—	—	737.3
April	131.9	—	—	131.9	766.6	—	—	766.6
May	155.0	—	—	155.0	877.8	—	—	877.8
June	209.6	—	—	209.6	1,083.6	—	—	1,083.6
July	203.5	—	—	203.5	1,082.1	—	—	1,082.1
August	208.1	—	—	208.1	1,051.2	—	—	1,051.2
September	183.1	—	—	183.1	957.7	—	—	957.7
October	164.7	—	—	164.7	877.0	—	—	877.0
November	135.5	—	—	135.5	726.6	—	—	726.6
December	153.0	—	—	153.0	755.4	—	—	755.4
1998 Average	160.1	—	—	160.1	863.0	—	—	863.0

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
PAD District V								
January	8,225.4	4,749.2	27,677.9	40,652.5	989.2	651.1	5,546.4	7,186.6
February	8,640.6	4,933.5	28,386.4	41,960.4	1,022.1	672.5	5,673.6	7,368.1
March	10,437.4	3,735.4	29,169.7	43,342.5	1,193.0	550.2	5,810.6	7,553.9
April	12,169.1	W	W	44,273.0	1,485.6	W	W	7,515.4
May	12,674.6	W	W	44,711.3	1,538.1	W	W	7,585.6
June	13,254.7	W	W	45,410.2	1,686.2	W	W	7,852.0
July	13,578.5	1,787.2	30,251.7	45,617.4	W	W	6,022.2	7,960.3
August	13,248.2	W	W	45,369.9	1,704.0	W	W	7,996.6
September	12,243.0	2,391.5	30,103.0	44,737.5	1,496.8	328.5	5,931.2	7,756.5
October	12,553.5	3,974.0	28,983.1	45,510.6	1,436.7	598.4	5,743.0	7,778.1
November	10,541.2	5,362.6	27,869.1	43,772.9	1,190.1	740.2	5,628.6	7,558.9
December	10,077.6	5,639.8	28,570.4	44,287.9	1,308.1	767.0	5,818.3	7,893.3
1998 Average	11,487.2	3,314.9	29,348.4	44,150.6	1,399.1	452.5	5,818.0	7,669.5
Alaska								
January	W	W	—	519.2	W	W	—	28.4
February	362.1	120.1	—	482.3	W	W	—	23.4
March	W	W	—	488.1	W	W	—	24.0
April	W	W	—	576.5	W	W	—	23.5
May	W	W	—	718.4	W	W	—	27.3
June	W	W	—	797.0	W	W	—	30.5
July	892.1	—	—	892.1	29.7	—	—	29.7
August	770.8	—	—	770.8	29.3	—	—	29.3
September	W	W	—	727.2	28.2	—	—	28.2
October	554.9	74.4	—	629.3	W	W	—	34.5
November	W	W	—	565.8	W	W	—	29.8
December	W	W	—	593.2	W	W	—	31.9
1998 Average	593.8	54.0	—	647.8	W	W	—	28.4
Arizona								
January	1,013.9	963.3	2,130.0	4,107.2	W	126.0	W	536.9
February	1,033.9	1,029.7	2,272.0	4,335.5	W	134.4	W	551.9
March	1,122.3	1,056.2	2,223.2	4,401.7	W	137.7	W	552.8
April	W	W	2,648.6	4,443.1	W	W	385.4	571.9
May	1,744.9	—	2,644.6	4,389.5	181.9	—	398.4	580.4
June	1,794.1	—	2,580.8	4,375.0	W	—	W	605.8
July	W	W	2,552.0	4,307.7	204.0	—	404.4	608.4
August	1,787.7	W	W	4,358.4	W	—	W	603.5
September	1,735.0	141.3	2,545.3	4,421.6	180.4	22.4	394.2	597.1
October	2,049.7	W	W	4,589.3	W	W	W	594.5
November	W	2,104.6	W	4,511.6	W	280.4	W	592.1
December	W	2,167.6	W	4,516.2	W	296.9	W	619.7
1998 Average	1,528.5	W	W	4,396.4	149.3	W	W	584.8
California								
January	W	—	W	25,683.3	W	—	W	5,223.1
February	W	—	W	26,273.0	W	—	W	5,331.5
March	W	—	W	27,051.1	W	—	W	5,478.9
April	196.4	—	27,446.3	27,642.7	22.5	—	5,404.4	5,426.9
May	267.1	—	27,605.2	27,872.3	NA	—	5,430.3	5,454.2
June	NA	—	27,803.1	28,015.3	NA	—	5,537.2	5,565.5
July	188.4	—	27,699.0	27,887.4	23.9	—	5,617.8	5,641.7
August	NA	—	27,781.8	27,933.7	12.8	—	5,666.6	5,679.4
September	234.1	—	27,556.9	27,791.1	23.1	—	5,537.0	5,560.1
October	NA	—	27,706.4	27,888.1	W	—	W	5,526.5
November	149.7	—	26,809.7	26,959.5	W	—	W	5,443.8
December	186.4	—	27,489.5	27,675.9	W	—	W	5,631.9
1998 Average	181.0	—	27,215.3	27,396.3	17.2	—	5,481.1	5,498.3

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
PAD District V								
January	1,435.8	687.9	6,296.4	8,420.1	10,650.4	6,088.2	39,520.6	56,259.2
February	1,558.8	728.8	6,681.5	8,969.0	11,221.5	6,334.7	40,741.4	58,297.6
March	1,898.8	577.7	7,164.4	9,640.9	13,529.2	4,863.3	42,144.7	60,537.3
April	2,216.2	206.4	7,200.9	9,623.5	15,870.9	W	W	61,412.0
May	2,385.6	188.3	7,228.4	9,802.4	16,598.3	2,192.5	43,308.4	62,099.3
June	2,550.2	190.1	7,236.8	9,977.1	17,491.0	W	W	63,239.2
July	W	W	7,471.5	10,448.4	18,074.8	2,205.9	43,745.5	64,026.1
August	2,701.6	199.7	7,660.3	10,561.6	17,653.8	W	W	63,928.1
September	2,461.2	371.4	7,565.0	10,397.6	16,201.0	3,091.5	43,599.2	62,891.7
October	2,298.5	897.2	7,574.4	10,770.1	16,288.7	5,469.6	42,300.5	64,058.9
November	1,858.4	1,155.7	7,343.4	10,357.5	13,589.7	7,258.5	40,841.1	61,689.3
December	1,951.4	1,151.1	7,560.1	10,662.7	13,337.2	7,557.9	41,948.8	62,843.9
1998 Average	2,179.2	544.7	7,252.3	9,976.2	15,065.4	4,312.1	42,418.7	61,796.3
Alaska								
January	80.6	19.3	—	99.9	W	W	—	647.5
February	69.7	18.8	—	88.5	W	W	—	594.1
March	82.2	13.3	—	95.5	573.7	33.9	—	607.6
April	W	W	—	111.0	W	W	—	711.1
May	W	W	—	92.5	W	W	—	838.2
June	W	W	—	94.8	W	W	—	922.3
July	W	W	—	95.8	W	W	—	1,017.6
August	W	W	—	92.2	W	W	—	892.2
September	W	W	—	92.3	833.6	14.2	—	847.8
October	W	W	—	91.2	W	W	—	754.9
November	W	W	—	87.2	W	W	—	682.8
December	73.7	26.8	—	100.5	W	W	—	725.6
1998 Average	W	W	—	95.2	698.3	73.1	—	771.4
Arizona								
January	W	127.4	W	706.4	1,228.4	1,216.7	2,905.5	5,350.5
February	W	150.4	W	744.9	1,215.9	1,314.5	3,101.9	5,632.3
March	W	155.4	W	773.6	1,325.9	1,349.2	3,053.0	5,728.1
April	W	W	507.7	765.2	W	W	3,541.7	5,780.2
May	260.9	—	525.8	786.7	2,187.7	—	3,568.8	5,756.6
June	W	—	W	798.8	2,272.4	—	3,507.1	5,779.5
July	W	W	548.2	854.4	W	W	3,504.5	5,770.4
August	W	W	544.0	843.1	W	W	3,498.6	5,805.0
September	297.8	29.9	537.4	865.2	2,213.2	193.7	3,477.0	5,883.8
October	W	295.1	W	873.8	2,519.9	W	W	6,057.6
November	W	454.6	W	868.3	W	2,839.6	W	5,971.9
December	W	473.2	W	903.8	W	2,937.7	W	6,039.7
1998 Average	226.9	141.5	447.4	815.8	1,904.7	979.7	2,912.6	5,797.0
California								
January	W	—	W	5,930.9	W	—	W	36,837.3
February	W	—	W	6,253.3	W	—	W	37,857.8
March	W	—	W	6,731.7	W	—	W	39,261.7
April	33.0	—	6,686.9	6,719.9	251.8	—	39,537.6	39,789.5
May	70.0	—	6,702.5	6,772.6	361.0	—	39,738.1	40,099.1
June	71.4	—	6,713.3	6,784.7	311.9	—	40,053.6	40,365.5
July	63.5	—	6,923.1	6,986.6	275.7	—	40,239.9	40,515.6
August	NA	—	7,116.2	7,163.1	NA	—	40,564.6	40,776.1
September	NA	—	7,027.4	7,083.9	313.7	—	40,121.3	40,435.1
October	W	—	W	7,338.3	NA	—	40,499.4	40,752.9
November	W	—	W	7,152.6	210.2	—	39,345.7	39,555.9
December	W	—	W	7,358.9	245.8	—	40,420.9	40,666.7
1998 Average	56.2	—	6,804.2	6,860.5	254.4	—	39,500.6	39,755.0

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
Hawaii								
January	569.1	—	—	569.1	123.8	—	—	123.8
February	594.3	—	—	594.3	128.4	—	—	128.4
March	594.4	—	—	594.4	125.8	—	—	125.8
April	597.0	—	—	597.0	122.3	—	—	122.3
May	591.8	—	—	591.8	124.8	—	—	124.8
June	611.7	—	—	611.7	126.1	—	—	126.1
July	620.1	—	—	620.1	125.7	—	—	125.7
August	609.3	—	—	609.3	126.2	—	—	126.2
September	593.2	—	—	593.2	124.3	—	—	124.3
October	635.0	—	—	635.0	131.7	—	—	131.7
November	579.6	—	—	579.6	117.0	—	—	117.0
December	626.1	—	—	626.1	137.5	—	—	137.5
1998 Average	601.9	—	—	601.9	126.2	—	—	126.2
Nevada								
January	W	880.1	W	1,541.6	40.4	173.4	—	213.7
February	W	715.0	W	1,654.4	73.4	164.2	—	237.6
March	W	757.8	W	1,735.0	W	W	—	238.3
April	1,769.4	W	W	1,825.4	263.3	W	W	269.0
May	1,803.1	W	W	1,804.3	W	—	W	271.0
June	W	—	W	1,993.4	300.6	—	—	300.6
July	W	—	W	2,009.9	319.6	—	—	319.6
August	W	—	W	1,880.6	318.2	—	—	318.2
September	W	384.7	W	1,770.4	191.8	73.7	—	265.5
October	1,026.0	951.9	—	1,977.9	W	W	—	270.9
November	W	W	—	1,804.8	W	W	—	266.7
December	W	W	—	1,810.6	W	W	—	257.5
1998 Average	1,347.0	467.3	4.1	1,818.4	W	W	W	269.2
Oregon								
January	1,842.8	W	W	3,175.3	W	W	—	260.8
February	W	1,431.4	W	3,219.2	W	W	—	265.9
March	2,917.2	W	W	3,462.5	W	W	—	288.6
April	2,974.1	W	W	3,500.0	W	W	—	267.4
May	2,868.6	W	W	3,360.0	220.5	44.2	—	264.6
June	3,088.4	W	W	3,573.0	W	W	—	316.1
July	3,230.0	W	W	3,711.6	264.8	46.7	—	311.5
August	3,185.3	W	W	3,668.7	W	W	—	310.3
September	2,962.0	W	W	3,448.2	246.5	49.6	—	296.0
October	2,771.2	W	W	3,673.3	210.2	101.9	—	312.2
November	2,176.4	W	W	3,576.8	157.2	131.2	—	288.4
December	1,790.8	W	W	3,346.7	154.6	159.5	—	314.1
1998 Average	2,638.0	W	W	3,477.8	211.0	80.5	—	291.5
Washington								
January	3,599.0	1,457.9	—	5,056.8	575.3	224.6	—	799.8
February	3,764.4	1,637.3	—	5,401.7	592.0	237.5	—	829.5
March	W	W	—	5,609.8	647.3	198.2	—	845.5
April	W	W	—	5,688.4	W	W	—	834.5
May	W	W	—	5,974.9	W	W	—	863.3
June	W	W	—	6,044.8	W	W	—	907.3
July	W	W	—	6,188.7	W	W	—	923.7
August	W	W	—	6,148.3	W	W	—	929.7
September	4,607.4	1,378.4	—	5,985.8	702.4	182.9	—	885.3
October	5,335.1	782.7	—	6,117.8	807.1	100.8	—	907.9
November	5,000.1	774.7	—	5,774.8	719.8	101.4	—	821.2
December	4,903.3	815.9	—	5,719.2	805.9	94.8	—	900.7
1998 Average	4,597.1	1,214.8	—	5,811.9	702.7	168.5	—	871.1

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Hawaii								
January	251.5	—	—	251.5	944.4	—	—	944.4
February	264.1	—	—	264.1	986.8	—	—	986.8
March	262.1	—	—	262.1	982.2	—	—	982.2
April	257.7	—	—	257.7	976.9	—	—	976.9
May	259.0	—	—	259.0	975.7	—	—	975.7
June	268.8	—	—	268.8	1,006.6	—	—	1,006.6
July	270.4	—	—	270.4	1,016.2	—	—	1,016.2
August	269.8	—	—	269.8	1,005.4	—	—	1,005.4
September	269.2	—	—	269.2	986.8	—	—	986.8
October	319.8	—	—	319.8	1,086.5	—	—	1,086.5
November	246.8	—	—	246.8	943.4	—	—	943.4
December	273.4	—	—	273.4	1,036.9	—	—	1,036.9
1998 Average	267.8	—	—	267.8	995.9	—	—	995.9
Nevada								
January	W	211.3	W	286.2	W	1,264.8	W	2,041.5
February	W	192.3	W	314.1	W	1,071.6	W	2,206.1
March	136.0	W	W	345.3	1,185.7	W	W	2,318.5
April	366.2	W	W	373.1	2,398.9	W	W	2,467.5
May	W	—	W	372.5	2,446.4	W	W	2,447.8
June	W	—	W	417.9	W	—	W	2,711.9
July	W	—	W	469.3	W	—	W	2,798.8
August	W	—	W	450.3	W	—	W	2,649.1
September	W	W	W	451.2	1,924.1	W	W	2,487.1
October	W	W	—	425.5	W	W	—	2,674.2
November	115.1	299.0	—	414.1	W	W	—	2,485.6
December	92.8	266.2	—	359.0	W	W	—	2,427.1
1998 Average	W	130.9	W	390.2	1,774.3	W	W	2,477.8
Oregon								
January	W	165.3	W	340.3	2,161.3	W	W	3,776.3
February	188.7	177.9	—	366.6	2,115.6	W	W	3,851.6
March	W	44.3	W	441.3	W	639.6	W	4,192.4
April	W	W	W	420.5	3,578.6	W	W	4,187.8
May	411.7	W	W	450.4	3,500.7	W	W	4,075.0
June	W	W	—	479.3	3,798.0	W	W	4,368.4
July	510.7	W	W	552.1	4,005.5	W	W	4,575.2
August	W	W	W	544.9	3,948.3	W	W	4,523.9
September	472.2	W	W	518.5	3,680.6	W	W	4,262.7
October	395.3	135.7	—	531.0	3,376.7	W	W	4,516.5
November	250.0	W	W	454.2	2,583.6	W	W	4,319.3
December	247.0	234.1	—	481.2	2,192.4	W	W	4,142.0
1998 Average	365.6	W	W	465.8	3,214.6	W	W	4,235.2
Washington								
January	640.3	164.6	—	804.9	4,814.5	1,847.1	—	6,661.6
February	748.3	189.3	—	937.6	5,104.7	2,064.1	—	7,168.8
March	W	W	—	991.4	W	W	—	7,446.6
April	W	W	—	976.1	W	W	—	7,499.0
May	W	W	—	1,068.7	W	W	—	7,906.9
June	W	W	—	1,132.8	W	W	—	8,084.9
July	W	W	—	1,219.8	W	W	—	8,332.2
August	W	W	—	1,198.4	W	W	—	8,276.4
September	939.2	178.1	—	1,117.3	6,249.0	1,739.4	—	7,988.4
October	1,036.2	154.3	—	1,190.5	7,178.4	1,037.8	—	8,216.3
November	963.6	170.8	—	1,134.3	6,683.4	1,046.9	—	7,730.3
December	1,035.1	150.8	—	1,185.9	6,744.3	1,061.5	—	7,805.8
1998 Average	923.5	157.4	—	1,080.9	6,223.2	1,540.7	—	7,763.9

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a Includes leaded gasoline data.

Note: 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							
January	502.8	385.7	58,044.0	48,358.2	9,253.0	23,219.2	32,472.2
February	629.0	650.9	59,719.5	45,994.4	8,959.8	20,452.8	29,412.6
March	796.3	413.9	59,427.8	42,029.0	9,541.4	21,773.9	31,315.3
April	835.1	524.6	60,353.0	31,203.5	9,364.3	22,430.3	31,794.6
May	872.4	516.6	61,346.7	25,617.6	7,848.4	21,460.2	29,308.6
June	977.4	456.0	63,303.1	28,544.5	7,426.3	21,574.6	29,000.9
July	1,077.0	617.0	62,669.9	27,183.8	10,537.8	24,560.6	35,098.5
August	933.2	619.7	63,074.4	29,392.4	11,143.6	21,871.5	33,015.1
September	938.1	517.1	58,267.6	34,517.4	7,398.1	22,580.0	29,978.1
October	851.8	568.2	62,884.4	39,072.4	8,973.0	23,519.0	32,492.0
November	647.0	446.7	60,199.6	39,283.7	8,878.0	20,553.5	29,431.5
December	636.9	389.6	62,109.6	51,185.9	11,099.1	23,705.1	34,804.1
1998 Average	809.1	507.9	60,964.7	36,828.3	9,214.1	22,329.4	31,543.5
PAD District I							
January	141.1	W	14,965.0	8,569.1	7,054.8	12,665.7	19,720.5
February	164.6	W	15,591.3	8,688.9	7,256.4	8,652.1	15,908.6
March	225.4	W	15,196.6	7,938.5	7,423.6	9,860.3	17,283.8
April	204.4	W	15,979.8	4,872.2	6,772.5	10,792.2	17,564.7
May	183.9	W	14,727.4	4,199.6	5,538.3	9,512.0	15,050.3
June	197.9	W	15,616.2	4,445.2	5,448.6	10,691.2	16,139.9
July	223.2	W	15,345.1	4,525.6	7,433.9	13,065.8	20,499.8
August	194.9	W	14,915.9	5,358.5	9,031.9	12,971.4	22,003.3
September	199.1	W	14,225.8	6,142.6	4,662.4	11,191.7	15,854.0
October	202.2	W	15,187.0	6,509.4	6,569.0	12,348.0	18,917.0
November	176.1	W	15,718.9	6,672.9	6,717.8	9,609.7	16,327.5
December	178.7	W	15,140.8	8,511.0	8,741.8	12,793.3	21,535.1
1998 Average	191.1	W	15,212.6	6,359.6	6,895.4	11,206.9	18,102.3
Subdistrict IA							
January	11.6	—	1,149.9	762.0	1,915.2	3,303.9	5,219.1
February	15.7	—	1,222.0	746.5	1,688.9	2,320.8	4,009.7
March	14.0	—	1,214.9	676.1	1,564.5	1,867.2	3,431.7
April	18.8	—	1,210.4	456.3	670.8	2,387.9	3,058.7
May	20.1	—	1,175.3	315.1	1,058.2	1,792.4	2,850.5
June	19.2	—	1,304.0	355.4	692.6	2,030.4	2,722.9
July	28.5	—	1,337.8	295.1	754.1	2,574.4	3,328.5
August	24.5	—	1,454.2	310.3	1,308.7	1,818.6	3,127.3
September	23.5	—	1,209.1	364.9	W	W	2,305.4
October	24.3	—	1,363.5	403.1	611.5	3,110.6	3,722.1
November	17.9	—	1,387.7	466.3	817.3	1,905.3	2,722.6
December	17.6	—	1,425.4	583.3	1,539.9	3,239.7	4,779.6
1998 Average	19.7	—	1,288.5	476.4	1,094.3	2,348.9	3,443.3
Connecticut							
January	W	—	254.3	152.5	W	W	942.9
February	2.1	—	222.3	90.8	W	W	753.0
March	2.2	—	234.3	94.5	101.3	732.5	833.8
April	2.2	—	220.1	73.7	W	W	197.5
May	2.5	—	194.7	58.4	W	W	184.5
June	2.5	—	284.0	75.5	13.9	W	W
July	3.3	—	212.9	64.0	5.7	—	5.7
August	3.6	—	NA	65.7	6.6	W	W
September	3.8	—	NA	72.1	W	—	W
October	2.8	—	NA	87.9	45.3	—	45.3
November	2.7	—	NA	73.3	96.6	—	96.6
December	2.7	—	NA	86.0	98.9	—	98.9
1998 Average	2.6	—	227.7	82.9	90.9	194.4	285.3

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	
Maine								
January	W	—	132.7	97.0	718.2	693.6	1,411.8	
February	1.7	—	116.5	111.4	W	W	1,233.7	
March	W	—	106.6	92.2	599.2	337.5	936.7	
April	2.1	—	98.5	66.1	W	W	1,489.2	
May	2.9	—	72.3	48.8	W	W	834.8	
June	2.5	—	83.0	55.5	465.9	628.4	1,094.3	
July	4.1	—	96.9	47.5	W	W	710.0	
August	W	—	94.7	49.7	946.5	340.8	1,287.4	
September	3.4	—	94.7	49.8	W	W	813.7	
October	2.4	—	84.8	58.5	W	W	819.9	
November	W	—	83.3	66.3	W	W	980.5	
December	1.9	—	84.9	84.5	W	W	1,270.3	
1998 Average	2.2	—	95.6	68.7	477.6	594.4	1,072.0	
Massachusetts								
January	5.4	—	618.4	127.4	686.4	1,193.7	1,880.1	
February	4.4	—	732.2	136.2	652.0	928.3	1,580.3	
March	5.2	—	722.3	111.5	725.1	435.5	1,160.6	
April	5.8	—	743.3	86.1	168.7	868.1	1,036.8	
May	6.1	—	752.5	64.0	117.4	1,089.1	1,206.5	
June	6.7	—	769.6	81.4	111.8	729.5	841.2	
July	16.3	—	842.5	59.8	217.3	1,887.5	2,104.8	
August	8.5	—	947.4	58.2	73.8	1,215.3	1,289.1	
September	7.5	—	742.2	65.6	114.0	1,090.3	1,204.3	
October	9.4	—	853.4	68.3	W	W	2,146.5	
November	6.4	—	900.1	79.7	145.2	990.0	1,135.2	
December	5.5	—	914.5	92.5	558.5	2,505.6	3,064.0	
1998 Average	7.3	—	795.4	85.6	303.5	1,255.9	1,559.4	
New Hampshire								
January	W	—	45.9	212.2	W	W	728.8	
February	2.4	—	44.9	234.7	30.6	172.0	202.6	
March	1.3	—	46.2	219.6	W	W	311.7	
April	2.3	—	47.7	129.4	W	W	168.3	
May	2.4	—	51.7	77.8	W	W	503.5	
June	1.2	—	63.4	76.0	W	W	482.0	
July	3.0	—	75.2	60.2	W	W	375.7	
August	2.5	—	72.4	72.7	W	W	319.3	
September	2.9	—	66.5	96.9	W	W	142.2	
October	3.2	—	74.2	96.8	W	W	598.3	
November	NA	—	75.1	122.6	W	W	368.7	
December	2.5	—	87.3	163.3	W	W	187.7	
1998 Average	2.2	—	62.7	129.6	114.7	253.2	367.9	
Rhode Island								
January	W	—	86.5	39.7	211.5	—	211.5	
February	W	—	97.0	41.4	199.9	—	199.9	
March	W	—	92.5	38.4	W	W	155.2	
April	W	—	90.5	27.3	W	W	130.9	
May	W	—	92.8	24.5	W	W	95.5	
June	W	—	89.7	25.0	W	W	111.6	
July	W	—	97.6	23.5	W	W	100.8	
August	W	—	103.4	21.6	W	W	100.4	
September	W	—	93.1	25.1	W	W	103.7	
October	W	—	95.5	23.6	W	W	76.5	
November	W	—	90.2	30.5	W	W	101.4	
December	W	—	106.0	37.0	W	W	114.0	
1998 Average	W	—	94.6	29.7	W	W	124.6	

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	
Vermont								
January	W	—	12.0	133.2	W	W	44.0	
February	W	—	9.3	132.1	W	W	40.1	
March	W	—	12.9	119.9	W	W	33.7	
April	W	—	10.2	73.7	W	W	36.1	
May	W	—	11.3	41.5	W	W	25.9	
June	W	—	14.3	42.0	W	24.8	W	
July	W	—	12.8	40.1	W	W	31.5	
August	W	—	14.3	42.3	—	W	W	
September	W	—	11.3	55.4	W	27.1	W	
October	W	—	15.5	68.0	W	W	35.6	
November	W	—	10.6	93.8	W	W	40.2	
December	W	—	14.5	120.0	W	W	44.6	
1998 Average	W	—	12.5	79.9	W	W	34.1	
Subdistrict IB								
January	24.7	W	6,971.1	2,658.8	4,594.0	4,303.1	8,897.1	
February	37.6	W	7,616.3	2,753.8	4,450.1	2,673.3	7,123.4	
March	89.6	W	7,122.4	2,571.5	4,855.0	4,123.6	8,978.6	
April	45.8	W	7,845.0	1,984.1	3,621.4	3,612.3	7,233.8	
May	46.2	W	7,388.2	1,577.6	2,908.3	3,822.5	6,730.7	
June	51.6	W	7,908.8	1,588.7	3,353.2	3,871.8	7,225.0	
July	66.9	W	7,878.0	1,515.6	4,111.8	5,534.1	9,645.9	
August	55.5	W	7,554.9	1,605.5	4,975.1	5,828.7	10,803.8	
September	57.4	W	7,396.7	1,930.5	2,847.8	5,295.1	8,142.9	
October	52.5	W	7,413.7	2,153.6	3,976.7	4,398.9	8,375.6	
November	42.1	W	8,019.7	2,449.9	4,208.6	3,815.6	8,024.2	
December	39.8	W	7,234.8	2,941.9	5,826.7	5,267.9	11,094.6	
1998 Average	50.9	W	7,525.5	2,141.0	4,148.5	4,395.5	8,544.0	
Delaware								
January	0.7	—	W	216.0	W	W	W	
February	1.5	—	W	407.6	W	90.4	W	
March	1.5	—	W	240.9	W	W	297.7	
April	0.8	—	W	168.8	W	76.5	W	
May	1.5	—	W	165.2	W	73.5	W	
June	1.2	—	W	W	218.9	W	W	
July	2.2	—	W	W	349.1	W	W	
August	2.0	—	W	W	W	381.3	W	
September	1.7	—	W	208.8	W	W	W	
October	1.0	—	W	W	250.7	W	W	
November	1.1	—	W	243.8	W	W	W	
December	W	—	7.1	258.6	W	NA	W	
1998 Average	1.3	—	W	222.1	W	167.1	W	
District of Columbia								
January	—	—	W	—	W	—	W	
February	—	—	W	—	W	—	W	
March	—	—	W	—	W	—	W	
April	—	—	W	—	W	—	W	
May	—	—	W	—	W	—	W	
June	—	—	W	—	W	—	W	
July	—	—	W	—	W	—	W	
August	—	—	W	—	W	—	W	
September	—	—	W	—	W	—	W	
October	—	—	W	—	W	—	W	
November	—	—	W	—	W	—	W	
December	—	—	—	W	W	—	W	
1998 Average	—	—	W	W	W	—	W	

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline	Naphtha- Type Jet Fuel	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil			
					Sulfur Less Than or Equal to 1 Percent	Sulfur Greater Than 1 Percent	Total Residual Fuel Oil	
Maryland								
January	3.7	—	459.1	192.2	72.5	103.3	175.8	
February	3.1	—	470.4	180.2	W	W	209.1	
March	5.0	—	382.5	172.4	W	50.2	W	
April	5.7	—	443.7	108.2	W	W	637.4	
May	4.7	—	384.9	69.9	W	W	828.0	
June	5.8	—	360.7	W	W	W	510.2	
July	6.6	—	402.9	W	W	W	537.8	
August	6.4	—	343.8	W	629.6	101.3	730.9	
September	6.0	—	418.4	94.6	W	W	1,590.7	
October	5.1	—	377.8	W	W	W	1,514.5	
November	W	—	401.7	153.0	511.0	428.8	939.8	
December	W	—	402.3	W	189.8	487.9	677.7	
1998 Average	5.0	—	403.4	W	326.7	412.0	738.7	
New Jersey								
January	8.3	—	3,680.7	447.5	1,143.2	1,215.7	2,358.8	
February	16.1	—	3,919.4	443.8	684.8	491.0	1,175.8	
March	50.6	—	3,840.4	482.3	837.4	1,109.3	1,946.6	
April	18.8	—	4,146.6	441.6	842.1	783.4	1,625.4	
May	17.4	—	3,808.9	324.6	363.0	682.5	1,045.5	
June	18.3	—	4,221.2	353.1	706.5	1,045.8	1,752.3	
July	26.2	—	3,729.8	332.7	1,130.4	1,037.1	2,167.5	
August	NA	—	3,727.4	361.7	906.5	782.3	1,688.8	
September	NA	—	3,833.2	422.5	884.2	927.7	1,811.9	
October	NA	—	3,655.1	409.4	1,027.3	840.7	1,868.0	
November	W	—	3,912.1	436.1	806.6	449.8	1,256.4	
December	NA	—	3,344.8	643.9	2,160.7	1,396.0	3,556.8	
1998 Average	21.2	—	3,815.2	424.9	961.6	901.1	1,862.7	
New York								
January	4.9	—	1,170.2	803.8	2,879.7	2,255.4	5,135.1	
February	5.5	—	1,302.4	763.9	2,791.9	1,396.1	4,188.0	
March	21.4	—	1,284.2	764.6	3,162.5	1,676.1	4,838.6	
April	7.5	—	1,492.2	489.2	2,123.3	1,830.7	3,954.0	
May	7.8	—	1,597.1	375.5	1,926.6	1,898.0	3,824.6	
June	10.5	—	1,510.5	373.7	1,572.9	1,534.7	3,107.6	
July	13.1	—	1,774.3	342.0	1,543.4	2,646.5	4,189.8	
August	11.5	—	1,551.1	404.9	2,263.8	2,409.3	4,673.1	
September	13.2	—	1,521.8	508.3	1,107.7	2,110.7	3,218.4	
October	12.3	—	1,564.2	534.4	2,304.8	1,439.8	3,744.6	
November	7.3	—	1,866.5	601.0	1,945.0	1,887.2	3,832.1	
December	9.4	—	1,616.0	723.8	2,519.8	2,495.9	5,015.7	
1998 Average	10.4	—	1,521.8	556.1	2,178.8	1,971.1	4,149.8	
Pennsylvania								
January	7.1	W	1,617.3	999.3	W	W	1,055.5	
February	11.3	W	1,831.6	958.3	W	W	1,407.2	
March	11.2	W	1,570.4	911.4	W	W	1,410.2	
April	13.0	W	1,681.1	776.4	W	W	905.0	
May	14.7	W	1,541.5	642.5	W	W	887.1	
June	15.8	W	1,715.3	592.6	538.2	928.7	1,466.9	
July	18.9	W	1,871.4	629.6	750.3	1,547.0	2,297.3	
August	14.6	W	1,887.5	607.9	988.0	2,154.6	3,142.6	
September	14.6	W	1,576.5	696.2	528.4	689.8	1,218.2	
October	12.8	W	1,720.9	849.4	134.2	708.7	842.9	
November	11.5	W	1,773.0	1,016.0	W	W	1,109.0	
December	10.8	W	1,864.6	1,146.5	688.7	755.5	1,444.2	
1998 Average	13.0	W	1,720.4	818.2	491.0	944.2	1,435.2	

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline	Naphtha- Type Jet Fuel	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Less Than or Equal to 1 Percent	Sulfur Greater Than 1 Percent	Total Residual Fuel Oil
Subdistrict IC							
January	104.8	W	6,844.0	5,148.4	545.5	5,058.8	5,604.3
February	111.3	W	6,752.9	5,188.6	1,117.4	3,658.1	4,775.5
March	121.7	W	6,859.4	4,690.8	1,004.0	3,869.5	4,873.5
April	139.8	W	6,924.4	2,431.8	2,480.3	4,791.9	7,272.2
May	117.7	W	6,163.8	2,306.9	1,571.8	3,897.2	5,469.0
June	127.1	W	6,403.4	2,501.1	1,402.9	4,789.1	6,191.9
July	127.7	W	6,129.3	2,715.0	2,568.0	4,957.3	7,525.4
August	114.8	W	5,906.8	3,442.8	2,748.1	5,324.1	8,072.2
September	118.2	W	5,619.9	3,847.2	W	W	5,405.7
October	125.4	W	6,409.8	3,952.7	1,980.8	4,838.4	6,819.2
November	116.2	W	6,311.5	3,756.7	1,691.9	3,888.9	5,580.7
December	121.3	W	6,480.6	4,985.8	1,375.2	4,285.6	5,660.9
1998 Average	120.5	W	6,398.5	3,742.2	1,652.5	4,462.5	6,115.0
Florida							
January	60.0	—	3,393.6	1,014.4	W	W	3,209.4
February	64.1	—	3,246.5	1,155.1	1,020.5	1,785.2	2,805.6
March	68.8	—	3,558.9	989.0	805.4	1,932.0	2,737.4
April	74.4	—	3,450.1	754.2	2,284.0	2,751.4	5,035.4
May	64.9	—	2,783.6	614.2	W	W	3,693.0
June	67.2	—	2,832.5	569.5	1,249.1	3,263.0	4,512.2
July	61.0	—	2,807.8	607.5	2,311.5	2,408.5	4,719.9
August	54.1	—	2,576.5	672.1	W	W	5,344.4
September	53.7	—	2,261.6	668.6	W	W	3,767.4
October	65.2	—	2,600.5	722.3	1,312.8	3,321.7	4,634.5
November	66.5	—	2,558.8	765.4	1,553.2	2,360.2	3,913.4
December	69.5	—	3,122.8	982.8	1,306.0	2,689.8	3,995.8
1998 Average	64.1	—	2,931.9	791.1	1,373.8	2,664.0	4,037.8
Georgia							
January	15.9	W	1,508.8	987.8	—	389.2	389.2
February	17.9	W	1,613.8	1,005.7	—	254.9	254.9
March	19.1	W	1,401.8	955.1	—	283.1	283.1
April	23.2	W	1,534.3	488.1	—	W	W
May	16.7	W	1,539.6	690.5	—	W	W
June	24.0	W	1,606.2	483.2	—	W	W
July	23.2	W	1,472.3	527.3	—	W	W
August	20.9	W	1,496.2	698.1	—	167.7	167.7
September	22.5	W	1,468.3	903.6	—	177.1	177.1
October	22.9	W	1,782.0	841.2	—	266.5	266.5
November	17.2	W	1,834.3	788.4	—	141.4	141.4
December	21.1	W	1,445.7	1,050.5	—	164.3	164.3
1998 Average	20.4	W	1,557.6	784.4	—	248.5	248.5
North Carolina							
January	16.5	—	717.7	1,664.3	W	W	848.7
February	16.5	—	648.4	1,601.6	W	W	834.3
March	17.3	—	632.0	1,347.2	W	W	781.3
April	23.1	—	645.9	571.6	W	W	707.8
May	17.2	—	702.7	503.6	W	W	527.5
June	16.4	—	736.5	826.7	W	W	538.2
July	18.4	—	628.9	980.3	W	W	584.3
August	18.4	—	672.5	1,232.7	W	W	573.4
September	21.0	—	774.9	1,396.5	W	W	615.4
October	22.1	—	777.2	1,228.9	W	W	561.0
November	15.2	—	685.8	1,167.9	W	W	680.0
December	16.5	—	717.8	1,469.1	W	W	687.9
1998 Average	18.2	—	695.2	1,164.2	W	W	660.5

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	
South Carolina								
January	6.9	—	134.2	653.0	W	W	W	
February	7.2	—	154.2	634.4	W	W	W	
March	8.4	—	145.4	729.2	W	W	W	
April	8.4	—	167.6	262.7	W	W	W	
May	7.0	—	145.0	228.9	W	W	W	
June	7.2	—	150.4	311.6	—	W	W	
July	8.8	—	146.2	318.1	W	W	W	
August	7.4	—	142.4	409.5	W	W	W	
September	7.0	—	136.8	419.9	W	W	W	
October	6.9	—	153.4	383.2	W	W	W	
November	8.0	—	129.2	377.5	W	W	W	
December	6.7	—	169.7	607.2	W	W	W	
1998 Average	7.5	—	147.8	444.2	W	W	W	
Virginia								
January	4.5	—	1,074.6	652.8	W	W	870.1	
February	W	—	1,074.1	632.0	W	W	579.7	
March	5.6	—	1,103.6	540.7	W	W	664.5	
April	8.7	—	1,108.7	294.6	148.5	567.5	716.0	
May	9.0	—	976.6	222.7	20.2	636.3	656.5	
June	9.6	—	1,053.8	259.6	136.7	399.0	535.7	
July	11.4	—	1,054.1	232.8	W	W	1,567.4	
August	10.8	—	1,000.9	371.7	1,012.1	691.1	1,703.2	
September	10.6	—	959.3	379.3	241.9	372.1	614.1	
October	4.2	—	1,078.0	692.3	528.1	496.7	1,024.8	
November	6.9	—	1,088.0	540.1	W	W	519.2	
December	4.9	—	1,007.1	710.7	29.2	545.4	574.6	
1998 Average	7.5	—	1,048.0	460.4	216.7	623.6	840.2	
West Virginia								
January	1.0	—	15.1	176.1	W	W	W	
February	W	—	15.9	159.8	W	—	W	
March	2.6	—	17.6	129.7	W	W	W	
April	2.1	—	17.8	60.6	W	—	W	
May	2.9	—	16.3	46.9	W	W	W	
June	2.6	—	24.1	50.5	W	W	W	
July	5.0	—	20.1	49.0	W	—	W	
August	3.2	—	18.4	58.8	W	W	W	
September	3.4	—	19.0	79.3	W	—	W	
October	4.0	—	18.8	84.8	W	—	W	
November	2.3	—	15.4	117.3	W	—	W	
December	2.5	—	17.5	165.5	W	—	W	
1998 Average	2.8	—	18.0	97.9	W	11.7	W	
PAD District II								
January	133.5	W	9,164.1	18,144.8	W	W	483.4	
February	181.9	W	9,518.6	14,517.5	W	W	588.4	
March	161.8	W	9,837.5	13,557.3	W	W	579.4	
April	233.4	W	9,648.3	8,170.5	W	W	620.3	
May	247.9	W	9,868.6	5,635.9	187.9	281.6	469.6	
June	269.4	W	10,514.4	6,537.7	92.1	385.1	477.2	
July	313.4	142.0	10,021.8	7,517.2	W	W	468.9	
August	283.1	W	10,261.9	8,192.0	W	W	580.0	
September	281.6	W	9,334.0	11,227.6	W	W	355.1	
October	259.2	W	10,262.0	14,579.3	W	W	392.6	
November	185.4	W	10,532.9	13,525.1	W	W	510.6	
December	202.8	W	10,740.7	17,606.9	163.4	508.4	671.8	
1998 Average	229.7	W	9,978.8	11,596.0	W	W	516.1	

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline	Naphtha- Type Jet Fuel	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil			
					Sulfur Less Than or Equal to 1 Percent	Sulfur Greater Than 1 Percent	Total Residual Fuel Oil	
Illinois								
January	W	—	1,093.1	1,884.1	W	W	W	
February	W	—	1,215.3	1,511.6	W	W	W	
March	W	—	1,133.7	1,466.0	W	W	137.8	
April	W	—	1,222.7	960.8	W	W	95.7	
May	W	—	1,219.6	606.8	W	W	130.1	
June	W	—	1,459.7	725.3	—	W	W	
July	W	—	1,517.0	1,069.8	W	W	W	
August	W	—	1,409.1	1,040.4	W	W	W	
September	14.9	—	1,433.3	1,408.1	105.8	—	105.8	
October	12.4	—	1,510.0	1,593.6	—	—	—	
November	11.6	—	1,450.4	1,450.7	W	W	44.6	
December	W	—	1,571.0	1,701.2	—	W	W	
1998 Average	11.1	—	1,353.6	1,284.6	46.6	13.4	60.0	
Indiana								
January	9.6	—	1,001.6	1,159.0	W	W	W	
February	14.0	—	818.3	1,011.0	W	W	74.8	
March	9.7	—	1,159.2	847.4	W	W	W	
April	12.0	—	1,025.5	492.7	W	W	143.8	
May	11.4	—	985.9	345.3	W	W	33.6	
June	16.1	—	1,043.1	409.9	W	W	59.8	
July	14.2	—	908.4	491.9	W	W	W	
August	12.7	—	880.3	525.2	W	W	W	
September	13.9	—	997.8	739.1	W	W	W	
October	11.9	—	942.0	807.6	W	W	56.0	
November	10.9	—	1,023.9	766.3	W	W	47.2	
December	9.7	—	1,116.4	1,025.2	W	W	92.9	
1998 Average	12.2	—	993.0	717.3	W	W	77.4	
Iowa								
January	5.5	—	103.5	1,528.9	—	—	—	
February	8.5	—	122.0	1,047.4	—	W	W	
March	10.8	—	119.5	1,169.7	—	—	—	
April	11.2	—	118.7	557.6	—	—	—	
May	13.8	—	117.7	338.5	W	—	W	
June	17.8	—	134.1	276.1	—	W	W	
July	24.1	—	127.0	542.7	—	W	W	
August	17.9	—	124.6	507.7	—	—	—	
September	18.4	—	117.9	1,041.2	—	—	—	
October	23.0	—	127.0	1,880.5	—	W	W	
November	11.5	—	120.2	1,224.1	—	W	W	
December	11.4	—	130.8	2,310.4	—	W	W	
1998 Average	14.5	—	121.9	1,038.2	W	W	5.3	
Kansas								
January	6.6	—	174.6	2,188.8	—	W	W	
February	11.2	—	235.8	1,791.3	—	W	W	
March	11.7	—	169.6	1,435.1	—	W	W	
April	15.0	—	187.4	1,395.1	—	W	W	
May	13.2	—	327.1	1,245.4	—	W	W	
June	12.4	—	398.4	1,748.4	—	W	W	
July	19.1	—	201.7	1,455.1	—	W	W	
August	15.9	—	185.3	1,506.4	—	W	W	
September	13.2	—	152.9	1,679.8	—	W	W	
October	12.7	—	238.8	2,169.8	—	W	W	
November	10.7	—	199.2	2,552.5	—	W	W	
December	12.4	—	196.3	2,862.1	—	W	W	
1998 Average	12.9	—	222.0	1,836.1	—	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	
Kentucky								
January	1.7	—	420.5	810.4	W	W	W	
February	3.5	—	413.4	774.6	W	W	W	
March	2.6	—	451.8	689.7	W	W	W	
April	3.0	—	417.5	450.8	W	W	W	
May	4.2	—	572.0	301.0	W	W	W	
June	3.4	—	NA	427.2	W	NA	W	
July	3.1	W	524.8	390.5	W	W	W	
August	4.0	—	622.8	446.3	W	W	W	
September	4.6	—	W	458.0	W	W	W	
October	3.5	—	691.5	428.5	W	W	W	
November	4.2	W	688.7	433.9	W	W	W	
December	2.1	W	695.6	673.3	W	W	W	
1998 Average	3.3	W	550.3	522.5	W	W	4.5	
Michigan								
January	13.7	—	941.5	1,755.1	—	W	W	
February	28.0	—	951.7	1,446.1	—	W	W	
March	27.7	—	1,126.9	1,498.1	—	W	W	
April	32.6	—	929.1	1,077.0	—	W	W	
May	NA	—	1,016.4	680.3	—	W	W	
June	NA	—	1,079.0	715.5	—	W	W	
July	38.9	—	868.8	842.8	—	9.4	9.4	
August	45.2	—	851.8	772.2	—	16.2	16.2	
September	46.4	—	766.3	1,236.3	—	W	W	
October	NA	—	839.0	1,670.7	—	W	W	
November	23.4	—	943.8	1,190.1	—	73.3	73.3	
December	31.6	—	834.2	1,241.8	—	79.8	79.8	
1998 Average	33.6	—	928.8	1,176.3	—	33.8	33.8	
Minnesota								
January	W	—	1,175.4	1,633.8	W	W	129.4	
February	18.0	—	1,156.5	1,172.5	W	W	185.9	
March	W	—	1,144.0	1,061.2	W	W	142.4	
April	30.4	—	1,106.7	589.1	W	W	166.9	
May	W	—	1,080.7	302.8	W	W	152.4	
June	43.3	—	1,034.4	410.1	W	W	159.0	
July	W	—	1,133.6	477.5	—	174.2	174.2	
August	W	—	1,248.5	603.9	—	138.1	138.1	
September	W	—	724.9	937.0	W	W	101.1	
October	W	—	1,112.0	1,667.6	W	W	94.9	
November	20.7	—	1,125.8	1,218.2	W	W	134.5	
December	W	—	1,163.8	1,474.5	W	W	184.5	
1998 Average	W	—	1,101.2	962.5	W	W	146.7	
Missouri								
January	8.4	—	1,156.5	1,889.6	—	—	—	
February	11.6	—	1,324.2	1,397.1	W	—	W	
March	10.1	—	1,302.5	1,386.5	W	—	W	
April	12.6	—	1,301.4	602.8	—	W	W	
May	12.8	—	1,183.2	342.1	—	—	—	
June	W	—	1,407.8	375.6	W	W	W	
July	15.9	—	1,308.1	437.6	W	—	W	
August	16.0	—	1,321.3	768.8	W	—	W	
September	16.6	—	1,316.4	1,120.8	—	—	—	
October	16.1	—	1,322.5	1,112.1	W	W	W	
November	13.6	—	1,368.7	1,099.3	—	W	W	
December	12.8	—	1,436.0	1,776.1	—	W	W	
1998 Average	13.4	—	1,311.9	1,025.1	W	W	5.6	

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								
January	W	—	110.7	590.3	—	W	W	
February	W	—	113.8	445.0	—	W	W	
March	W	—	107.5	463.8	—	W	W	
April	W	—	107.5	183.2	—	W	W	
May	W	—	109.1	109.2	—	W	W	
June	W	—	123.9	186.8	—	—	—	
July	W	—	113.0	418.5	—	W	W	
August	W	—	111.4	291.6	—	—	—	
September	W	—	114.2	474.3	—	W	W	
October	W	—	107.3	434.6	—	W	W	
November	W	—	105.6	371.8	—	W	W	
December	W	—	110.9	610.9	—	W	W	
1998 Average	W	—	111.2	382.0	—	W	W	
North Dakota								
January	W	—	21.9	368.7	—	—	—	
February	2.3	—	21.3	209.3	—	—	—	
March	2.9	—	22.0	245.3	—	—	—	
April	3.7	—	22.3	93.2	—	—	—	
May	4.8	—	18.2	78.8	—	—	—	
June	4.6	—	21.6	124.6	—	—	—	
July	4.9	—	21.2	159.1	—	—	—	
August	4.2	—	22.9	172.6	—	—	—	
September	NA	—	W	173.9	—	W	W	
October	3.8	—	23.6	249.3	W	W	W	
November	W	—	21.4	261.0	W	—	W	
December	W	—	23.4	299.3	—	—	—	
1998 Average	3.3	—	21.7	203.3	W	W	W	
Ohio								
January	31.2	W	1,307.5	1,189.9	W	W	37.8	
February	35.8	W	1,393.2	1,313.7	W	W	34.7	
March	33.6	W	1,324.7	1,131.7	W	W	46.7	
April	47.5	W	1,464.4	684.6	W	W	41.2	
May	40.6	W	1,458.3	565.8	W	W	15.2	
June	47.1	W	1,407.3	353.7	W	W	70.9	
July	50.6	W	1,505.8	342.8	W	W	12.7	
August	52.7	W	1,517.5	380.8	W	W	117.5	
September	44.2	W	1,347.6	586.8	W	W	33.0	
October	44.3	W	1,346.3	864.0	W	W	48.3	
November	34.9	W	1,436.8	905.5	W	W	21.3	
December	37.6	—	1,561.0	1,115.2	W	W	137.5	
1998 Average	41.7	W	1,422.9	783.5	W	W	51.6	
Oklahoma								
January	7.8	—	454.8	809.8	—	—	—	
February	9.0	—	502.2	680.0	—	—	—	
March	8.9	—	488.8	630.2	—	—	—	
April	12.9	W	509.4	256.3	—	—	—	
May	14.1	NA	536.5	187.7	—	—	—	
June	12.7	NA	537.7	202.9	—	—	—	
July	15.6	W	531.8	258.9	—	—	—	
August	11.2	—	659.4	314.1	—	—	—	
September	10.7	—	553.8	382.7	—	—	—	
October	12.7	—	629.5	411.0	—	—	—	
November	9.0	—	614.8	551.9	—	—	—	
December	7.6	—	575.6	698.0	—	—	—	
1998 Average	11.0	W	549.9	447.8	—	—	—	

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline	Naphtha- Type Jet Fuel	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil			
					Sulfur Less Than or Equal to 1 Percent	Sulfur Greater Than 1 Percent	Total Residual Fuel Oil	
South Dakota								
January	W	—	57.5	348.9	—	—	—	
February	3.9	—	72.1	235.3	—	W	W	
March	5.2	—	59.4	242.4	—	W	W	
April	W	—	97.0	97.1	—	W	W	
May	10.4	—	85.5	50.3	—	W	W	
June	11.2	—	83.2	72.0	—	W	W	
July	11.2	—	91.0	84.8	—	W	W	
August	9.2	—	53.0	132.2	—	W	W	
September	8.2	—	103.5	169.7	—	W	W	
October	6.6	—	105.8	258.3	—	W	W	
November	5.0	—	111.4	328.8	—	W	W	
December	5.6	—	91.9	330.8	—	W	W	
1998 Average	7.4	—	84.2	195.9	—	W	W	
Tennessee								
January	12.3	—	936.5	590.5	W	W	28.9	
February	16.9	—	1,006.9	454.3	W	W	29.4	
March	15.0	—	1,014.5	356.6	W	W	17.1	
April	18.7	W	945.2	153.4	W	W	8.0	
May	17.6	—	975.7	179.2	19.5	—	19.5	
June	21.0	—	1,038.5	152.6	23.6	—	23.6	
July	18.6	—	968.6	217.2	24.8	—	24.8	
August	25.6	—	1,061.0	302.5	W	W	18.5	
September	23.5	—	973.0	338.8	W	W	13.2	
October	25.0	—	1,094.5	311.0	W	W	22.0	
November	17.0	—	1,132.9	350.6	W	W	29.6	
December	17.2	—	1,025.4	464.1	W	W	16.4	
1998 Average	19.0	W	1,014.4	322.3	16.3	4.6	20.9	
Wisconsin								
January	W	—	208.5	1,397.0	W	W	W	
February	W	—	172.0	1,028.4	—	W	W	
March	W	—	213.2	933.7	W	W	W	
April	W	—	193.5	576.7	—	W	W	
May	W	—	182.8	302.7	W	W	W	
June	W	—	196.0	357.2	W	W	W	
July	W	—	201.0	328.0	—	W	W	
August	W	—	192.9	427.3	W	W	W	
September	W	—	170.0	481.1	—	W	W	
October	W	—	172.2	720.7	—	W	W	
November	W	—	189.4	820.4	W	W	W	
December	W	—	208.5	1,024.0	—	W	W	
1998 Average	W	—	191.9	698.6	W	W	W	
PAD District III								
January	84.3	W	15,205.4	16,601.8	580.0	6,031.3	6,611.2	
February	114.1	W	15,076.1	18,461.4	344.6	6,306.9	6,651.5	
March	193.6	W	15,006.0	16,195.3	461.8	6,499.0	6,960.8	
April	168.6	W	14,967.2	14,378.2	736.0	6,780.7	7,516.6	
May	144.7	W	16,164.2	12,755.2	W	W	8,406.4	
June	173.1	W	15,889.8	14,498.3	W	W	7,120.9	
July	172.3	W	16,447.1	12,335.1	713.7	7,542.2	8,255.9	
August	157.9	W	16,534.8	12,999.2	664.0	4,754.4	5,418.3	
September	141.9	W	14,541.3	13,877.9	938.8	7,330.0	8,268.7	
October	126.5	W	16,733.6	14,253.3	693.7	6,850.0	7,543.6	
November	107.5	W	15,601.9	14,855.3	509.3	6,711.3	7,220.6	
December	96.7	W	15,581.2	19,604.4	W	W	7,198.2	
1998 Average	140.2	W	15,654.7	15,047.4	625.2	6,641.3	7,266.5	

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	
Alabama								
January	7.8	W	170.2	521.5	W	W	253.2	
February	8.9	W	185.4	634.9	W	231.0	W	
March	7.4	W	184.7	437.2	W	W	96.8	
April	11.1	W	279.9	214.2	—	212.6	212.6	
May	10.4	W	450.6	210.1	W	W	115.1	
June	11.4	W	520.2	188.1	W	W	W	
July	10.5	W	421.4	243.8	—	267.1	267.1	
August	10.5	W	420.3	315.5	W	W	125.3	
September	8.7	W	411.6	464.0	W	W	110.7	
October	13.2	W	500.5	433.3	W	W	242.8	
November	8.8	W	354.8	451.2	W	W	268.2	
December	8.5	W	436.4	595.6	W	W	173.6	
1998 Average	9.8	W	362.4	391.1	W	W	W	
Arkansas								
January	8.4	—	115.8	578.6	—	—	—	
February	12.2	—	212.6	489.4	—	—	—	
March	11.3	—	143.5	450.6	—	—	—	
April	12.0	—	135.1	198.5	—	—	—	
May	13.0	—	182.7	104.6	—	—	—	
June	17.4	—	186.5	127.9	—	—	—	
July	14.5	—	169.2	147.8	—	—	—	
August	12.1	—	139.5	208.9	—	—	—	
September	12.6	—	137.5	360.4	—	—	—	
October	8.5	—	127.7	412.6	—	—	—	
November	7.9	—	165.1	422.5	—	—	—	
December	7.4	—	175.6	689.4	—	—	—	
1998 Average	11.4	—	157.1	348.9	—	—	—	
Louisiana								
January	7.0	—	3,097.8	2,560.8	82.7	3,916.7	3,999.5	
February	9.0	—	2,595.6	2,547.8	W	W	4,178.4	
March	11.0	—	3,366.6	2,297.5	255.5	3,876.0	4,131.6	
April	12.1	—	2,893.4	2,265.4	—	4,681.1	4,681.1	
May	12.5	—	3,083.1	1,317.4	—	4,925.4	4,925.4	
June	13.8	—	2,876.4	1,544.1	W	W	4,413.8	
July	12.3	—	3,213.8	1,047.4	W	W	4,268.1	
August	12.2	—	2,958.4	838.7	W	W	2,963.4	
September	9.3	—	2,608.8	1,310.8	—	4,456.7	4,456.7	
October	11.3	—	2,969.6	1,466.1	—	4,037.1	4,037.1	
November	10.3	—	2,597.9	1,609.1	—	4,110.6	4,110.6	
December	9.3	—	3,053.8	2,032.9	W	W	4,279.4	
1998 Average	10.8	—	2,948.0	1,730.4	54.4	4,147.2	4,201.6	
Mississippi								
January	3.5	W	831.1	770.5	W	W	W	
February	W	W	821.2	885.4	W	W	353.8	
March	7.8	W	777.4	740.8	W	W	W	
April	4.7	W	586.2	522.8	W	W	W	
May	7.1	W	851.0	404.1	W	W	W	
June	11.4	W	923.7	823.9	W	—	W	
July	10.5	W	846.0	457.0	W	W	W	
August	10.7	W	706.3	733.0	W	NA	W	
September	8.9	W	796.7	648.5	W	W	W	
October	5.8	W	711.3	612.5	W	30.8	W	
November	4.6	W	888.8	685.3	W	W	W	
December	W	W	753.1	1,204.5	W	W	W	
1998 Average	6.9	W	790.7	706.3	W	W	424.2	

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline	Naphtha- Type Jet Fuel	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil			
					Sulfur Less Than or Equal to 1 Percent	Sulfur Greater Than 1 Percent	Total Residual Fuel Oil	
New Mexico								
January	12.1	—	240.5	410.7	W	—	W	
February	W	—	206.5	402.4	W	—	W	
March	11.1	—	165.0	364.8	W	—	W	
April	12.5	—	205.4	262.6	W	—	W	
May	18.8	—	208.5	178.8	W	—	W	
June	19.1	—	235.6	179.6	W	—	W	
July	15.9	—	208.6	192.4	W	—	W	
August	14.6	—	216.1	214.5	W	—	W	
September	11.8	—	213.6	231.0	W	—	W	
October	13.3	—	254.3	320.1	W	—	W	
November	11.7	—	271.8	296.7	W	—	W	
December	W	—	284.9	388.2	W	—	W	
1998 Average	13.3	—	226.0	286.4	W	—	W	
Texas								
January	45.5	—	10,750.0	11,759.6	223.2	1,830.1	2,053.3	
February	72.0	—	11,054.8	13,501.6	147.9	1,724.7	1,872.6	
March	145.0	—	10,368.7	11,904.4	184.4	2,508.2	2,692.6	
April	116.2	—	10,867.1	10,914.7	W	W	2,012.4	
May	82.9	—	11,388.3	10,540.3	35.5	2,977.5	3,012.9	
June	100.0	—	11,147.4	11,634.5	W	W	2,104.1	
July	108.6	—	11,588.2	10,246.8	W	W	3,185.8	
August	97.9	—	12,094.2	10,688.5	W	W	1,848.5	
September	90.6	—	10,373.0	10,863.1	W	W	2,879.8	
October	74.4	—	12,170.4	11,008.6	W	W	2,806.7	
November	64.3	—	11,323.5	11,390.6	168.1	2,326.8	2,494.9	
December	58.1	—	10,877.5	14,693.7	W	W	2,304.7	
1998 Average	88.0	—	11,170.5	11,584.2	184.0	2,260.4	2,444.4	
PAD District IV								
January	22.7	NA	1,289.6	1,620.5	W	W	32.5	
February	30.8	NA	1,780.5	1,286.8	W	W	26.1	
March	30.5	NA	1,481.1	1,291.3	W	W	29.5	
April	33.5	NA	1,281.8	965.3	W	W	26.1	
May	40.0	—	1,434.0	709.9	W	W	39.6	
June	52.4	—	1,422.6	755.8	W	W	29.1	
July	62.0	—	1,548.4	734.1	W	W	44.9	
August	52.5	—	1,796.3	793.9	W	W	32.7	
September	48.5	—	1,456.5	893.6	W	W	28.4	
October	33.8	—	1,512.9	1,037.7	W	W	31.5	
November	23.0	—	1,407.3	1,125.7	W	W	23.7	
December	27.0	—	1,870.1	1,515.9	W	W	14.9	
1998 Average	38.1	NA	1,522.7	1,060.4	W	W	30.0	
Colorado								
January	12.7	—	533.5	644.7	—	—	—	
February	14.6	—	957.1	523.8	—	—	—	
March	15.4	—	659.7	537.5	—	—	—	
April	14.0	—	584.8	343.1	—	—	—	
May	20.0	—	665.9	225.5	W	—	W	
June	21.9	—	610.0	206.0	W	—	W	
July	25.1	—	695.7	199.6	W	—	W	
August	23.1	—	777.1	231.2	W	—	W	
September	20.3	—	610.3	299.7	W	—	W	
October	15.1	—	737.1	318.1	—	—	—	
November	10.6	—	650.8	433.6	—	—	—	
December	14.4	—	920.5	632.0	—	—	—	
1998 Average	17.3	—	699.0	382.4	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								
January	W	—	73.3	88.1	—	—	—	
February	W	—	64.0	68.4	—	—	—	
March	W	—	78.6	74.6	—	—	—	
April	W	—	61.3	69.0	—	W	W	
May	3.4	—	65.4	45.0	—	—	—	
June	W	—	64.4	52.0	—	—	—	
July	W	—	103.7	53.3	—	—	—	
August	6.7	—	87.1	57.0	W	—	W	
September	W	—	76.0	58.9	—	—	—	
October	3.7	—	68.0	67.4	—	—	—	
November	2.9	—	54.4	83.1	—	—	—	
December	W	—	87.9	118.8	—	—	—	
1998 Average	3.7	—	73.9	69.7	W	W	W	
Montana								
January	W	—	70.5	248.4	—	W	W	
February	W	—	71.9	220.6	—	W	W	
March	5.7	—	68.3	214.8	—	W	W	
April	W	—	69.6	172.5	—	W	W	
May	W	—	71.9	117.5	—	W	W	
June	13.7	—	94.2	143.2	—	W	W	
July	12.6	—	100.2	139.0	—	W	W	
August	W	—	101.6	154.8	—	W	W	
September	11.9	—	93.4	158.3	—	W	W	
October	W	—	86.1	204.1	—	W	W	
November	W	—	71.0	189.2	—	W	W	
December	W	—	84.7	215.3	—	W	W	
1998 Average	7.8	—	82.0	181.3	—	W	W	
Utah								
January	3.9	NA	602.7	289.4	NA	W	W	
February	7.1	NA	677.3	172.2	W	W	3.0	
March	5.0	NA	664.2	156.7	W	W	W	
April	6.2	NA	555.5	131.2	W	—	W	
May	7.6	—	616.0	112.8	W	W	W	
June	8.4	—	641.3	124.9	W	W	W	
July	11.2	—	633.0	108.8	W	W	W	
August	7.8	—	816.7	113.5	W	—	W	
September	8.0	—	661.8	114.3	W	—	W	
October	7.1	—	610.0	155.5	W	W	W	
November	5.7	—	622.8	120.5	—	W	W	
December	4.5	—	767.0	168.8	W	—	W	
1998 Average	6.9	NA	655.9	147.5	W	W	3.2	
Wyoming								
January	1.1	—	9.6	349.9	W	—	W	
February	2.7	—	10.3	301.8	W	W	W	
March	W	—	10.2	307.7	W	W	W	
April	1.9	—	10.6	249.5	W	W	W	
May	W	—	14.8	209.1	W	W	30.5	
June	W	—	12.7	229.7	W	W	W	
July	W	—	15.8	233.3	W	W	W	
August	W	—	13.8	237.4	W	W	W	
September	W	—	14.9	262.6	W	W	W	
October	W	—	11.8	292.6	W	W	W	
November	W	—	8.4	299.3	W	W	W	
December	1.9	—	9.8	381.1	W	W	W	
1998 Average	2.5	—	11.9	279.5	W	W	W	

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline	Naphtha- Type Jet Fuel	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Less Than or Equal to 1 Percent	Sulfur Greater Than 1 Percent	Total Residual Fuel Oil
PAD District V							
January	121.2	W	17,419.9	3,421.9	1,527.7	4,096.7	5,624.5
February	137.7	20.8	17,753.1	3,039.8	1,240.8	4,997.2	6,238.0
March	185.0	15.6	17,906.8	3,046.6	1,462.2	4,999.5	6,461.7
April	195.2	14.0	18,475.9	2,817.4	1,699.2	4,367.6	6,066.8
May	255.8	12.7	19,152.5	2,316.9	1,720.1	3,622.6	5,342.7
June	284.6	18.6	19,860.2	2,307.5	1,142.1	4,091.8	5,233.9
July	306.2	18.9	19,307.6	2,071.8	2,250.3	3,578.6	5,828.9
August	244.8	14.0	19,565.5	2,048.7	1,182.0	3,798.8	4,980.9
September	267.0	10.5	18,710.0	2,375.6	1,654.0	3,817.7	5,471.8
October	230.0	17.4	19,188.9	2,692.7	1,626.5	3,980.8	5,607.3
November	155.0	13.5	16,938.5	3,104.7	1,573.6	3,775.5	5,349.1
December	131.6	8.8	18,776.8	3,947.7	1,430.5	3,953.6	5,384.1
1998 Average	209.9	14.9	18,595.9	2,765.0	1,545.2	4,083.4	5,628.6
Alaska							
January	W	W	1,807.4	W	—	—	—
February	W	W	1,820.4	W	—	—	—
March	32.5	W	1,925.5	W	—	—	—
April	37.1	W	2,186.4	W	—	—	—
May	100.8	W	2,183.4	W	—	W	W
June	66.8	W	2,597.9	W	—	—	—
July	114.3	W	2,733.7	W	—	—	—
August	64.6	W	2,523.5	W	—	—	—
September	97.5	W	2,478.2	W	—	—	—
October	69.1	W	2,432.4	W	—	—	—
November	32.9	W	2,404.3	W	—	W	W
December	27.6	W	2,301.5	W	—	W	W
1998 Average	57.6	W	2,285.2	W	—	W	W
Arizona							
January	14.1	—	899.3	237.2	W	—	W
February	16.4	—	798.7	286.0	W	—	W
March	17.0	—	784.7	290.5	W	W	W
April	14.2	—	910.3	306.0	W	—	W
May	17.5	—	1,003.0	327.2	W	—	W
June	17.5	—	958.4	334.2	W	—	W
July	15.7	—	837.9	264.4	W	—	W
August	16.7	—	921.4	156.5	W	—	W
September	16.1	—	725.2	197.9	W	—	W
October	18.6	—	899.0	165.7	W	—	W
November	17.5	—	899.6	238.3	W	—	W
December	13.3	—	1,057.5	307.9	W	—	W
1998 Average	16.2	—	892.2	259.0	W	W	3.7
California							
January	63.6	W	10,406.1	2,031.6	465.6	1,369.1	1,834.7
February	62.1	W	10,093.6	1,776.9	432.6	2,554.1	2,986.7
March	87.7	W	10,703.9	1,726.1	394.4	2,866.5	3,260.8
April	83.3	W	10,952.0	1,624.2	436.8	1,895.2	2,332.0
May	83.7	W	11,347.9	1,319.7	633.3	1,577.9	2,211.2
June	144.0	W	11,337.0	1,316.5	358.2	2,178.8	2,537.0
July	112.0	W	11,021.6	1,161.1	606.9	1,693.2	2,300.1
August	96.2	W	11,344.5	1,214.3	395.9	1,614.9	2,010.8
September	91.5	W	11,394.9	1,401.0	W	W	2,073.9
October	85.2	W	11,098.2	1,622.5	436.0	1,683.5	2,119.5
November	67.0	W	9,673.1	1,851.2	397.0	1,633.0	2,030.0
December	56.1	W	10,708.1	2,428.6	371.6	1,603.0	1,974.6
1998 Average	86.1	W	10,846.2	1,622.3	462.9	1,838.2	2,301.0

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	
Hawaii								
January	W	—	1,063.7	W	W	W	1,275.0	
February	W	—	1,028.5	W	W	W	1,010.0	
March	W	—	1,049.2	W	W	W	W	
April	W	—	974.6	W	W	W	W	
May	W	—	933.3	W	W	W	W	
June	W	—	1,040.5	W	W	W	W	
July	W	—	1,073.6	W	W	W	W	
August	W	—	1,087.5	W	W	W	W	
September	W	—	917.8	W	W	W	W	
October	W	—	1,100.8	W	W	W	W	
November	W	—	1,032.0	W	W	W	W	
December	W	—	1,031.8	W	W	W	W	
1998 Average	W	—	1,028.2	W	1,050.2	230.1	1,280.3	
Nevada								
January	8.3	—	719.0	256.8	W	—	W	
February	8.0	—	711.1	231.3	W	—	W	
March	W	—	817.3	233.9	W	—	W	
April	W	—	585.6	178.6	W	—	W	
May	W	—	639.1	110.0	W	—	W	
June	12.0	—	609.4	98.9	W	—	W	
July	W	—	764.9	94.4	W	—	W	
August	W	—	663.1	89.1	W	W	W	
September	13.0	—	741.4	114.7	W	—	W	
October	12.3	—	664.0	144.7	W	—	W	
November	11.0	—	631.8	202.6	W	—	W	
December	W	—	742.3	251.3	W	—	W	
1998 Average	W	—	691.1	166.9	W	W	W	
Oregon								
January	W	—	510.0	167.1	W	W	482.0	
February	W	—	589.9	158.1	W	W	429.5	
March	11.1	—	574.6	154.4	W	W	398.1	
April	11.7	—	538.3	147.9	—	295.4	295.4	
May	11.3	—	603.6	112.8	W	W	343.6	
June	W	—	656.4	118.6	W	W	W	
July	22.1	—	642.9	99.5	—	W	W	
August	14.5	—	692.3	108.3	W	W	332.9	
September	NA	—	597.5	125.2	—	455.6	455.6	
October	W	—	609.3	130.7	W	W	442.2	
November	W	—	598.1	150.6	W	W	295.2	
December	8.0	—	623.7	190.4	—	W	W	
1998 Average	11.9	—	603.2	138.5	W	W	358.0	
Washington								
January	6.5	—	2,014.4	625.0	W	W	2,021.8	
February	11.9	—	2,711.0	482.9	W	W	1,802.4	
March	23.2	—	2,051.6	544.0	W	W	1,542.3	
April	35.6	—	2,328.8	499.1	W	W	1,990.6	
May	29.8	—	2,442.3	364.1	—	1,516.7	1,516.7	
June	23.2	—	2,660.7	324.9	W	W	1,357.5	
July	27.8	—	2,233.0	353.4	W	W	1,462.5	
August	36.9	—	2,333.3	360.2	W	W	1,671.1	
September	W	—	1,855.0	415.8	—	1,693.9	1,693.9	
October	NA	—	2,385.3	523.5	NA	1,656.7	1,661.0	
November	NA	—	1,699.6	566.4	—	1,640.4	1,640.4	
December	14.5	—	2,311.9	643.2	—	1,786.8	1,786.8	
1998 Average	24.1	—	2,249.7	475.4	6.7	1,671.3	1,678.0	

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: 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										
January	5,048.9	3,882.7	43,253.5	78,544.5	20,983.0	99,527.5	142,781.0	1,215.1	152,927.6	
February	4,331.5	2,419.0	42,453.9	81,957.0	20,781.0	102,737.9	145,191.8	1,145.6	153,087.9	
March	3,374.8	1,616.3	38,313.8	87,940.5	21,866.1	109,806.6	148,120.5	1,062.2	154,173.8	
April	1,699.2	728.2	28,122.4	90,081.2	20,288.6	110,369.8	138,492.2	639.3	141,558.9	
May	1,294.6	643.7	22,565.9	88,582.4	20,702.3	109,284.6	131,850.5	482.9	134,271.8	
June	1,675.6	579.4	23,580.9	96,532.1	21,436.8	117,968.9	141,549.8	385.0	144,189.9	
July	1,577.3	605.1	22,198.4	92,096.8	21,709.0	113,805.8	136,004.2	656.0	138,842.6	
August	1,661.6	837.5	21,111.8	92,556.5	20,547.1	113,103.6	134,215.4	501.3	137,215.7	
September	1,869.9	1,204.3	22,821.0	95,400.1	21,381.0	116,781.1	139,602.1	495.2	143,171.5	
October	2,179.3	1,825.4	26,745.2	98,616.5	21,904.0	120,520.6	147,265.8	492.0	151,762.5	
November	3,230.7	3,231.8	30,257.7	91,110.1	19,854.1	110,964.3	141,221.9	815.6	148,500.0	
December	3,872.6	4,684.1	35,790.4	88,601.0	20,217.6	108,818.6	144,609.0	1,089.2	154,255.0	
1998 Average	2,643.4	1,854.8	29,702.8	90,201.6	20,976.7	111,178.3	140,881.1	746.8	146,126.0	
PAD District I										
January	3,294.6	206.5	32,764.3	22,194.0	5,557.5	27,751.5	60,515.8	1,077.6	65,094.5	
February	2,626.2	258.5	32,953.4	23,106.6	5,186.9	28,293.5	61,246.9	1,010.9	65,142.4	
March	1,976.0	221.3	28,516.5	24,983.8	5,257.5	30,241.3	58,757.8	938.6	61,893.6	
April	689.1	169.0	18,820.3	25,340.1	4,340.0	29,680.1	48,500.4	522.7	49,881.2	
May	395.1	165.2	13,902.5	24,358.5	4,088.5	28,447.0	42,349.6	354.2	43,264.1	
June	648.3	170.4	13,905.8	26,696.7	4,771.4	31,468.1	45,373.9	257.7	46,450.3	
July	587.2	192.6	13,109.8	25,681.9	4,486.7	30,168.5	43,278.3	518.7	44,576.8	
August	693.0	197.5	12,041.5	25,470.7	4,069.1	29,539.8	41,581.3	400.8	42,872.6	
September	922.3	215.6	13,665.8	25,797.6	4,276.6	30,074.2	43,740.0	383.1	45,261.1	
October	1,252.8	255.7	17,499.4	26,880.7	4,388.2	31,268.9	48,768.2	387.1	50,663.8	
November	1,598.3	325.4	21,732.5	26,479.9	4,272.4	30,752.3	52,484.7	703.0	55,111.5	
December	2,180.1	460.3	27,166.8	25,658.5	4,509.5	30,168.0	57,334.8	930.5	60,905.6	
1998 Average	1,400.1	236.5	20,442.3	25,228.7	4,597.6	29,826.3	50,268.6	622.3	52,527.4	
Subdistrict IA										
January	594.5	14.5	10,720.2	2,131.5	1,088.8	3,220.3	13,940.4	361.4	14,910.8	
February	442.6	18.9	11,344.4	2,332.8	938.6	3,271.4	14,615.8	281.1	15,358.3	
March	355.2	11.0	9,371.5	2,260.4	931.3	3,191.7	12,563.3	228.6	13,158.2	
April	148.7	1.5	5,446.4	2,348.5	756.6	3,105.0	8,551.5	165.7	8,867.3	
May	70.8	W	3,242.5	2,342.7	627.0	2,969.6	6,212.1	W	6,370.3	
June	125.7	1.9	3,002.6	2,504.8	612.8	3,117.6	6,120.2	65.9	6,313.7	
July	88.9	2.5	2,358.4	2,412.1	411.2	2,823.3	5,181.7	72.8	5,345.8	
August	89.5	W	2,533.0	2,410.6	409.3	2,819.9	5,352.9	W	5,510.4	
September	210.9	1.6	3,380.9	2,498.0	500.6	2,998.6	6,379.5	89.1	6,681.1	
October	249.9	4.2	4,658.4	2,544.9	380.6	2,925.5	7,583.9	132.7	7,970.7	
November	280.2	6.7	6,153.0	2,492.8	603.0	3,095.9	9,248.8	180.7	9,716.4	
December	437.0	10.2	8,275.9	2,437.3	NA	2,987.6	11,263.5	302.2	12,013.0	
1998 Average	257.0	6.3	5,844.1	2,392.8	648.8	3,041.6	8,885.7	168.9	9,317.9	
Connecticut										
January	90.1	5.2	2,528.0	W	W	726.1	3,254.1	43.5	3,393.0	
February	74.6	7.1	2,827.8	W	W	719.7	3,547.5	58.3	3,687.6	
March	76.9	5.1	2,193.5	W	W	763.1	2,956.5	62.0	3,100.5	
April	50.8	W	1,279.9	W	W	724.1	2,004.0	W	2,100.3	
May	22.6	W	742.0	W	W	684.3	1,426.3	W	1,477.0	
June	81.0	W	662.4	W	W	764.1	1,426.5	W	1,539.0	
July	29.1	—	512.9	W	W	717.9	1,230.8	25.0	1,284.9	
August	25.0	W	569.1	W	W	661.1	1,230.2	W	1,273.1	
September	W	W	720.6	W	W	685.0	1,405.6	21.7	1,498.6	
October	63.6	1.5	987.9	W	W	699.8	1,687.7	26.8	1,779.6	
November	43.4	1.6	1,400.4	W	W	787.9	2,188.3	37.5	2,270.8	
December	90.1	W	2,000.2	W	W	738.8	2,739.0	W	2,886.8	
1998 Average	59.7	2.2	1,360.6	W	W	722.5	2,083.1	37.3	2,182.4	

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate					No. 4 Fuel ^a	Total Distillate and Kerosene	
			No. 2 Fuel Oil	No. 2 Diesel Fuel			No. 2 Distillate			
				Low-Sulfur	High-Sulfur	Total				
Maine										
January	W	W	1,861.7	399.3	14.1	413.4	2,275.1	28.9	2,519.3	
February	146.5	W	1,788.4	444.3	17.2	461.5	2,249.9	W	2,442.6	
March	131.6	W	1,519.2	429.2	20.3	449.5	1,968.7	W	2,118.8	
April	35.3	W	799.2	389.3	35.0	424.3	1,223.5	W	1,273.2	
May	15.3	—	596.0	414.8	34.1	448.9	1,044.9	7.6	1,067.9	
June	14.5	W	651.7	460.9	34.7	495.6	1,147.4	W	1,168.3	
July	10.6	W	465.8	426.6	20.7	447.3	913.1	W	929.5	
August	24.4	W	517.8	457.5	29.9	487.3	1,005.2	W	1,037.7	
September	59.8	W	680.5	479.9	41.5	521.3	1,201.8	W	1,265.8	
October	86.7	W	766.3	488.3	24.9	513.2	1,279.5	W	1,374.9	
November	108.7	W	1,025.7	444.9	29.3	474.2	1,499.9	W	1,623.4	
December	155.2	W	1,468.8	462.1	26.3	488.4	1,957.3	W	2,128.2	
1998 Average	83.4	W	1,007.8	441.4	27.3	468.7	1,476.5	W	1,574.7	
Massachusetts										
January	85.4	3.6	3,350.8	714.6	716.7	1,431.3	4,782.1	227.2	5,098.3	
February	75.8	3.3	3,980.5	859.5	591.2	1,450.7	5,431.2	124.8	5,635.0	
March	46.5	2.5	3,320.3	725.7	601.5	1,327.2	4,647.5	100.0	4,796.4	
April	W	W	1,953.9	788.2	489.8	1,277.9	3,231.8	78.8	3,325.8	
May	W	W	1,107.5	811.3	391.6	1,202.8	2,310.3	26.1	2,345.0	
June	6.4	W	1,030.2	843.8	338.1	1,181.9	2,212.1	W	2,235.6	
July	W	W	840.3	764.8	183.6	948.4	1,788.7	31.9	1,849.1	
August	W	W	820.6	799.8	198.4	998.2	1,818.8	29.7	1,872.5	
September	W	W	1,080.6	818.1	263.3	1,081.4	2,162.0	43.5	2,234.6	
October	W	W	1,626.0	826.2	175.0	1,001.2	2,627.1	65.6	2,723.9	
November	39.6	2.6	2,044.7	838.9	314.6	1,153.5	3,198.1	92.7	3,333.0	
December	52.9	1.5	2,531.7	749.3	NA	1,041.0	3,572.7	181.9	3,809.0	
1998 Average	36.2	1.7	1,962.3	794.2	378.2	1,172.4	3,134.7	84.8	3,257.5	
New Hampshire										
January	124.1	W	1,372.1	W	W	299.4	1,671.4	W	1,821.2	
February	107.7	W	1,239.8	253.2	23.2	276.4	1,516.2	W	1,648.7	
March	76.5	W	949.2	259.8	25.5	285.4	1,234.5	W	1,334.5	
April	W	—	622.7	292.5	9.3	301.8	924.5	W	971.9	
May	18.9	—	353.4	270.3	14.7	284.9	638.3	14.8	672.1	
June	W	—	294.1	292.0	5.5	297.5	591.6	W	612.5	
July	W	—	250.8	304.3	10.9	315.2	566.0	W	586.2	
August	15.4	—	314.5	279.6	6.1	285.7	600.3	5.3	620.9	
September	38.9	W	422.6	286.0	7.9	294.0	716.5	W	766.9	
October	51.2	—	571.2	295.3	5.5	300.7	871.9	17.4	940.5	
November	65.8	W	731.4	301.4	9.8	311.3	1,042.7	W	1,124.1	
December	110.7	W	1,018.5	339.8	11.5	351.3	1,369.7	W	1,502.6	
1998 Average	56.0	0.3	675.5	286.1	14.4	300.5	976.0	14.9	1,047.2	
Rhode Island										
January	W	W	1,282.2	W	W	264.0	1,546.2	22.0	1,584.9	
February	W	W	1,225.7	W	W	280.5	1,506.2	W	1,542.6	
March	W	W	1,130.5	W	W	282.0	1,412.4	14.2	1,439.8	
April	W	W	661.0	W	W	292.0	953.0	8.8	969.4	
May	W	W	377.5	233.0	30.7	263.7	641.3	5.1	652.2	
June	W	W	300.5	253.6	36.3	289.9	590.4	W	600.4	
July	W	W	238.5	255.3	44.4	299.6	538.1	2.8	546.2	
August	W	—	250.6	W	W	292.3	542.9	W	546.8	
September	W	W	383.0	W	W	316.0	698.9	W	710.8	
October	W	W	561.7	262.3	39.0	301.4	863.1	8.2	877.1	
November	W	W	736.6	W	W	277.3	1,014.0	11.3	1,033.9	
December	W	W	964.2	241.8	NA	282.8	1,246.9	18.3	1,277.8	
1998 Average	W	W	673.2	244.3	42.5	286.8	959.9	9.8	978.9	

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate				No. 4 Fuel ^a	Total Distillate and Kerosene	
			No. 2 Fuel Oil	No. 2 Diesel Fuel					No. 2 Distillate
				Low-Sulfur	High-Sulfur	Total			
Vermont									
January	67.0	W	325.4	81.1	5.0	86.1	411.5	W	494.1
February	W	W	282.1	78.1	4.6	82.7	364.8	12.4	401.8
March	W	W	259.0	78.6	6.0	84.6	343.6	11.9	368.2
April	5.5	—	129.7	73.4	11.5	84.9	214.6	6.5	226.7
May	1.5	—	66.1	W	W	84.9	151.0	3.6	156.1
June	W	W	63.7	W	W	88.6	152.3	2.9	157.9
July	0.5	W	50.1	W	W	94.8	144.9	W	149.9
August	1.4	—	60.3	84.2	11.1	95.3	155.6	2.4	159.4
September	4.9	W	93.6	88.5	12.4	101.0	194.6	W	204.3
October	12.8	W	145.3	W	W	109.2	254.5	W	274.7
November	W	W	214.1	82.5	9.2	91.7	305.9	9.9	331.2
December	W	W	292.6	W	W	85.4	378.0	12.7	408.5
1998 Average	W	W	164.6	W	W	90.8	255.5	W	277.2
Subdistrict IB									
January	1,451.5	181.5	17,686.2	7,354.0	934.5	8,288.5	25,974.7	695.6	28,303.3
February	1,099.2	231.3	17,206.7	7,485.6	938.9	8,424.4	25,631.1	705.5	27,667.1
March	852.8	208.1	15,173.9	8,553.8	863.5	9,417.4	24,591.3	682.5	26,334.7
April	392.2	166.7	9,692.9	8,599.1	585.9	9,185.0	18,877.9	338.8	19,775.6
May	234.7	161.7	7,342.1	8,369.3	553.1	8,922.4	16,264.5	249.4	16,910.3
June	412.7	167.2	7,037.1	9,176.9	681.2	9,858.1	16,895.2	177.3	17,652.4
July	364.2	177.5	7,398.9	9,228.9	607.2	9,836.2	17,235.1	434.8	18,211.6
August	425.6	172.5	6,239.4	8,752.9	524.4	9,277.3	15,516.6	321.2	16,435.9
September	404.1	170.7	7,015.2	9,093.0	661.7	9,754.7	16,769.9	281.1	17,625.8
October	565.9	179.5	9,092.9	9,296.8	679.5	9,976.4	19,069.2	242.7	20,057.3
November	774.9	221.6	12,079.8	9,180.8	672.2	9,853.0	21,932.8	504.8	23,434.1
December	956.3	277.0	15,103.1	8,868.0	757.4	9,625.4	24,728.5	614.3	26,576.1
1998 Average	659.4	192.8	10,892.2	8,669.1	703.6	9,372.7	20,265.0	436.4	21,553.5
Delaware									
January	26.5	W	274.6	W	W	186.9	461.5	W	488.5
February	24.9	W	249.2	W	W	229.4	478.5	W	503.9
March	W	—	200.1	W	W	215.8	415.9	W	434.2
April	W	—	110.7	236.7	W	W	W	W	364.8
May	2.3	—	141.6	244.8	9.4	254.2	395.8	—	398.1
June	W	—	159.3	260.5	W	W	W	W	431.4
July	W	—	166.6	236.5	9.7	246.3	412.9	W	414.6
August	W	—	177.8	232.2	W	W	W	W	422.0
September	W	—	159.9	270.0	8.0	277.9	437.8	W	442.9
October	W	—	216.6	258.9	8.6	267.5	484.2	W	495.3
November	W	—	229.0	246.4	6.0	252.3	481.3	W	497.0
December	W	—	206.9	234.9	W	W	W	W	473.6
1998 Average	11.9	W	190.8	W	W	243.9	434.7	W	446.9
District of Columbia									
January	W	—	207.6	W	W	27.0	234.6	W	261.8
February	W	—	143.8	W	W	18.8	162.6	W	168.0
March	W	—	109.7	W	W	25.6	135.4	W	140.6
April	—	—	47.1	20.3	W	W	W	W	71.6
May	—	—	22.3	22.3	W	W	W	W	102.0
June	—	—	21.5	27.6	W	W	W	W	52.7
July	—	—	19.0	26.8	W	W	W	W	329.4
August	—	—	16.6	26.1	W	W	W	W	205.5
September	—	—	18.2	26.6	W	W	W	W	104.3
October	—	—	41.8	24.8	W	W	W	W	70.7
November	—	—	77.2	19.0	W	W	W	W	100.8
December	—	—	95.1	15.8	W	W	W	W	117.2
1998 Average	W	—	68.0	W	W	24.3	92.3	W	144.2

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				
Maryland										
January	149.7	W	1,274.0	801.1	168.6	969.7	2,243.7	W	2,411.1	
February	W	3.4	973.8	826.5	128.4	954.9	1,928.8	W	2,054.1	
March	85.1	W	844.1	910.8	188.8	1,099.7	1,943.8	W	2,038.5	
April	19.2	W	465.5	940.0	75.9	1,015.9	1,481.4	W	1,505.1	
May	10.4	W	352.8	907.4	52.5	959.9	1,312.7	W	1,326.6	
June	35.2	W	609.6	941.1	62.3	1,003.4	1,612.9	W	1,651.3	
July	W	W	332.2	832.2	62.7	895.0	1,227.2	W	1,241.1	
August	13.8	W	374.0	849.3	65.3	914.6	1,288.6	W	1,307.7	
September	28.8	W	382.2	914.6	48.6	963.2	1,345.3	W	1,377.7	
October	46.9	W	426.9	838.3	68.3	906.6	1,333.5	W	1,382.8	
November	76.3	W	711.6	813.4	95.4	908.8	1,620.4	W	1,705.3	
December	W	W	1,016.1	853.4	124.0	977.3	1,993.4	W	2,087.2	
1998 Average	W	1.8	645.4	869.0	95.1	964.0	1,609.4	W	1,672.2	
New Jersey										
January	262.8	44.1	5,416.4	1,852.2	485.3	2,337.5	7,753.9	74.6	8,135.5	
February	177.6	46.0	5,377.8	2,116.1	551.5	2,667.6	8,045.4	87.0	8,355.9	
March	131.1	40.9	4,456.5	2,390.3	423.1	2,813.4	7,269.9	103.6	7,545.5	
April	143.9	W	2,802.0	2,375.0	250.3	2,625.3	5,427.3	W	5,646.4	
May	80.4	W	2,067.5	2,146.3	244.4	2,390.7	4,458.2	W	4,608.3	
June	250.7	W	1,749.0	2,424.5	335.0	2,759.5	4,508.5	W	4,825.8	
July	88.7	W	2,334.8	2,436.6	240.4	2,677.0	5,011.8	W	5,170.6	
August	178.2	W	1,554.0	2,238.5	173.7	2,412.2	3,966.3	W	4,220.3	
September	W	W	2,010.3	2,332.9	285.4	2,618.3	4,628.6	76.8	4,842.7	
October	W	W	2,926.5	2,422.8	315.0	2,737.8	5,664.4	37.5	5,903.8	
November	W	W	3,847.5	2,531.5	299.7	2,831.2	6,678.7	81.7	6,968.3	
December	182.9	44.9	4,033.2	2,441.2	408.4	2,849.6	6,882.8	91.5	7,202.2	
1998 Average	160.2	W	3,203.6	2,309.4	333.0	2,642.4	5,846.0	W	6,106.4	
New York										
January	541.8	109.8	6,066.6	1,622.5	81.0	1,703.4	7,770.0	597.6	9,019.3	
February	W	W	6,213.3	1,552.0	59.8	1,611.8	7,825.0	594.9	9,033.9	
March	W	W	5,688.0	1,686.4	114.6	1,801.1	7,489.1	547.9	8,535.4	
April	W	W	3,552.2	1,824.4	117.2	1,941.6	5,493.8	291.5	6,045.7	
May	80.3	W	2,111.3	1,828.7	W	W	W	155.5	4,445.9	
June	W	W	1,907.9	1,918.8	135.3	2,054.1	3,962.0	136.4	4,305.8	
July	203.0	W	1,856.4	1,841.3	W	W	W	109.2	4,340.7	
August	W	W	1,751.1	1,801.0	190.7	1,991.7	3,742.8	115.1	4,165.2	
September	175.5	W	2,047.7	2,038.7	W	W	W	139.3	4,725.7	
October	220.1	W	2,533.5	2,102.0	W	W	W	196.2	5,366.7	
November	283.0	W	3,983.6	1,823.6	W	W	W	406.7	6,808.4	
December	355.2	181.2	5,439.5	1,823.3	115.6	1,938.9	7,378.5	510.0	8,424.8	
1998 Average	W	W	3,582.3	1,823.2	142.3	1,965.6	5,547.9	315.2	6,254.1	
Pennsylvania										
January	W	21.4	4,446.9	2,870.1	193.9	3,064.0	7,510.9	W	7,987.0	
February	332.4	W	4,248.9	2,748.5	193.5	2,942.0	7,190.9	W	7,551.3	
March	278.3	W	3,875.4	3,331.7	130.0	3,461.8	7,337.2	W	7,640.5	
April	87.9	W	2,715.3	3,202.7	130.6	3,333.4	6,048.7	W	6,142.2	
May	61.3	W	2,646.6	3,219.8	97.9	3,317.7	5,964.4	W	6,029.4	
June	42.6	W	2,589.9	3,604.3	138.5	3,742.8	6,332.7	W	6,385.3	
July	61.0	W	2,689.9	3,855.5	94.9	3,950.4	6,640.3	W	6,715.2	
August	52.2	W	2,365.9	3,605.8	85.2	3,691.0	6,056.9	W	6,115.1	
September	97.6	W	2,396.9	3,510.2	122.5	3,632.8	6,029.6	W	6,132.6	
October	125.6	W	2,947.6	3,650.0	101.5	3,751.5	6,699.0	W	6,838.0	
November	230.9	W	3,230.9	3,746.8	110.5	3,857.3	7,088.2	W	7,354.2	
December	309.7	W	4,312.3	3,499.4	102.6	3,602.0	7,914.3	W	8,271.1	
1998 Average	176.8	W	3,202.1	3,407.9	124.6	3,532.5	6,734.6	W	6,929.7	

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										
January	1,248.6	10.5	4,357.9	12,708.5	3,534.2	16,242.8	20,600.7	20.6	21,880.4	
February	1,084.4	8.4	4,402.3	13,288.3	3,309.4	16,597.7	21,000.0	24.3	22,117.0	
March	768.0	2.1	3,971.1	14,169.5	3,462.6	17,632.2	21,603.2	27.5	22,400.8	
April	148.2	0.8	3,681.0	14,392.5	2,997.5	17,390.0	21,071.0	18.2	21,238.2	
May	89.6	W	3,318.0	13,646.5	2,908.5	16,555.0	19,873.0	W	19,983.5	
June	110.0	1.4	3,866.1	15,015.0	3,477.4	18,492.4	22,358.5	14.5	22,484.3	
July	134.2	12.6	3,352.4	14,040.9	3,468.2	17,509.1	20,861.5	11.1	21,019.4	
August	177.9	W	3,269.2	14,307.3	3,135.4	17,442.7	20,711.8	W	20,926.4	
September	307.4	43.3	3,269.7	14,206.6	3,114.3	17,320.9	20,590.6	12.9	20,954.2	
October	437.0	72.0	3,748.1	15,038.9	3,328.1	18,367.0	22,115.1	11.7	22,635.8	
November	543.2	97.1	3,499.7	14,806.2	2,997.2	17,803.4	21,303.1	17.6	21,961.0	
December	786.7	173.1	3,787.8	14,353.3	3,201.7	17,555.0	21,342.8	14.0	22,316.6	
1998 Average	483.6	37.5	3,706.0	14,166.8	3,245.1	17,411.9	21,117.9	17.0	21,656.1	
Florida										
January	W	—	621.5	3,601.5	1,362.5	4,964.0	5,585.5	W	5,648.9	
February	W	—	688.6	3,759.4	1,154.9	4,914.4	5,603.0	W	5,670.4	
March	W	—	632.6	3,821.5	1,217.0	5,038.6	5,671.2	W	5,726.8	
April	W	—	765.0	3,989.3	1,199.0	5,188.3	5,953.2	W	5,974.9	
May	W	—	657.7	3,771.9	1,268.1	5,040.0	5,697.7	W	5,722.2	
June	W	—	734.8	4,207.0	1,497.4	5,704.4	6,439.2	W	6,454.9	
July	W	—	586.3	3,897.9	1,460.2	5,358.1	5,944.4	W	5,966.4	
August	W	—	689.9	3,943.6	1,399.6	5,343.2	6,033.1	W	6,052.8	
September	W	—	615.9	3,800.2	1,197.5	4,997.7	5,613.6	W	5,663.8	
October	W	—	705.8	4,076.3	1,303.7	5,380.1	6,085.8	W	6,135.8	
November	W	—	697.2	3,941.9	1,241.9	5,183.8	5,881.0	W	5,921.9	
December	35.9	W	664.4	4,008.6	1,208.8	5,217.4	5,881.8	W	5,925.6	
1998 Average	32.6	W	671.1	3,901.9	1,293.8	5,195.6	5,866.8	W	5,906.2	
Georgia										
January	84.0	W	443.1	3,095.7	470.7	3,566.4	4,009.5	W	4,096.4	
February	W	W	502.5	3,372.3	497.0	3,869.4	4,371.8	—	4,453.1	
March	W	W	507.3	3,590.6	594.7	4,185.4	4,692.7	—	4,747.3	
April	6.7	—	529.4	3,618.4	568.0	4,186.3	4,715.7	—	4,722.4	
May	5.5	—	470.7	3,563.5	589.3	4,152.8	4,623.5	—	4,629.1	
June	W	W	585.4	3,869.0	804.6	4,673.6	5,259.0	—	5,264.4	
July	W	W	448.1	3,651.6	966.9	4,618.5	5,066.6	—	5,073.7	
August	9.8	W	408.1	3,617.9	620.2	4,238.1	4,646.1	W	4,658.1	
September	W	W	396.9	3,660.2	680.1	4,340.4	4,737.2	—	4,758.0	
October	W	W	540.9	3,835.3	658.9	4,494.2	5,035.0	—	5,065.5	
November	W	W	353.4	3,657.9	542.4	4,200.2	4,553.6	—	4,589.7	
December	56.4	3.0	404.7	3,594.2	573.8	4,168.0	4,572.7	—	4,632.0	
1998 Average	32.7	W	465.6	3,594.5	631.4	4,226.0	4,691.5	W	4,725.2	
North Carolina										
January	467.8	W	886.9	2,109.6	787.5	2,897.1	3,784.0	W	4,255.6	
February	370.4	W	894.6	2,201.4	667.2	2,868.6	3,763.2	W	4,139.2	
March	266.2	W	856.6	2,467.9	694.8	3,162.7	4,019.3	W	4,289.6	
April	W	—	636.1	2,419.0	463.6	2,882.6	3,518.7	W	3,565.7	
May	25.5	W	683.8	2,194.6	440.4	2,635.1	3,318.9	W	3,348.5	
June	41.6	W	783.5	2,444.8	494.8	2,939.6	3,723.1	W	3,768.6	
July	40.4	W	710.7	2,307.6	449.7	2,757.4	3,468.1	W	3,512.3	
August	55.2	W	647.6	2,411.2	468.9	2,880.0	3,527.6	W	3,590.2	
September	93.3	W	647.1	2,360.2	506.9	2,867.1	3,514.2	W	3,628.9	
October	139.4	W	679.8	2,649.0	646.5	3,295.5	3,975.2	W	4,148.9	
November	184.1	W	644.8	2,761.6	529.6	3,291.1	3,935.9	W	4,173.4	
December	W	72.1	740.2	2,508.8	611.5	3,120.4	3,860.6	W	4,152.7	
1998 Average	161.4	W	733.6	2,403.6	563.3	2,966.9	3,700.5	W	3,880.1	

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				
South Carolina										
January	225.4	W	319.8	1,276.3	209.1	1,485.4	1,805.2	W	2,031.1	
February	214.8	W	366.6	1,284.0	234.6	1,518.6	1,885.3	W	2,101.1	
March	152.0	W	354.0	1,434.5	210.6	1,645.1	1,999.2	W	2,152.2	
April	W	—	354.1	1,417.3	172.5	1,589.9	1,943.9	W	1,967.3	
May	15.4	—	243.8	1,357.1	194.4	1,551.5	1,795.3	—	1,810.7	
June	W	W	397.0	1,467.7	229.1	1,696.8	2,093.8	—	2,113.5	
July	28.1	W	406.1	1,435.9	165.0	1,600.8	2,006.9	W	2,038.1	
August	W	W	284.6	1,469.3	203.4	1,672.7	1,957.3	—	2,003.6	
September	69.7	2.3	355.5	1,479.9	226.5	1,706.4	2,061.9	—	2,133.9	
October	100.0	4.1	360.9	1,483.7	241.7	1,725.5	2,086.4	—	2,190.5	
November	105.7	W	310.4	1,450.7	252.9	1,703.6	2,014.0	W	2,123.3	
December	173.7	W	295.6	1,436.0	204.5	1,640.5	1,936.1	W	2,114.5	
1998 Average	97.1	W	336.9	1,416.7	211.8	1,628.5	1,965.4	W	2,064.5	
Virginia										
January	344.0	W	1,708.5	2,147.4	511.0	2,658.4	4,366.8	W	4,727.0	
February	302.2	W	1,586.8	2,210.9	528.2	2,739.1	4,325.9	W	4,646.4	
March	210.4	W	1,295.1	2,387.3	519.6	2,906.9	4,202.0	W	4,425.4	
April	50.6	W	1,044.4	2,463.3	368.2	2,831.5	3,875.9	W	3,934.2	
May	24.3	W	854.2	2,345.2	335.5	2,680.8	3,534.9	W	3,565.7	
June	28.8	W	998.8	2,533.7	318.0	2,851.7	3,850.6	W	3,884.2	
July	42.3	W	841.1	2,324.7	346.4	2,671.0	3,512.1	W	3,562.0	
August	48.0	W	733.3	2,333.6	328.9	2,662.5	3,395.8	W	3,459.3	
September	72.0	W	840.7	2,363.5	370.3	2,733.8	3,574.4	W	3,670.0	
October	111.0	W	941.8	2,440.5	370.4	2,810.8	3,752.6	W	3,895.1	
November	160.6	W	1,068.4	2,504.4	357.4	2,861.8	3,930.2	W	4,136.2	
December	266.5	W	1,265.9	2,306.7	481.8	2,788.5	4,054.4	W	4,399.8	
1998 Average	137.7	W	1,095.4	2,363.5	402.5	2,766.0	3,861.5	W	4,021.6	
West Virginia										
January	W	W	378.1	478.1	193.4	671.5	1,049.7	—	1,121.3	
February	W	W	363.3	460.1	227.5	687.6	1,050.9	—	1,106.8	
March	39.9	0.7	325.5	467.6	225.8	693.5	1,018.9	—	1,059.6	
April	W	W	352.0	485.3	226.2	711.5	1,063.5	—	1,073.6	
May	W	W	407.8	414.1	80.7	494.8	902.6	—	907.4	
June	5.6	NA	NA	492.8	133.4	626.2	992.8	—	998.7	
July	W	W	NA	423.2	80.1	503.2	863.4	—	866.9	
August	W	W	505.8	531.7	114.4	646.1	1,151.9	—	1,162.5	
September	W	W	413.7	542.5	133.0	675.5	1,089.2	—	1,099.7	
October	W	W	519.0	554.2	106.9	661.1	1,180.1	—	1,200.2	
November	20.8	7.5	425.5	489.8	73.1	562.8	988.3	—	1,016.6	
December	W	W	417.0	499.0	121.4	620.3	1,037.3	—	1,091.9	
1998 Average	22.0	4.2	403.3	486.6	142.3	628.9	1,032.2	—	1,058.5	
PAD District II										
January	1,271.4	2,578.2	8,071.7	25,386.3	4,793.3	30,179.5	38,251.3	13.8	42,114.6	
February	945.8	W	7,416.7	26,676.3	5,299.7	31,976.0	39,392.7	W	41,784.3	
March	773.8	914.3	7,200.0	28,481.7	4,833.8	33,315.5	40,515.5	8.7	42,212.3	
April	268.4	W	7,111.8	29,949.4	5,236.9	35,186.3	42,298.0	W	42,872.0	
May	153.2	W	6,564.5	30,040.5	4,920.8	34,961.3	41,525.8	W	41,897.8	
June	304.7	194.8	7,112.5	32,123.7	4,969.3	37,092.9	44,205.4	11.5	44,716.4	
July	191.5	203.9	6,827.0	29,703.2	4,952.8	34,656.0	41,483.1	4.2	41,882.7	
August	W	333.3	6,729.1	30,405.3	4,923.7	35,329.0	42,058.1	W	42,577.2	
September	W	527.5	6,862.3	33,070.6	5,972.8	39,043.4	45,905.7	W	46,841.7	
October	385.8	W	7,016.2	33,634.5	6,150.1	39,784.6	46,800.9	W	48,158.7	
November	571.3	W	6,403.5	29,385.2	5,056.3	34,441.5	40,845.0	W	43,506.8	
December	866.5	3,022.6	6,552.5	28,728.3	4,991.3	33,719.5	40,272.1	9.9	44,171.1	
1998 Average	523.5	W	6,986.8	29,809.8	5,172.6	34,982.4	41,969.1	W	43,565.8	

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			
Illinois									
January	127.0	332.9	1,193.2	2,345.6	330.2	2,675.8	3,868.9	—	4,328.8
February	45.3	209.8	1,093.5	2,292.8	407.6	2,700.4	3,793.9	—	4,048.9
March	43.5	123.2	1,328.7	2,650.7	340.0	2,990.7	4,319.4	—	4,486.1
April	12.0	82.2	1,197.0	2,568.9	495.0	3,063.9	4,260.9	—	4,355.0
May	20.1	41.6	1,179.4	2,808.6	601.9	3,410.5	4,589.9	—	4,651.5
June	32.4	34.3	1,306.9	2,986.8	524.5	3,511.3	4,818.2	—	4,884.9
July	24.6	21.5	1,278.7	2,891.9	466.1	3,358.0	4,636.7	—	4,682.9
August	15.1	87.3	1,211.0	2,903.6	448.5	3,352.1	4,563.1	—	4,665.5
September	77.1	99.9	1,133.1	3,209.2	626.0	3,835.2	4,968.3	—	5,145.3
October	45.7	118.3	1,224.9	3,351.6	762.1	4,113.7	5,338.6	—	5,502.6
November	36.8	221.3	1,205.3	2,932.6	444.4	3,377.0	4,582.3	—	4,840.4
December	78.6	389.3	998.9	2,926.2	457.7	3,383.9	4,382.8	—	4,850.7
1998 Average	46.6	146.7	1,196.6	2,825.6	492.3	3,318.0	4,514.5	—	4,707.8
Indiana									
January	W	159.5	1,242.5	3,061.8	339.4	3,401.2	4,643.7	W	4,958.9
February	W	100.9	1,003.0	3,209.1	380.9	3,590.0	4,593.1	W	4,778.4
March	86.2	W	973.0	3,335.3	298.3	3,633.6	4,606.6	W	4,733.8
April	13.9	W	998.5	3,153.1	336.6	3,489.7	4,488.2	W	4,511.8
May	11.9	W	671.5	3,095.7	409.5	3,505.3	4,176.8	W	4,194.4
June	20.2	W	699.4	3,143.7	201.6	3,345.3	4,044.7	W	4,070.6
July	W	10.9	564.2	3,045.9	228.9	3,274.8	3,839.0	W	3,860.1
August	25.6	W	670.2	3,188.8	222.7	3,411.5	4,081.7	W	4,122.9
September	W	27.2	624.0	3,460.7	441.1	3,901.8	4,525.7	W	4,569.1
October	W	47.3	623.8	3,442.3	525.0	3,967.3	4,591.2	W	4,672.7
November	W	113.3	581.8	3,300.0	384.0	3,684.0	4,265.7	W	4,450.9
December	W	210.2	602.4	3,221.6	259.7	3,481.4	4,083.7	W	4,413.0
1998 Average	W	61.8	769.8	3,221.2	335.2	3,556.4	4,326.1	W	4,442.5
Iowa									
January	6.7	267.2	249.4	1,506.6	83.4	1,590.0	1,839.4	—	2,113.3
February	2.2	124.6	166.8	1,582.8	84.7	1,667.4	1,834.3	—	1,961.1
March	3.2	78.0	166.5	1,734.0	72.6	1,806.6	1,973.1	—	2,054.3
April	1.7	10.4	243.6	2,111.5	99.7	2,211.2	2,454.8	—	2,466.9
May	W	W	272.5	2,034.5	131.0	2,165.5	2,438.0	—	2,450.6
June	W	W	165.2	1,875.4	131.2	2,006.6	2,171.8	—	2,185.9
July	2.3	11.8	141.4	1,773.5	177.3	1,950.8	2,092.3	—	2,106.4
August	2.3	16.9	140.4	1,692.5	127.9	1,820.4	1,960.7	—	1,980.0
September	4.8	31.1	282.8	2,095.5	140.0	2,235.4	2,518.3	—	2,554.1
October	10.7	81.3	259.5	2,298.9	173.2	2,472.1	2,731.7	—	2,823.7
November	10.8	221.2	222.5	1,807.1	135.3	1,942.5	2,165.0	—	2,397.0
December	11.9	322.9	187.0	1,612.2	108.1	1,720.3	1,907.2	—	2,242.0
1998 Average	5.2	99.1	208.3	1,844.4	122.3	1,966.7	2,175.0	—	2,279.2
Kansas									
January	6.1	187.1	W	1,296.7	W	W	1,574.7	—	1,767.9
February	2.3	118.8	W	1,372.8	W	W	1,707.8	—	1,828.9
March	3.9	63.1	W	1,529.4	W	W	1,834.8	—	1,901.8
April	W	W	W	1,578.8	W	W	1,877.5	—	1,898.9
May	—	9.2	94.5	1,645.4	204.6	1,850.0	1,944.5	—	1,953.7
June	W	W	W	2,098.7	W	W	2,441.0	—	2,450.9
July	W	W	W	1,728.7	W	W	2,162.1	—	2,171.5
August	1.5	12.3	78.4	1,776.8	249.1	2,025.9	2,104.3	—	2,118.1
September	6.2	24.5	86.3	1,886.5	173.6	2,060.1	2,146.4	—	2,177.2
October	2.9	47.6	W	1,822.3	W	W	2,325.1	—	2,375.5
November	4.5	145.0	71.6	1,374.1	217.2	1,591.3	1,663.0	—	1,812.4
December	13.8	228.4	79.5	1,379.5	171.4	1,550.9	1,630.3	—	1,872.5
1998 Average	4.5	71.9	104.3	1,625.0	222.8	1,847.8	1,952.1	—	2,028.5

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				
Kentucky										
January	172.1	W	595.3	1,440.3	612.1	2,052.4	2,647.7	W	2,839.3	
February	151.4	W	554.9	1,464.4	627.4	2,091.8	2,646.7	W	2,817.8	
March	98.5	W	562.3	1,552.1	622.5	2,174.6	2,736.9	W	2,845.9	
April	24.6	W	667.6	1,557.9	560.2	2,118.1	2,785.7	W	2,812.8	
May	5.3	W	703.9	1,605.7	406.0	2,011.6	2,715.6	W	2,722.6	
June	NA	W	NA	1,744.8	484.7	2,229.5	3,088.0	W	3,099.0	
July	5.3	W	NA	1,591.7	411.5	2,003.3	2,782.0	W	2,790.5	
August	11.6	W	684.3	1,706.4	387.8	2,094.3	2,778.5	W	2,796.3	
September	23.6	W	761.2	1,808.4	419.7	2,228.2	2,989.3	W	3,023.3	
October	44.8	W	819.7	1,784.0	357.2	2,141.2	2,960.9	W	3,029.1	
November	60.1	W	758.0	1,733.2	332.7	2,065.8	2,823.8	W	2,916.0	
December	106.7	W	703.4	1,622.2	349.0	1,971.2	2,674.6	W	2,823.2	
1998 Average	59.0	W	704.6	1,634.8	463.1	2,097.9	2,802.5	W	2,875.8	
Michigan										
January	158.2	126.4	700.6	2,106.8	332.6	2,439.4	3,140.0	—	3,424.6	
February	142.9	103.9	645.2	2,079.6	322.7	2,402.3	3,047.5	—	3,294.3	
March	90.7	76.0	690.7	2,131.2	312.9	2,444.2	3,134.8	—	3,301.5	
April	20.9	40.6	659.5	1,892.3	338.9	2,231.3	2,890.7	—	2,952.2	
May	11.6	35.6	474.3	1,817.1	333.8	2,150.9	2,625.1	—	2,672.3	
June	NA	39.6	552.3	2,006.2	384.3	2,390.5	2,942.8	—	2,999.2	
July	6.7	32.5	522.0	1,819.2	325.5	2,144.7	2,666.7	—	2,706.0	
August	6.5	38.7	503.1	2,361.5	324.9	2,686.4	3,189.5	—	3,234.7	
September	31.8	52.4	528.7	2,513.7	371.3	2,885.0	3,413.7	—	3,497.9	
October	24.0	59.3	564.8	2,626.9	366.1	2,993.0	3,557.8	—	3,641.1	
November	73.4	91.4	538.6	2,348.4	335.0	2,683.4	3,222.0	—	3,386.8	
December	90.2	141.0	587.1	2,195.9	361.0	2,556.9	3,144.0	—	3,375.3	
1998 Average	55.7	69.7	580.2	2,158.5	342.4	2,501.0	3,081.1	—	3,206.4	
Minnesota										
January	134.3	507.3	663.3	1,110.5	275.2	1,385.7	2,049.1	10.7	2,701.3	
February	W	244.0	595.1	1,293.7	223.8	1,517.4	2,112.5	W	2,489.1	
March	W	146.9	457.2	1,175.4	257.1	1,432.5	1,889.7	W	2,192.3	
April	W	52.0	483.0	1,612.4	339.6	1,952.0	2,435.0	W	2,593.7	
May	W	36.5	428.6	1,517.0	243.5	1,760.5	2,189.0	W	2,283.9	
June	W	41.6	431.0	1,564.9	236.2	1,801.1	2,232.1	W	2,440.9	
July	W	54.9	467.8	1,560.7	251.5	1,812.3	2,280.0	W	2,432.5	
August	W	63.6	435.7	1,554.1	317.6	1,871.7	2,307.4	W	2,433.1	
September	W	96.7	547.3	1,826.3	359.4	2,185.7	2,733.0	W	2,986.1	
October	W	200.0	623.0	1,889.2	289.6	2,178.7	2,801.8	W	3,063.3	
November	W	375.8	690.6	1,303.2	263.6	1,566.8	2,257.4	W	2,745.6	
December	W	495.3	589.9	1,158.3	273.2	1,431.5	2,021.5	W	2,634.7	
1998 Average	108.9	193.0	533.8	1,464.0	277.7	1,741.7	2,275.5	5.1	2,582.6	
Missouri										
January	25.4	79.9	151.2	2,142.4	195.0	2,337.4	2,488.6	—	2,593.8	
February	9.9	48.5	164.0	2,370.5	219.5	2,590.0	2,754.0	—	2,812.4	
March	10.9	33.2	134.7	2,433.0	196.0	2,629.0	2,763.7	—	2,807.8	
April	1.3	43.2	197.4	2,623.7	201.0	2,824.7	3,022.2	—	3,066.7	
May	W	W	205.8	2,643.6	198.5	2,842.2	3,047.9	—	3,087.2	
June	2.2	10.2	292.1	2,759.2	283.5	3,042.6	3,334.7	—	3,347.1	
July	1.1	8.6	296.2	2,576.8	224.5	2,801.3	3,097.5	—	3,107.2	
August	1.5	8.8	221.9	2,403.1	194.0	2,597.1	2,819.0	—	2,829.4	
September	2.6	11.8	209.9	2,557.2	199.2	2,756.4	2,966.3	—	2,980.7	
October	6.4	26.4	176.6	2,675.5	180.5	2,855.9	3,032.5	—	3,065.3	
November	10.6	54.6	169.9	2,384.2	134.4	2,518.6	2,688.5	—	2,753.7	
December	18.5	106.5	161.5	2,370.2	170.7	2,540.9	2,702.4	—	2,827.5	
1998 Average	7.6	39.2	198.5	2,495.0	199.5	2,694.5	2,893.0	—	2,939.9	

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate					No. 4 Fuel ^a	Total Distillate and Kerosene	
			No. 2 Fuel Oil	No. 2 Diesel Fuel			No. 2 Distillate			
				Low-Sulfur	High-Sulfur	Total				
Nebraska										
January	1.1	129.0	60.3	805.9	647.9	1,453.8	1,514.2	—	1,644.3	
February	0.5	78.1	44.4	769.2	791.7	1,560.9	1,605.3	—	1,683.9	
March	0.7	70.4	50.7	896.5	648.1	1,544.5	1,595.3	—	1,666.4	
April	W	W	209.0	1,207.1	672.8	1,879.9	2,088.9	—	2,099.1	
May	W	W	222.0	1,172.5	598.6	1,771.1	1,993.1	—	2,001.7	
June	W	W	201.9	1,241.8	684.3	1,926.0	2,127.9	—	2,138.8	
July	W	W	240.2	1,266.2	761.7	2,027.9	2,268.1	—	2,280.0	
August	W	W	192.7	1,103.9	735.5	1,839.4	2,032.1	—	2,048.3	
September	W	W	247.3	1,290.9	559.5	1,850.4	2,097.7	—	2,138.2	
October	W	W	175.6	1,260.0	659.9	1,919.9	2,095.6	—	2,171.9	
November	4.6	174.0	134.0	954.4	502.7	1,457.1	1,591.0	—	1,769.6	
December	10.4	270.5	296.7	905.1	405.2	1,310.3	1,607.0	—	1,887.9	
1998 Average	3.1	73.2	173.7	1,074.2	638.1	1,712.3	1,886.0	—	1,962.3	
North Dakota										
January	W	W	282.7	478.2	66.3	544.5	827.2	—	1,005.3	
February	W	W	220.8	494.8	74.4	569.1	789.9	—	844.9	
March	W	W	244.9	535.1	66.2	601.3	846.2	—	905.4	
April	W	W	142.3	669.2	111.2	780.4	922.7	—	927.5	
May	—	2.8	135.0	662.8	118.8	781.6	916.6	—	919.5	
June	—	7.6	134.5	620.0	70.5	690.6	825.1	—	832.7	
July	—	6.2	148.9	619.2	100.5	719.7	868.6	—	874.7	
August	W	W	158.4	682.1	137.2	819.4	977.7	—	987.0	
September	W	W	134.5	698.7	114.7	813.4	947.9	—	976.4	
October	W	W	135.7	662.8	73.5	736.3	872.0	—	944.8	
November	W	W	141.9	417.9	44.2	462.1	604.0	—	785.3	
December	W	W	157.7	401.3	79.1	480.4	638.1	—	811.1	
1998 Average	1.7	63.3	169.7	578.9	88.2	667.1	836.8	—	901.9	
Ohio										
January	270.1	W	1,298.5	3,113.5	678.4	3,791.9	5,090.5	W	5,431.4	
February	189.3	W	1,309.6	3,337.2	744.8	4,082.0	5,391.6	W	5,645.5	
March	154.6	W	1,157.2	3,561.7	781.4	4,343.1	5,500.3	W	5,687.0	
April	43.2	W	988.5	3,576.6	719.9	4,296.4	5,284.9	W	5,336.4	
May	28.3	W	897.5	3,620.5	674.9	4,295.4	5,192.9	W	5,227.8	
June	W	W	914.9	3,849.2	658.0	4,507.2	5,422.1	—	5,467.3	
July	32.5	12.7	967.4	3,656.0	696.6	4,352.6	5,320.0	—	5,365.2	
August	28.2	W	1,273.0	3,455.4	719.2	4,174.5	5,447.5	W	5,498.5	
September	46.0	27.4	1,371.7	3,596.8	836.9	4,433.6	5,805.3	—	5,878.7	
October	76.5	W	1,178.8	3,622.9	908.5	4,531.4	5,710.1	W	5,837.1	
November	88.9	W	1,022.3	3,422.4	828.3	4,250.6	5,272.9	W	5,442.7	
December	124.8	W	1,170.5	3,430.2	790.0	4,220.2	5,390.6	W	5,619.0	
1998 Average	93.3	W	1,128.3	3,520.7	753.0	4,273.7	5,402.0	W	5,535.5	
Oklahoma										
January	11.8	11.1	W	1,736.9	W	W	2,475.7	—	2,498.5	
February	8.8	17.5	516.0	1,888.6	386.5	2,275.2	2,791.1	—	2,817.4	
March	9.7	5.0	323.7	2,138.0	287.9	2,425.9	2,749.6	—	2,764.3	
April	0.3	3.6	378.7	2,201.0	348.6	2,549.6	2,928.2	—	2,932.1	
May	W	W	W	2,116.6	W	W	2,840.1	—	2,842.7	
June	W	W	510.9	2,494.1	264.8	2,758.9	3,269.8	—	3,271.9	
July	W	W	523.9	1,815.5	241.6	2,057.1	2,581.0	—	2,582.8	
August	0.3	1.9	419.5	2,418.3	256.6	2,674.8	3,094.4	—	3,096.6	
September	0.4	1.5	124.6	2,472.9	862.4	3,335.3	3,459.9	—	3,461.8	
October	W	W	113.7	2,526.3	740.1	3,266.4	3,380.1	—	3,385.4	
November	4.3	4.2	122.2	2,357.6	620.8	2,978.4	3,100.6	—	3,109.1	
December	12.3	9.4	155.3	2,465.2	729.8	3,195.0	3,350.3	—	3,372.0	
1998 Average	4.2	5.2	339.0	2,220.2	442.2	2,662.4	3,001.4	—	3,010.8	

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			
South Dakota									
January	W	W	41.0	465.9	14.4	480.3	521.3	—	680.1
February	W	W	W	453.4	W	W	491.7	—	544.4
March	—	59.0	W	538.6	W	W	580.6	—	639.6
April	W	W	W	696.7	W	W	761.9	—	765.5
May	—	1.8	W	682.6	W	W	794.4	—	796.2
June	W	W	W	629.3	W	W	701.8	—	704.8
July	W	W	W	645.0	W	W	739.5	—	743.0
August	1.4	9.4	33.6	580.2	22.9	603.2	636.8	—	647.6
September	W	W	NA	688.1	17.4	705.6	745.1	—	772.8
October	W	W	W	686.7	W	W	745.1	—	816.2
November	1.0	167.4	35.0	501.1	12.3	513.5	548.4	—	716.8
December	W	W	26.2	517.9	17.4	535.2	561.5	—	753.5
1998 Average	0.7	62.2	42.5	591.2	19.5	610.7	653.2	—	716.2
Tennessee									
January	183.7	W	378.0	2,188.7	452.8	2,641.5	3,019.5	W	3,207.6
February	172.9	W	417.8	2,419.4	576.8	2,996.2	3,414.0	W	3,591.2
March	111.1	W	338.2	2,433.4	501.6	2,935.0	3,273.2	W	3,386.7
April	27.4	W	399.9	2,529.1	520.0	3,049.1	3,449.0	W	3,478.5
May	14.0	W	254.1	2,656.9	508.5	3,165.4	3,419.5	W	3,434.3
June	W	—	252.3	2,966.6	545.4	3,512.1	3,764.4	W	3,777.0
July	11.1	W	213.1	2,735.1	550.8	3,285.9	3,498.9	W	3,511.6
August	18.9	W	265.8	2,622.4	551.5	3,173.8	3,439.6	W	3,465.1
September	29.2	W	245.3	2,817.9	599.3	3,417.1	3,662.4	W	3,700.1
October	64.7	W	275.5	2,908.0	595.1	3,503.1	3,778.6	W	3,865.2
November	80.2	W	187.4	2,835.4	573.0	3,408.5	3,595.9	W	3,688.4
December	136.8	W	217.8	2,668.3	528.9	3,197.2	3,415.0	W	3,583.9
1998 Average	71.4	W	286.2	2,648.8	541.5	3,190.3	3,476.5	W	3,556.1
Wisconsin									
January	18.2	350.5	697.9	1,586.3	266.6	1,852.9	2,550.8	—	2,919.5
February	W	195.0	566.1	1,648.0	205.3	1,853.3	2,419.4	W	2,626.0
March	W	121.3	664.5	1,837.2	209.6	2,046.8	2,711.3	W	2,839.5
April	4.9	22.5	440.9	1,971.0	235.4	2,206.4	2,647.4	—	2,674.8
May	W	14.3	475.9	1,961.0	205.5	2,166.4	2,642.4	W	2,659.4
June	5.3	18.5	652.5	2,142.8	225.7	2,368.5	3,021.0	NA	3,045.4
July	W	16.5	468.9	1,977.8	204.1	2,181.8	2,650.7	W	2,668.3
August	W	24.4	441.2	1,956.1	228.4	2,184.5	2,625.8	W	2,654.3
September	5.8	47.9	526.2	2,147.8	252.3	2,400.1	2,926.3	—	2,980.0
October	7.3	77.7	540.7	2,077.4	261.8	2,339.1	2,879.8	—	2,964.8
November	12.2	215.5	522.6	1,713.5	228.4	1,941.9	2,464.4	—	2,692.1
December	14.0	327.7	618.8	1,854.2	290.1	2,144.3	2,763.1	—	3,104.8
1998 Average	W	119.2	551.4	1,907.2	234.6	2,141.9	2,693.3	W	2,820.3
PAD District III									
January	321.7	28.6	1,892.4	13,452.3	6,106.1	19,558.4	21,450.8	—	21,801.2
February	673.8	W	1,730.5	14,306.6	6,474.9	20,781.5	22,512.0	W	23,211.3
March	565.0	13.3	1,977.1	15,016.7	7,481.5	22,498.2	24,475.3	—	25,053.6
April	686.3	W	1,816.1	15,578.6	6,734.8	22,313.3	24,129.4	W	24,831.4
May	708.2	W	1,731.4	15,038.2	7,648.7	22,686.9	24,418.2	W	25,132.4
June	678.3	NA	2,098.8	16,206.9	7,330.3	23,537.2	25,636.0	—	26,323.6
July	W	W	1,768.0	15,486.2	7,624.1	23,110.3	24,878.3	—	25,671.1
August	773.5	W	1,923.5	15,260.3	7,039.4	22,299.7	24,223.3	W	25,025.1
September	496.7	W	1,781.8	15,009.8	6,600.6	21,610.4	23,392.2	W	23,917.5
October	505.5	W	1,851.4	15,871.9	7,127.2	22,999.0	24,850.5	W	25,395.4
November	935.3	W	1,671.5	15,503.8	6,772.1	22,276.0	23,947.4	W	24,923.7
December	766.2	W	1,583.1	15,292.0	6,795.6	22,087.6	23,670.6	W	24,483.3
1998 Average	657.1	W	1,819.3	15,171.2	6,983.4	22,154.6	23,973.9	W	24,655.4

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate					No. 4 Fuel ^a	Total Distillate and Kerosene	
			No. 2 Fuel Oil	No. 2 Diesel Fuel			No. 2 Distillate			
				Low-Sulfur	High-Sulfur	Total				
Alabama										
January	W	W	372.9	1,329.6	419.1	1,748.7	2,121.6	—	2,153.4	
February	31.8	—	402.5	1,461.9	451.8	1,913.6	2,316.1	—	2,347.9	
March	W	W	424.3	1,554.5	374.2	1,928.7	2,353.0	—	2,375.2	
April	5.1	—	466.0	1,527.4	276.1	1,803.6	2,269.6	—	2,274.7	
May	4.8	—	345.7	1,540.6	300.3	1,840.8	2,186.6	—	2,191.4	
June	5.9	—	387.0	1,621.9	307.4	1,929.3	2,316.3	—	2,322.2	
July	4.2	—	340.2	1,553.5	288.5	1,842.1	2,182.3	—	2,186.5	
August	7.1	—	330.5	1,615.5	321.0	1,936.5	2,267.1	—	2,274.2	
September	9.3	—	336.4	1,601.3	384.1	1,985.5	2,321.9	—	2,331.2	
October	14.9	—	383.9	1,721.4	352.8	2,074.2	2,458.0	—	2,472.9	
November	15.0	—	339.2	1,583.1	295.9	1,879.0	2,218.2	—	2,233.2	
December	W	W	297.0	1,554.9	313.8	1,868.7	2,165.7	—	2,199.5	
1998 Average	W	W	368.4	1,555.9	339.8	1,895.7	2,264.1	—	2,279.5	
Arkansas										
January	W	W	91.0	1,465.7	445.0	1,910.7	2,001.7	—	2,010.5	
February	1.0	4.4	98.2	1,582.0	506.9	2,089.0	2,187.1	—	2,192.5	
March	W	W	80.5	1,692.3	1,061.4	2,753.7	2,834.2	—	2,838.3	
April	0.8	—	82.4	1,696.6	621.5	2,318.1	2,400.5	—	2,401.3	
May	W	W	108.9	1,631.3	742.4	2,373.7	2,482.6	—	2,483.7	
June	0.6	—	153.9	1,844.5	889.2	2,733.7	2,887.6	—	2,888.2	
July	0.6	—	163.3	1,744.0	938.0	2,682.0	2,845.3	—	2,845.9	
August	0.8	—	131.3	1,756.6	573.6	2,330.2	2,461.5	—	2,462.3	
September	1.4	—	102.6	1,698.0	639.1	2,337.1	2,439.7	—	2,441.1	
October	W	W	107.5	1,819.5	734.0	2,553.5	2,661.0	—	2,665.6	
November	W	W	93.8	1,734.1	480.7	2,214.8	2,308.6	—	2,313.2	
December	W	W	88.1	1,547.8	606.8	2,154.6	2,242.7	—	2,252.2	
1998 Average	2.2	1.3	108.5	1,684.6	688.3	2,372.9	2,481.5	—	2,485.0	
Louisiana										
January	6.4	—	475.8	1,291.1	2,153.0	3,444.1	3,919.9	—	3,926.3	
February	W	—	364.7	1,368.8	W	W	W	—	4,474.6	
March	W	—	507.4	1,457.2	W	W	W	—	5,097.5	
April	W	—	436.8	1,429.5	W	W	W	—	4,641.4	
May	W	—	460.0	1,418.4	W	W	W	—	5,157.2	
June	W	—	503.8	1,529.9	W	W	W	—	5,024.3	
July	W	—	468.2	1,459.2	W	W	W	—	5,186.7	
August	W	—	649.2	1,510.6	W	W	W	—	5,251.6	
September	W	—	398.2	1,418.5	W	W	W	—	4,467.7	
October	W	—	437.1	1,622.9	W	W	W	—	5,130.4	
November	W	—	421.2	1,599.2	W	W	W	—	5,357.9	
December	W	—	399.4	1,712.4	W	W	W	—	4,935.6	
1998 Average	W	—	461.2	1,485.6	W	W	W	—	4,891.2	
Mississippi										
January	W	W	123.0	1,063.9	428.3	1,492.3	1,615.3	—	1,627.9	
February	W	W	155.8	1,218.2	W	W	1,815.0	W	1,824.7	
March	8.2	—	244.2	1,253.1	W	W	2,026.2	—	2,034.4	
April	W	—	240.5	1,298.1	W	W	2,051.2	W	2,053.3	
May	W	—	222.6	1,266.7	W	W	2,136.2	W	2,139.5	
June	W	—	258.8	1,390.9	W	W	W	—	2,324.2	
July	3.2	—	224.5	1,345.1	W	W	2,153.0	—	2,156.3	
August	W	—	228.6	1,323.2	W	W	2,138.5	W	2,142.3	
September	W	—	244.7	1,310.4	W	W	2,103.5	W	2,106.8	
October	6.7	—	226.6	1,406.0	W	W	2,095.7	—	2,102.4	
November	5.0	—	151.4	1,264.6	W	W	1,817.3	—	1,822.3	
December	W	—	146.4	1,293.8	W	W	1,839.9	W	1,851.1	
1998 Average	6.0	W	205.8	1,286.4	W	W	2,010.2	W	2,016.3	

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate					No. 4 Fuel ^a	Total Distillate and Kerosene	
			No. 2 Fuel Oil	No. 2 Diesel Fuel			No. 2 Distillate			
				Low-Sulfur	High-Sulfur	Total				
New Mexico										
January	3.1	19.6	—	867.1	167.7	1,034.8	1,034.8	—	1,057.5	
February	W	W	—	950.9	W	W	W	—	1,109.5	
March	W	11.0	—	986.1	W	W	W	—	1,172.7	
April	W	W	—	1,047.5	W	W	W	—	1,246.5	
May	W	W	—	1,048.5	W	W	W	—	1,174.8	
June	W	W	—	1,069.4	126.3	1,195.7	1,195.7	—	1,196.7	
July	W	W	—	1,043.3	W	W	W	—	1,160.3	
August	W	W	—	1,061.2	W	W	W	—	1,209.7	
September	W	W	—	960.7	W	W	W	—	1,067.9	
October	W	W	—	1,061.6	W	W	W	—	1,219.7	
November	W	18.7	—	986.5	W	W	W	—	1,105.2	
December	W	18.1	—	1,011.2	W	W	W	—	1,103.7	
1998 Average	W	8.7	—	1,008.2	W	W	W	—	1,152.3	
Texas										
January	263.6	4.5	829.7	7,434.8	2,492.9	9,927.8	10,757.5	—	11,025.6	
February	293.9	5.0	709.4	7,724.9	2,528.8	10,253.7	10,963.1	—	11,262.0	
March	W	W	720.8	8,073.5	2,547.1	10,620.6	11,341.4	—	11,535.5	
April	320.7	14.2	590.4	8,579.5	2,709.5	11,288.9	11,879.3	—	12,214.2	
May	W	W	NA	8,132.7	2,859.8	10,992.6	11,586.6	—	11,985.9	
June	W	W	795.3	8,750.2	2,676.8	11,427.0	12,222.3	—	12,568.0	
July	W	W	571.7	8,341.1	2,747.6	11,088.7	11,660.4	—	12,135.5	
August	W	W	583.8	7,993.3	2,675.0	10,668.3	11,252.1	—	11,685.1	
September	W	W	699.8	8,020.9	2,604.9	10,625.8	11,325.6	—	11,502.8	
October	W	W	696.4	8,240.5	2,694.3	10,934.8	11,631.2	W	11,804.4	
November	574.4	W	665.8	8,336.3	2,496.0	10,832.3	11,498.2	W	12,092.1	
December	443.7	W	652.2	8,171.9	2,848.7	11,020.6	11,672.8	W	12,141.3	
1998 Average	332.8	W	675.4	8,150.5	2,658.2	10,808.7	11,484.1	W	11,831.1	
PAD District IV										
January	19.0	508.5	W	3,955.4	W	W	4,989.0	—	5,516.5	
February	6.9	344.5	W	4,195.5	W	W	5,215.0	—	5,566.5	
March	5.5	201.8	W	4,378.8	W	W	5,283.5	—	5,490.8	
April	1.0	60.3	W	5,029.1	W	W	5,771.0	—	5,832.3	
May	0.8	67.1	W	4,471.0	W	W	5,236.4	—	5,304.3	
June	1.0	38.5	W	5,099.5	W	W	6,003.6	—	6,043.1	
July	W	W	W	5,263.0	W	W	6,251.0	—	6,292.5	
August	W	W	W	5,427.6	W	W	6,378.6	—	6,430.3	
September	W	W	W	5,326.3	W	W	6,219.6	—	6,307.8	
October	1.9	224.2	W	5,100.7	W	W	6,039.1	—	6,265.2	
November	5.3	394.1	W	4,400.9	W	W	5,317.6	—	5,716.9	
December	13.6	682.2	W	4,346.0	W	W	5,286.1	—	5,981.9	
1998 Average	4.8	224.9	W	4,751.7	W	W	5,667.8	—	5,897.5	
Colorado										
January	14.3	109.7	W	1,038.5	W	W	1,331.3	—	1,455.2	
February	4.1	102.9	W	1,115.1	W	W	1,369.0	—	1,476.0	
March	3.3	65.4	W	1,202.2	W	W	1,390.2	—	1,458.9	
April	W	W	W	W	W	W	1,473.1	—	1,504.6	
May	W	W	W	1,331.9	W	W	1,509.0	—	1,523.1	
June	W	W	W	1,445.9	W	W	1,671.0	—	1,681.3	
July	W	W	14.3	W	W	1,678.5	1,692.8	—	1,705.3	
August	W	W	W	1,552.7	W	W	1,734.1	—	1,749.5	
September	W	W	W	1,510.7	W	W	1,718.9	—	1,740.5	
October	0.4	64.9	W	1,443.6	W	W	1,666.4	—	1,731.7	
November	3.4	110.2	W	1,214.9	W	W	1,550.9	—	1,664.5	
December	7.9	162.6	W	1,229.0	W	W	1,516.8	—	1,687.3	
1998 Average	3.0	59.8	W	1,327.1	W	W	1,552.9	—	1,615.6	

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate					No. 4 Fuel ^a	Total Distillate and Kerosene	
			No. 2 Fuel Oil	No. 2 Diesel Fuel			No. 2 Distillate			
				Low-Sulfur	High-Sulfur	Total				
Idaho										
January	0.8	90.7	—	588.0	238.4	826.3	826.3	—	917.9	
February	W	W	—	621.1	245.7	866.9	866.9	—	914.3	
March	W	W	W	W	W	W	747.2	—	771.3	
April	W	W	—	655.5	241.4	897.0	897.0	—	903.2	
May	W	W	—	497.8	225.7	723.5	723.5	—	729.2	
June	W	W	W	595.2	W	W	832.6	—	840.7	
July	—	13.7	—	706.1	226.8	932.9	932.9	—	946.6	
August	—	14.1	—	703.8	273.9	977.7	977.7	—	991.8	
September	W	W	—	687.0	236.8	923.8	923.8	—	936.1	
October	—	33.4	W	739.5	W	W	1,021.0	—	1,054.4	
November	—	64.2	—	589.8	185.3	775.0	775.0	—	839.2	
December	W	W	W	634.1	W	W	871.7	—	999.4	
1998 Average	0.3	37.2	W	629.6	W	W	866.4	—	903.8	
Montana										
January	W	W	W	W	W	W	575.7	—	700.5	
February	W	W	—	W	W	683.8	683.8	—	747.8	
March	W	W	W	764.3	W	W	764.8	—	804.7	
April	—	10.0	—	W	W	856.6	856.6	—	866.6	
May	—	6.7	—	W	W	754.7	754.7	—	761.4	
June	—	9.3	—	W	W	771.6	771.6	—	780.8	
July	—	8.2	—	W	W	859.6	859.6	—	867.9	
August	—	11.5	W	890.5	W	W	893.4	—	904.9	
September	—	29.4	—	W	W	817.8	817.8	—	847.3	
October	—	61.1	W	W	W	W	801.2	—	862.3	
November	—	80.4	—	W	W	609.2	609.2	—	689.6	
December	W	W	—	W	W	554.5	554.5	—	694.1	
1998 Average	0.1	48.6	W	744.6	W	W	745.6	—	794.3	
Utah										
January	W	W	W	835.7	W	W	1,130.5	—	1,205.3	
February	W	W	W	878.9	W	W	1,164.9	—	1,224.2	
March	W	W	W	908.5	W	W	1,171.5	—	1,195.7	
April	W	W	—	1,092.3	193.1	1,285.3	1,285.3	—	1,289.0	
May	W	W	—	821.6	183.7	1,005.3	1,005.3	—	1,040.6	
June	W	W	W	1,041.4	W	W	1,243.1	—	1,245.8	
July	—	2.2	W	1,099.0	W	W	1,343.8	—	1,346.0	
August	W	W	W	1,093.8	W	W	1,339.3	—	1,341.7	
September	W	W	W	W	W	W	1,243.7	—	1,249.3	
October	W	W	W	981.8	W	W	1,168.6	—	1,187.3	
November	W	W	W	W	W	W	1,071.1	—	1,132.4	
December	W	W	W	1,053.6	W	W	1,241.6	—	1,360.6	
1998 Average	W	W	W	981.5	W	W	1,200.9	—	1,235.0	
Wyoming										
January	W	W	—	W	W	1,125.2	1,125.2	—	1,237.5	
February	W	W	—	W	W	1,130.4	1,130.4	—	1,204.2	
March	—	50.6	—	W	W	1,209.7	1,209.7	—	1,260.3	
April	—	10.0	—	1,086.7	172.2	1,258.9	1,258.9	—	1,268.9	
May	—	6.0	W	W	W	W	1,244.0	—	1,250.0	
June	—	9.1	NA	W	W	1,484.3	1,485.4	—	1,494.5	
July	—	4.8	NA	W	W	1,421.2	1,421.9	—	1,426.7	
August	—	8.3	—	1,186.8	247.3	1,434.1	1,434.1	—	1,442.4	
September	W	W	W	1,267.3	W	W	1,515.4	—	1,534.6	
October	W	W	—	W	W	1,381.8	1,381.8	—	1,429.5	
November	W	W	W	1,065.8	W	W	1,311.3	—	1,391.2	
December	W	W	—	W	W	1,101.5	1,101.5	—	1,240.5	
1998 Average	W	W	W	1,068.9	W	W	1,302.0	—	1,348.7	

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				
PAD District V										
January	142.2	560.8	W	13,556.5	W	W	17,574.1	123.7	18,400.9	
February	78.8	356.9	W	13,671.9	W	W	16,825.1	122.6	17,383.5	
March	54.5	265.7	W	15,079.6	W	W	19,088.5	114.9	19,523.5	
April	54.3	184.6	W	14,184.1	W	W	17,793.4	109.7	18,142.0	
May	37.3	193.3	W	14,674.2	W	W	18,320.5	122.1	18,673.2	
June	43.3	166.5	W	16,405.4	W	W	20,330.9	115.8	20,656.4	
July	17.2	155.7	W	15,962.6	W	W	20,113.5	133.1	20,419.5	
August	24.2	227.4	W	15,992.6	W	W	19,974.1	84.8	20,310.5	
September	47.2	W	W	16,195.7	W	W	20,344.6	W	20,843.4	
October	33.2	341.4	W	17,128.8	W	W	20,807.2	97.6	21,279.4	
November	120.6	384.5	W	15,340.3	W	W	18,627.2	108.8	19,241.1	
December	46.4	W	W	14,576.3	W	W	18,045.4	W	18,713.0	
1998 Average	58.0	304.6	W	15,240.2	W	W	19,001.7	115.6	19,479.8	
Alaska										
January	W	417.8	W	W	W	W	657.7	W	1,177.1	
February	W	283.2	201.0	17.7	453.8	471.5	672.5	W	1,061.1	
March	W	226.1	W	24.5	383.1	407.6	906.6	W	1,232.0	
April	W	168.8	345.1	31.2	412.5	443.6	788.7	W	1,045.1	
May	W	180.6	331.5	45.7	W	W	W	W	962.1	
June	W	156.6	375.5	15.6	378.5	394.0	769.5	W	1,009.4	
July	W	139.9	435.3	15.1	W	W	W	W	1,204.4	
August	W	211.5	351.2	45.2	W	W	W	W	1,109.4	
September	W	321.6	453.6	73.2	499.0	572.2	1,025.8	W	1,435.6	
October	W	300.5	263.5	29.7	480.5	510.3	773.7	W	1,160.6	
November	W	300.0	319.4	38.5	245.8	284.3	603.7	W	995.0	
December	W	351.5	350.3	49.6	337.4	387.0	737.3	W	1,224.2	
1998 Average	W	254.8	357.4	W	W	427.7	785.1	W	1,135.4	
Arizona										
January	W	W	—	1,577.7	169.5	1,747.3	1,747.3	—	1,759.2	
February	W	W	—	1,540.5	195.0	1,735.4	1,735.4	—	1,748.4	
March	W	W	—	1,526.8	246.5	1,773.3	1,773.3	—	1,783.8	
April	—	W	—	1,332.5	W	W	W	—	1,549.9	
May	W	—	—	1,357.2	W	W	W	—	1,572.6	
June	W	—	—	1,460.7	W	W	W	—	1,699.5	
July	—	—	—	1,437.5	272.5	1,710.0	1,710.0	—	1,710.0	
August	W	W	—	1,348.5	201.6	1,550.0	1,550.0	—	1,550.6	
September	W	—	—	1,320.7	W	W	W	—	1,521.1	
October	W	W	—	1,520.3	225.6	1,745.9	1,745.9	—	1,746.9	
November	W	W	—	1,558.7	206.4	1,765.1	1,765.1	—	1,776.6	
December	W	W	—	1,511.9	213.9	1,725.8	1,725.8	—	1,737.7	
1998 Average	W	W	—	1,457.5	217.0	1,674.5	1,674.5	—	1,679.6	
California										
January	57.8	W	—	8,147.5	381.0	8,528.5	8,528.5	W	8,603.9	
February	34.9	W	W	8,525.8	W	W	8,816.4	W	8,866.0	
March	29.5	W	—	9,392.3	293.9	9,686.2	9,686.2	W	9,722.7	
April	W	—	W	9,198.5	W	W	9,605.8	W	9,647.5	
May	W	—	W	9,574.5	W	W	10,199.2	W	10,229.5	
June	W	—	W	10,609.5	W	W	11,032.3	W	11,069.4	
July	W	—	W	10,355.1	W	W	10,839.7	W	10,853.3	
August	W	—	W	10,514.5	W	W	10,909.8	W	10,927.7	
September	W	—	W	10,698.1	W	W	11,147.1	W	11,168.5	
October	W	—	W	11,074.9	W	W	11,588.8	W	11,607.6	
November	W	—	W	9,775.9	W	W	10,322.4	W	10,381.4	
December	32.9	W	W	9,556.6	W	W	9,945.8	W	9,985.8	
1998 Average	30.0	W	17.5	9,792.5	416.7	10,209.2	10,226.6	W	10,263.3	

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate					No. 4 Fuel ^a	Total Distillate and Kerosene	
			No. 2 Fuel Oil	No. 2 Diesel Fuel			No. 2 Distillate			
				Low-Sulfur	High-Sulfur	Total				
Hawaii										
January	—	W	—	W	365.7	W	W	—	461.6	
February	—	—	—	115.8	411.3	527.0	527.0	—	527.0	
March	—	—	—	86.6	W	W	W	—	W	
April	—	—	—	94.6	378.3	472.9	472.9	—	472.9	
May	—	—	—	89.7	400.4	490.1	490.1	—	490.1	
June	—	—	—	96.6	387.8	484.4	484.4	—	484.4	
July	—	—	—	108.0	419.6	527.6	527.6	—	527.6	
August	—	—	—	90.2	409.7	499.9	499.9	—	499.9	
September	—	—	—	97.7	439.9	537.6	537.6	—	537.6	
October	—	—	—	136.9	393.8	530.7	530.7	—	530.7	
November	—	—	—	110.7	416.2	526.9	526.9	—	526.9	
December	—	—	—	88.5	394.9	483.4	483.4	—	483.4	
1998 Average	—	W	—	W	405.5	W	W	—	506.3	
Nevada										
January	W	W	—	557.9	W	W	W	—	626.5	
February	W	W	—	675.0	38.1	713.1	713.1	—	714.0	
March	W	W	—	687.0	46.1	733.2	733.2	—	W	
April	W	W	W	647.7	W	W	W	—	665.4	
May	—	—	W	585.6	W	W	621.6	—	621.6	
June	W	—	—	753.1	W	W	W	—	817.0	
July	W	—	W	659.6	W	W	W	—	755.3	
August	W	—	W	620.7	W	W	W	—	687.2	
September	W	—	W	622.3	W	W	W	—	682.0	
October	W	W	W	735.5	W	W	793.4	—	795.6	
November	W	W	W	679.7	W	W	748.4	—	749.3	
December	W	W	W	616.3	W	W	670.2	—	675.3	
1998 Average	W	W	W	653.0	W	W	W	—	710.0	
Oregon										
January	W	23.5	—	1,534.4	722.8	2,257.2	2,257.2	W	2,331.3	
February	W	10.6	—	1,180.3	526.3	1,706.5	1,706.5	W	1,746.6	
March	9.2	4.7	—	1,461.2	W	W	W	W	2,211.8	
April	7.5	W	W	1,264.3	W	W	1,926.1	W	1,946.0	
May	W	1.2	—	1,287.2	607.2	1,894.4	1,894.4	W	1,913.0	
June	W	1.3	—	1,544.8	721.4	2,266.2	2,266.2	W	2,285.9	
July	W	W	—	1,392.1	607.9	2,000.1	2,000.1	W	2,010.4	
August	W	1.6	—	1,379.5	667.7	2,047.3	2,047.3	W	2,069.2	
September	W	W	—	1,390.4	704.6	2,095.0	2,095.0	W	2,126.4	
October	W	2.2	W	1,475.9	W	W	2,104.3	W	2,124.9	
November	W	10.9	W	1,394.0	W	W	1,972.4	W	2,038.1	
December	W	11.7	W	1,154.5	W	W	1,820.0	W	1,844.5	
1998 Average	15.1	W	W	1,372.8	W	W	2,025.5	W	2,056.0	
Washington										
January	W	92.3	58.4	1,614.2	1,628.7	3,242.9	3,301.3	W	3,441.2	
February	W	40.4	29.9	1,617.0	1,007.3	2,624.2	2,654.1	W	2,720.3	
March	W	24.0	17.4	1,901.2	1,344.7	3,245.8	3,263.2	W	3,304.0	
April	14.0	W	9.9	1,615.2	1,159.9	2,775.1	2,785.0	W	2,815.1	
May	W	11.4	5.4	1,734.3	1,111.4	2,845.6	2,851.0	W	2,884.3	
June	W	8.6	9.7	1,925.2	1,327.5	3,252.7	3,262.4	W	3,290.8	
July	W	W	12.1	1,995.2	1,325.8	3,321.0	3,333.1	W	3,358.5	
August	3.3	W	W	1,994.0	W	W	3,444.1	W	3,466.5	
September	W	23.0	15.2	1,993.4	1,328.3	3,321.7	3,336.9	W	3,372.1	
October	W	36.5	W	2,155.6	W	W	3,270.4	W	3,313.0	
November	W	62.1	W	1,782.8	W	W	2,688.3	W	2,773.8	
December	W	93.6	18.3	1,598.9	1,045.8	2,644.7	2,663.0	W	2,762.3	
1998 Average	W	36.2	18.8	1,829.0	1,227.3	3,056.3	3,075.1	W	3,129.2	

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

Note: 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."

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 assign measures of size for sampling. Dealers comprising 5 percent or more of sales in a State were selected with certainty. The remaining units on the frame were each assigned a probability of selection. In this design, the probability was based on the size of the company, as determined by their sales volume, relative to the total for all companies for each geographic area and type-of-sale classification relevant for that company. In addition, a random number between 0 and 1 was assigned to each company. The companies were then ordered by the ratio of the random number minus the random number times the probability to the probability minus the random number times the probability $(r-rp)/(p-rp)$. The first 2,200 companies in this ordering were then selected for the sample. The noncertainty companies were then post-stratified within each geographic/type-of-sale category by their volume. The sample weights, the inverse of the probabilities, were multiplied by the sample expectation

adjustment which was the ratio of the sum of the probabilities of selection for all frame units in the stratum to the actual sample size of the stratum.

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, (b) the 25 States in which propane was a significant energy source, or as (c) 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 and propane. Four volume-of-sales strata (certainty, zero, low, and high) were defined with volume boundaries differing by State, sales type, and product.

The design of the EIA-782B sample was based on ten 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, residential propane, total other retail propane, wholesale propane, total retail residual fuel oil, and total wholesale residual fuel oil. A sample size of 2,200 was expected to yield a median level of accuracy for each target variable of volume coefficients of variation (CV) of 15 percent for No. 2 distillate and 10 percent for the other products, determined at the publishable State level (24 States for distillate, 25 for propane, 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.

Prior to March 1997, the sample design was a linked stratified sample. Within each product, sales type, and geographic area, companies were stratified by the size of the company as determined by their sales volumes. The samples resulting from the separate stratification schemes were combined by means of joint linked selection to yield a sample size of approximately 3,500 companies. Prior to October of 1993, the sample design, the survey sample, and the survey form did not include propane.

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, 134 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 1995, in order to collect 1994 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 1994 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: Service stations and smaller 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, 214 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,

$$\hat{V}_t = \sum_{R,h} W_{i,h}^* V_{i,h,t} + \sum_{NR,h} W_{j,h}^* V_{j,h,t}$$

and similarly

$$\hat{Q}_t = \sum_{R,h} W_{i,h}^* V_{i,h,t} P_{i,h,t} + \sum_{NR,h} W_{j,h}^* V_{j,h,t} P_{j,h,t}$$

where

$$V_{j,h,t} = \frac{\sum_{R,h,PADD} W_{i,h}^* V_{i,h,t}}{\sum_{R,h,PADD} W_{i,h}^* \tilde{V}_{i,h,t}} \tilde{V}_{j,h,t}$$

$$P_{j,h,t} = \frac{\sum_{R,h,PADD} P_{i,h,t}}{\sum_{R,h,PADD} \tilde{P}_{i,h,t}} \tilde{P}_{j,h,t}$$

and,

$$W_{i,h}^* = \frac{\sum_{N_h} i}{n_h} (W_{i,h})$$

$W_{i,h}$ = the weight for company i in stratum h . For resellers/retailers responding to EIA-782B, $W_{i,h}$ is inversely proportional to the probability of inclusion. For all certainty units $W_{i,h} = 1$. The certainty units are all respondents to the EIA-782A, the

EIA-782C, and the units selected with certainty for the EIA-782B.

N_h = total number of population units in stratum h,

n_h = number of sampled units in stratum h,

$\sum_{R,h}$ = summation across current month respondents i, all strata

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

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

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

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

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

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

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

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

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

where

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

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

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

and

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

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

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

The variance estimate is :

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

where

N_k = the number of population units in group k,

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

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

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

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

The term M_k is computed as follows:

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

where

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

and

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

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

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

Data Continuity

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

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

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

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

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

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

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

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

where t = reference month.

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

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

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

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

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

Starting with the 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 August 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

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

	Motor Gasoline	Diesel Fuel	Gasohol		Motor Gasoline	Diesel Fuel	Gasohol
Federal ²	18.40	24.40	13.00	Mississippi ⁴	18.40	18.40	18.40
Average State Tax	19.93	20.00	19.80	Missouri ⁴	17.00	17.00	17.00
				Montana ⁴	27.75	28.50	27.75
Alabama ⁴	18.00	19.00	18.00	Nebraska	22.80	22.80	22.80
Alaska	8.00	8.00	8.00	Nevada ⁴	23.75	27.75	23.75
Arizona	18.00	27.00	18.00	New Hampshire	19.60	19.60	19.60
Arkansas	19.50	20.50	19.50	New Jersey ³	10.50	13.50	10.50
California ^{3,4}	18.00	18.00	18.00	New Mexico	18.50	19.50	18.50
Colorado	22.00	20.50	22.00	New York ^{3,4}	22.05	21.30	22.05
Connecticut ³	32.00	18.00	31.00	North Carolina	21.20	21.20	21.20
Delaware	23.00	22.00	23.00	North Dakota	21.00	21.00	21.00
District of Columbia . .	20.00	20.00	20.00	Ohio	22.00	22.00	22.00
Florida ⁴	13.10	13.10	13.10	Oklahoma	17.00	14.00	17.00
Georgia ^{3,4}	7.50	7.50	7.50	Oregon ⁴	24.00	24.00	24.00
Hawaii ^{3,4}	16.00	16.00	16.00	Pennsylvania	25.90	30.80	25.90
Idaho	25.00	25.00	22.50	Rhode Island	29.00	29.00	29.00
Illinois ^{3,4}	19.00	21.50	19.00	South Carolina ⁴	16.00	16.00	16.00
Indiana ³	15.00	16.00	15.00	South Dakota	22.00	22.00	20.00
Iowa ³	20.00	22.50	19.00	Tennessee	20.00	17.00	20.00
Kansas	20.00	22.00	20.00	Texas	20.00	20.00	20.00
Kentucky	16.40	13.40	16.40	Utah	24.50	24.50	24.50
Louisiana	20.00	20.00	20.00	Vermont	20.00	17.00	20.00
Maine	19.00	20.00	19.00	Virginia ³	17.50	16.00	17.50
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	19.00	19.00	19.00	Wisconsin	25.40	25.40	25.40
Minnesota ³	20.00	20.00	20.00	Wyoming	14.00	14.00	14.00

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, 1999.

² The Federal tax on motor gasoline and diesel fuel increased to 18.4 and 24.4 cents, respectively, on October 1, 1997.

³ Additional State taxes are levied as follows: California: 7.25 percent sales tax; Connecticut: 5 percent gross earnings tax; Georgia: 4 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: 6 percent sales tax; 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 on gasoline 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 11.8 cents to the gasoline State tax. For diesel fuel, add 12.0 cents to the 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

each reference month. For the EIA-782C, completed forms must be submitted no later than 20 calendar days after the close of the reference month. Telephone follow-up calls to nonrespondents begin the day after the established due date in order to collect all outstanding data. Late submissions and resubmissions are processed when received.

Data Processing

As EIA-782 forms are received, they are logged into an automated Survey Control File which maintains monthly status codes for each company. The data are reviewed manually and then entered onto the computer files. They are then processed through an automated edit program which detects missing data, inconsistent prices, volumes and prices that significantly differ from those previously reported by the company, and outlying values that will affect published estimates. Data that fail the edits are resolved through telephone calls to the data reporters, and corrections and verification codes are entered onto the computer files. Statistical reports, including publication tables, are then generated using only acceptable and verified data.

Nondisclosure

The data contained in this publication are subject to statistical nondisclosure procedures. The objective of the disclosure-avoidance procedures, as stated in the Energy Information Administration Standard 88-05-06, Subject: "Nondisclosure of Company Identifiable Data in Aggregate Cells," is to ensure that confidential, company-identifiable data are not disclosed in tables where "company specific responses may be proprietary and prohibited from public disclosure by 18 U.S.C. 1905." Statistics representing data aggregated from fewer than three companies or that are dominated by input from one or two companies are withheld. EIA identifies cells that are sensitive according to these criteria by applying a statistical formula to the data contained in each cell to determine if a few companies "dominate" the cell.

If a cell is sensitive, the data in that cell are suppressed and a "W" is placed in the publication cell. Also, since many tables include row or column totals, some nonsensitive data cells have been suppressed to prevent the reader from calculating the suppressed numbers by simply subtracting the published numbers from the total.

Relationship of Refiner and Prime Supplier Sales Volumes

The refiner sales volumes collected on the EIA-782A are related to the prime supplier sales volumes collected on the EIA-782C, but conceptual differences exist that cause variations between these data. In general, EIA-782A volumes are intended to reflect *refiner sales* of petroleum products into *all secondary and tertiary markets*, while EIA-782C volumes are designed to measure *prime supplier sales* into only the *local markets of final consumption*. Specifically:

The reporting universe for the EIA-782C survey is significantly larger than that of the EIA-782A. While nearly all refiners and gas plant operators report on both surveys (a small number do not qualify as prime suppliers), some large, inter-State distributors and retailers, as well as some importers, report only on the EIA-782C.

EIA-782A respondents are asked only to exclude sales to other refiners (that is, other respondents that comprise the primary market), while EIA-782C respondents are asked to exclude sales to any company that is not a local distributor, local retailer, or end user (DRE). Therefore, EIA-782C respondents are asked not only to exclude sales to refiners, but also to most large inter-State resellers, importers, traders, and retailers who transport products across State boundaries.

The EIA-782A is designed to gather data on the sales of selected petroleum products made in each State, regardless of where the products are physically located or will be consumed. In contrast, the EIA-782C is designed to collect data reflecting only delivered sales of selected petroleum products into those States where the products are expected to be locally consumed.

Consequently, EIA-782A and EIA-782C volumetric data generally vary at national, regional, and State levels. In particular, differences are expected in States and regions in which major supply origination, pipeline distribution, or transfer points are located. In these States, large volumes of products may change hands many times, often for eventual shipment outside the State. Since the EIA-782C is intended to measure only those sales into the final local markets of consumption (sales to DREs), all preceding sales are excluded. Furthermore, sales by EIA-782C respondents are reported wherever the product was delivered, which may differ from the State where title transferred. In contrast, the EIA-782A reflects all

sales made to secondary resellers, wherever title transfers.

Additionally, the EIA-782C reflects imports by firms that are neither refiners nor gas plant operators, that would not be measured on the EIA-782A unless they were transferred to a distribution chain. This mostly affects regions with a high level of product imports, such as the New England or Mid-Atlantic States.

Therefore, States with major refining areas, such as Texas or California, generally show higher volumes on the EIA-782A survey than the EIA-782C survey, since some of the volumes reported on the EIA-782A are excluded on the EIA-782C or are reported in different States. Conversely, net consuming States (e.g., most PAD District I and PAD District II States) may show larger prime supplier sales on the EIA-782C due to inter-State movements or imports by resellers and/or differences in State of delivery versus title transfer. However, this may be partially or entirely offset by some refiners reporting larger sales volumes on the EIA-782A than on the EIA-782C (due to fewer exclusions taken on the EIA-782A).

In summary, caution should be exercised when comparing sales volumes between refiners and prime suppliers. Whereas EIA-782A data reflect the marketing of products by refiners to non-refiners where the sale occurs, EIA-782C data reflect prime supplier sales to local distributors, local retailers, and end users where the product is delivered. Therefore, the EIA-782A and EIA-782C surveys differ by the respondents reporting (refiners versus prime suppliers), the types of sales reported (sales to non-refiners versus sales to DREs), and the location of the reported sales (point of title transfer versus destination of the sale).

Revision Error

The petroleum product price and volume data shown for the current month are preliminary. These numbers may be revised in the next month's publication based on data received late or revisions received. For example, if the latest data shown are for the month of February, the February data are preliminary and the January data may have been revised due to the receipt of late or revised data. The data are final upon publication in the *Petroleum Marketing Annual* (PMA). The difference between the data when they appear in the *Petroleum Marketing Monthly* (PMM) and when they appear in the PMA is called the revision error. The amount of revision error for some se-

Table EN3. Revision Error in Selected 1998 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.....	68.2	68.0	0.2	92.5	92.5	0.0	36.4	36.4	0.0
February.....	64.5	64.5	0.0	91.5	91.6	-0.1	33.7	33.7	0.0
March.....	61.8	61.8	0.0	89.6	89.6	0.0	29.8	29.8	0.0
April.....	63.3	63.4	-0.1	87.6	87.7	-0.1	32.5	32.6	-0.1
May.....	66.3	66.4	-0.1	84.8	84.9	-0.1	32.5	32.5	0.0
June.....	65.4	65.6	-0.2	81.1	81.2	-0.1	31.7	31.7	0.0
July.....	63.8	64.3	-0.5	77.6	77.7	-0.1	31.5	31.6	-0.1
August.....	61.0	61.5	-0.5	75.5	75.5	0.0	29.1	29.1	0.0
September.....	59.9	60.3	-0.4	77.0	77.0	0.0	27.7	27.7	0.0
October.....	60.9	60.8	0.1	78.6	78.6	0.0	30.1	30.1	0.0
November.....	58.1	58.0	0.1	79.9	79.9	0.0	30.0	30.6	-0.6
December.....	53.5	53.4	0.1	79.0	78.9	0.1	26.4	27.3	-0.9

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*, 1998.

Table EN4. Revision Error in Selected 1998 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.....	279.7	279.9	-0.1	119.0	119.5	-0.4	15.5	15.5	0.0
February.....	285.9	286.2	-0.1	119.4	119.7	-0.3	13.5	13.5	0.0
March.....	291.1	291.3	-0.1	120.5	121.8	-1.1	15.5	15.5	0.0
April.....	310.5	304.6	1.9	116.9	114.5	2.1	14.4	14.3	0.7
May.....	311.1	305.4	1.8	115.8	113.6	1.9	13.2	13.0	1.5
June.....	323.9	316.3	2.3	125.3	121.2	3.3	13.8	13.8	0.0
July.....	321.9	318.8	1.0	122.8	121.6	1.0	16.0	16.5	-3.1
August.....	308.4	308.6	-0.1	115.8	115.7	0.1	17.8	17.8	0.0
September.....	299.2	299.5	-0.1	117.5	117.4	0.1	13.0	13.0	0.0
October.....	298.7	298.7	0.0	123.0	123.0	0.0	14.0	14.1	-0.7
November.....	291.1	290.2	0.3	118.1	117.7	0.3	14.2	11.8	16.9
December.....	303.6	304.5	-0.3	125.1	124.4	0.6	18.1	14.1	22.1

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*, 1998.

Table EN5. Revision Error in Selected Volumes of 1998 Prime Supplier 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	324.1	323.5	0.2	143.0	142.8	0.1	32.6	32.5	0.3
February	335.0	335.2	-0.1	145.4	145.2	0.1	29.8	29.4	1.3
March	343.8	344.0	-0.1	147.1	148.1	-0.71	31.5	31.3	0.6
April	353.7	351.6	0.6	137.3	138.5	-0.9	32.5	31.8	2.2
May	356.5	355.1	0.4	130.8	131.9	-0.8	29.1	29.3	-0.7
June	370.8	368.3	0.7	140.9	141.5	-0.4	29.1	29.0	0.3
July	373.4	370.3	0.8	135.8	136.0	-0.1	35.2	35.1	0.3
August	366.5	363.2	0.9	133.2	134.2	-0.8	33.0	33.0	0.0
September	358.6	355.5	0.9	137.8	139.6	-1.3	30.0	30.0	0.0
October	361.9	359.5	0.7	146.8	147.3	-0.3	32.5	32.5	0.0
November	349.0	347.2	0.5	141.4	141.2	0.1	29.4	29.4	0.0
December	358.3	356.4	0.5	144.0	144.6	-0.4	35.1	34.8	0.9

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*, 1998.

lected 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 com-

pany 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 “net-back realization,” wherein a crude oil’s value was determined by volume weighted spot market prices of products derivable from that crude. The weights essentially reflected the relative yield of selected products from a given crude stream. These netback-based formulas gradually gave way to formulas based on spot crude oil assessments.

The formulas and terms used by sellers of crude oil continue to change. Since the EIA-856 prices are aggregated by month of acquisition—not necessarily the same as month of price determination—they may

not always show the same pattern as a series from another source (e.g., trade-press publications). During periods of dramatic change in crude oil prices, aggregate prices derived from EIA-856 data will tend to “lead” the market. That is, these prices will show the emerging trend earlier, reach the inflection point sooner, and then return to the underlying trend. When averaged over longer periods of time, however, EIA-856 prices show the same relative price movements as exogenous sources.

Form EIA-14: “Refiners’ Monthly Cost Report”

The EIA-14 is a monthly census of all U.S. refiners. It collects the net acquisition costs and volumes of crude oil, both domestic and imported, on a corporate national basis (i.e., not for individual refineries). Included in the costs are all charges associated with the acquisition, transportation, and storage of crude incurred by respondents up to the time the oil is booked into their refineries.

Each month, refiners report the volume (in thousands of barrels) and costs (in thousands of dollars) for:

Domestic crude oil. Oil produced in the United States or from its outer continental shelf.

Imported crude oil. Oil produced outside the United States and brought into the United States for domestic processing.

Unfinished oil. All other oils, both domestic and imported, requiring further refining, except those requiring only mechanical blending.

Average prices are calculated by dividing the sum of the costs by the sum of the volumes.

Respondent Frame

Form EIA-182:

All firms that buy domestic crude oil at the lease boundary, acquiring ownership of the crude in a first purchase transaction. The list initially was compiled from the 1974 Federal Energy Administration (FEA) Oil and Gas Survey of Producers and Operators. Collection of data from first purchasers began in February 1976. By 1978, the frame consisted of 340 respondents. Of these, 198 purchased more than

150,000 barrels per year and together represented 99.9 percent of the total reported volume.

Adjustments to the frame have mostly been “deaths,” with relatively few “births.” Following decontrol in January 1981, there was a major contraction of the list of active first purchasers. Many small firms went out of business or were absorbed by larger companies. More recent changes include several mergers among majors and one breakup of a major company. Currently, the EIA-182 survey collects data from 102 active respondents.

Form EIA-856:

All companies that were reporting data on the ERA-51, “Transfer Pricing Report,” as of June 1982, regardless of the total volumes of crude oil that are imported. In addition, all other companies that acquire more than 500,000 barrels of foreign crude oil in the report month for importation into the United States are required to prepare and submit an EIA-856 for that month.

Form EIA-14:

All refiners of crude oil in the United States, including its territories and possessions. There are currently 107 active respondents to the EIA-14.

The list of respondents to the EIA-14 is updated annually by supplementation from the EIA-782A, “Refiners’/Gas Plant Operators’ Monthly Petroleum Product Sales Report,” and the EIA-810, “Monthly Refinery Report.”

Data Collection Processing

All three crude oil data collection systems are operated independently. Each performs similar data collection and processing functions that are outlined below.

Survey data are collected by mail every month. It is mandatory for each respondent to submit completed forms to EIA no later than 30 calendar days after the close of each reference month. Telephone follow-up calls to nonrespondents begin 2 days after the established due date in order to collect all outstanding data. Late submissions and resubmissions are processed when received.

The forms are logged and reviewed manually. The data are then entered onto computer files. The files

are then processed through an automated edit program which detects missing data, inconsistent prices, and outlying values that affect published estimates. Data that fail the edits are resolved through telephone calls to data reporters, and corrections and verification codes are entered onto computer files. Statistical reports, including publication tables, are then generated using only acceptable and verified data. Response rates are normally 100 percent by the time final statistics are calculated.

Nondisclosure

The data contained in this publication are subject to statistical nondisclosure procedures. The objective of the disclosure-avoidance procedures, as stated in the Energy Information Administration Standard 88-05-06, Subject: "Nondisclosure of Company Identifiable Data in Aggregate Cells," is to ensure that confidential, company-identifiable data are not disclosed in tables where "company specific responses may be proprietary and prohibited from public disclosure by 18 U.S.C. 1905." Statistics representing data aggregated from fewer than three companies or that are dominated by input from one or two companies are withheld. EIA identifies cells that are sensitive according to these criteria by applying a statistical formula to the data contained in each cell to determine if a few companies "dominate" the cell.

If a cell is sensitive, the data in that cell are suppressed and a "W" is placed in the publication cell. Also, since many tables include row or column totals, some nonsensitive data cells have been suppressed to prevent the reader from calculating the suppressed numbers by simply subtracting the published numbers from the total.

Data Continuity

The crude oil statistics published in the *Petroleum Marketing Monthly* constitute both a republishing of numbers that already appear in the *Monthly Energy Review* (MER) and the *Annual Energy Review* (AER), and a simple extension of the detail of such statistics. These statistics have been published for a number of years in the MER and AER. The data currently collected through the crude oil surveys are compatible with data used to derive statistics for the historical series. The definitions, respondents, and processing have not changed substantially over the years the data have been collected. The target populations and the computational algorithms have remained virtually unchanged.

Reliability of Data

There are two types of errors possible in an estimate based on a sample survey: sampling and nonsampling. Sampling errors occur because observations are made only on a sample, not on the entire population. Since the crude oil surveys are based on a census of the population, these surveys contain no sampling error.

Nonsampling errors can be attributed to many sources: (1) inability to obtain complete information from all respondents in the survey (i.e., nonresponse), (2) response errors, (3) definitional difficulties, (4) differences in the interpretation of questions, (5) mistakes in recording or coding the data obtained, and (6) other errors of collection, response, coverage, and estimation for missing data.

Although no direct measurement of the biases due to nonsampling errors can be obtained, precautionary steps were taken in all phases of the frame development and data collection, processing, and tabulation processes, in an effort to minimize their influence. In addition, the close cooperative consultation between EIA and the survey respondents and data users results in a more accurate information gathering and reporting process.

Imputation

Since the response rates for the crude oil survey are virtually 100 percent, there are no imputation procedures in the PMM data for nonresponse to these surveys. Imputation is performed, however, on EIA-182 volume data used in estimating crude oil production published in the *Petroleum Supply Monthly* (PSM). Since production estimates for the PSM are required on an expedited schedule, some responses are imputed for the PSM. However, all responses are received prior to the publication of the PMM, thus no imputation is required for the price data published in the PMM. See Note 4 in the Explanatory Notes in the PSM for additional information on the use of EIA-182 data in estimating domestic crude oil production.

Revision Error

The crude oil values shown for Domestic First Purchase Prices and Refiner Acquisition Cost (RAC) for the 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 re-

Table EN6. Revision Error in 1998 Refiner Acquisition Cost Data
(Dollars per Barrel)

Date	Refiner Acquisition Costs								
	Domestic			Imported			Composite		
	PMM	Final	Difference	PMM	Final	Difference	PMM	Final	Difference
January	15.87	15.85	0.02	14.55	14.33	0.22	15.14	15.04	0.10
February	14.77	14.74	0.03	13.41	13.32	0.09	14.03	13.98	0.05
March	13.52	13.48	0.04	12.36	12.34	0.02	12.87	12.84	0.03
April	13.47	13.42	0.05	12.85	12.81	0.04	13.10	13.06	0.04
May	13.52	13.42	0.10	12.66	12.61	0.05	13.01	12.95	0.06
June	12.43	12.38	0.05	11.67	11.61	0.06	11.98	11.94	0.04
July	12.39	12.36	0.03	11.56	11.55	0.01	11.92	11.90	0.02
August	12.45	12.44	0.01	11.34	11.34	0.00	11.79	11.77	0.02
September	13.40	13.35	0.05	12.78	12.77	0.01	13.04	13.01	0.03
October	13.42	13.39	0.03	12.12	12.11	0.01	12.64	12.61	0.03
November	12.49	12.47	0.02	10.99	10.99	0.00	11.59	11.56	0.03
December	10.52	10.48	0.04	9.39	9.39	0.00	9.84	9.81	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*, 1998.

Table EN7. Revision Error in 1998 Domestic First Purchase Price Data
(Dollars per Barrel)

Month	PMM	Final	Difference
January	13.48	13.45	0.03
February	12.16	12.17	-0.01
March	11.53	11.15	0.38
April	11.64	11.28	0.36
May	11.49	11.13	0.36
June	10.00	10.00	0.00
July	10.46	10.44	0.02
August	10.18	10.20	-0.02
September	11.28	11.29	-0.01
October	11.32	11.32	0.00
November	9.65	9.64	0.01
December	8.05	8.03	0.02

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*, 1998.

Table EN8. Revision Error in 1998 Foreign Crude Oil Acquisition Cost Data
(Dollars per Barrel)

Month	FOB Cost of Imports			Landed Cost of Imports		
	PMM	Final	Difference	PMM	Final	Difference
January.....	12.76	12.78	-0.02	14.12	12.12	0.00
February	11.72	11.69	0.03	13.11	13.08	0.03
March.....	11.08	11.08	0.00	12.39	12.40	-0.01
April.....	11.18	11.17	0.01	12.34	12.33	0.01
May	11.28	11.33	-0.05	12.24	12.26	-0.02
June	10.17	10.12	0.05	11.27	11.25	0.02
July	10.37	10.37	0.00	11.41	11.41	0.00
August.....	10.20	10.21	-0.01	11.29	11.32	-0.03
September.....	11.75	11.70	0.05	12.47	12.44	0.03
October	11.00	10.99	0.01	11.97	11.96	0.01
November.....	9.36	9.37	-0.01	10.48	10.47	0.01
December	8.18	8.18	0.00	9.30	9.30	0.00

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*, 1998.

ceived. 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

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

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): A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in aviation reciprocating engines. Fuel specifications are provided in ASTM Specification D 910 and Military Specification MIL-G-5572. *Note:* Data on blending components are not counted in data on 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: Finished motor gasoline not included in the oxygenated or reformulated gasoline categories. *Note:* This category excludes reformulated gasoline blendstock for oxygenate blending (RBOB) well as other blendstock.

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 accor-

dance 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. Products known as No. 1, No. 2, and No. 4 diesel fuel are used in on-highway diesel engines, such as those in railroad locomotives and agricultural machinery. Products known as No. 1, No. 2, and No. 4 fuel oils are used primarily for space heating and electric power generation.

1. **No. 1 Distillate:** A light petroleum distillate that can be used as either a diesel fuel (see **No. 1 Diesel Fuel**) or a fuel oil (See **No. 1 Fuel Oil**).

a. **No. 1 Diesel Fuel:** A light distillate fuel oil that has distillation temperatures of 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines generally operated under frequent speed and load changes, such as those in city buses and similar vehicles. See **No. 1 Distillate**.

b. **No. 1 Fuel Oil:** A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See **No. 1 Distillate**.

2. **No. 2 Distillate:** A petroleum distillate that can be used as either a diesel fuel (see **No. 2 Diesel Fuel**) or a fuel oil. See **No. 2 Fuel Oil**.

a. **No. 2 Diesel Fuel:** A fuel that has distillation temperatures of 500 degrees Fahrenheit at the 10-percent recovery point and 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high speed diesel engines that are generally operated under uniform speed and load conditions, such as those in railroad locomotives, trucks, and automobiles. See **No. 2 Distillate**.

- **Low Sulfur No. 2 Diesel Fuel:** No. 2 diesel fuel that has a sulfur level no higher than 0.05 percent by weight. It is used primarily in motor vehicle diesel engines for on-highway use.

- **High Sulfur No. 2 Diesel Fuel:** No. 2 diesel fuel that has a sulfur level above 0.05 percent by weight.

b. **No. 2 Fuel Oil (Heating Oil):** A distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used in atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See **No. 2 Distillate**.

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 distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms with ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes **No. 4 diesel fuel** used for low-and medium-speed diesel engines and 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 containing alcohol (generally ethanol but sometimes methanol) at a concentration of 10 percent or less by volume. Data on gasohol that has at least 2.7 percent oxygen, by weight, and is intended for sale inside carbon monoxide nonattainment areas are included in data on oxygenated gasoline. See **Oxygenates**.

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

Kerosene: A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 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 No. 1-K and No. 2-K, the two grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil. See **Kerosene-Type Jet Fuel**.

Kerosene-Type Jet Fuel: A kerosene-based product having a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point and a final maximum boiling point of 572 degrees Fahrenheit

and meeting ASTM Specification D 1655 and Military Specifications MIL-T-5624P and MIL-T-83133D (Grades JP-5 and JP-8). It is used for commercial and military 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. Motor gasoline, as defined in ASTM Specification D-4814 or Federal Specification VV-G-1690B, is characterized as having 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; all types of oxygenated gasoline, including gasohol; and reformulated gasoline, but excludes aviation gasoline. *Note:* Volumetric data on blending components, such as oxygenates, are not counted in data on finished motor gasoline until the blending components are blended into the gasoline.

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:** Finished motor gasoline, other than reformulated gasoline, having an oxygen content of 2.7 percent or higher by weight and required by the U.S. Environmental Protection Agency (EPA) to be sold in areas designated by EPA as carbon monoxide (CO) nonattainment areas. *Note:* Oxygenated gasoline excludes oxygenated fuels program reformulated gasoline (OPRG) and reformulated gasoline blendstock for oxygenate blending (RBOB). Data on gasohol that has at least 2.7 percent oxygen, by weight, and is intended for sale inside CO nonattainment areas are included in data on oxygenated gasoline. Other data on gasohol are included in data on conventional gasoline.
3. **Reformulated Gasoline:** Finished motor gasoline formulated for use in motor vehicles, the composition and properties of which meet the requirements of the reformulated gasoline regu-

lations promulgated by the U.S. Environmental Protection Agency under Section 211(k) of the Clean Air Act. Note: This category includes oxygenated fuels program reformulated gasoline (OPRG) but excludes reformulated gasoline blendstock for oxygenate blending (RBOB).

Gasoline Grades: The classification of gasoline by octane ratings. Each type of gasoline (conventional, oxygenated, and reformulated) is classified by three grades - Regular, Midgrade, and Premium. Note: 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 may be 2 or more octane points lower.

1. Regular Gasoline: Gasoline having an antiknock index, i.e., octane rating, greater than or equal to 85 and less than 88. Note: Octane requirements may vary by altitude. See **Gasoline Grades**.

2. Midgrade Gasoline: Gasoline having an antiknock index, i.e., octane rating, greater than or equal to 88 and less than or equal to 90. Note: Octane requirements may vary by altitude. See **Gasoline Grades**.

3. Premium Gasoline: Gasoline having an antiknock index, i.e., octane rating, greater than 90. Note: Octane requirements may vary by altitude. See **Gasoline Grades**.

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, 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees Fahrenheit, and meeting Military Specification MIL-T-5624L (Grade JP-4). It is used primarily for military turbojet and turboprop aircraft engines because it has a lower freeze point than other

aviation fuels and meets engine requirements at high altitudes and speeds.

Octane Rating: A number used to indicate gasoline's antiknock performance in motor vehicle engines. The two recognized laboratory engine test methods for determining the antiknock rating, i.e., octane rating, of gasolines are the Research method and the Motor method. To provide a single number as guidance to the consumer, the antiknock index $(R + M)/2$, which is the average of the Research and Motor octane numbers, was developed.

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: Substances which, when added to gasoline, increase the amount of oxygen in that gasoline blend. Ethanol, Methyl Tertiary Butyl Ether (MTBE), Ethyl Tertiary Butyl Ether (ETBE), and methanol are common oxygenates.

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 Oil: The heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specification D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military

Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-77). It is used in steam-powered vessels in government service and inshore powerplants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

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

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

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

Sulfur: A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. *Note:* No. 2 Distillate fuel is currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

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.

Articles

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

<i>Propane Market Assessment for Winter 1997-1997</i>	December 1997
<i>A Contrast Between Distillate Fuel Oil Markets in Autumn 1996 and 1997</i>	December 1997
<i>A Comparison of Selected EIA-782 Data With Other Data Sources</i>	November 1997
<i>Distillate Fuel Oil Assessment for Winter 1996-1997</i>	December 1996
<i>Propane Market Assessment for Winter 1996-1997</i>	December 1996
<i>Recent Distillate Fuel Oil Inventory Trends</i>	June 1996
<i>Recent Trends in Motor Gasoline Stock Levels</i>	June 1996
<i>Noncommercial Trading in the Energy Futures Market</i>	May 1996
<i>1995 Reformulated Gasoline Market Affected Refiners Differently</i>	January 1996
<i>Distillate Fuel Oil Assessment for Winter 1995-1996</i>	November 1995
<i>Propane Assessment for Winter 1995-1996</i>	November 1995
<i>Environmental Regulations and Changes in the Petroleum Refining Operations</i>	September 1995
<i>What Drives Motor Gasoline Prices?</i>	June 1995
<i>1995 Motor Gasoline Assessment</i>	May 1995
<i>Results of the Office of Oil and Gas "Outlook Survey"</i>	March 1995
<i>Distillate Fuel Oil Assessment for Winter 1994-1995</i>	November 1994
<i>Propane Assessment for Winter 1994-1995</i>	November 1994
<i>Sales of Fuel Oil and Kerosene in 1993</i>	November 1994
<i>Impact of New Low-Sulfur Diesel Requirements, October through December 1993</i>	November 1994
<i>Reformulated Gasoline Supply Issues</i>	November 1994

<i>A Comparison of Selected EIA-782 Data With Other Data Sources</i>	October 1994
<i>Demand, Supply, and Price Outlook for Reformulated Motor Gasoline 1995</i>	August 1994
<i>The Second Oxygenated Gasoline Season</i>	June 1994
<i>Changes to the 1994 Petroleum Marketing Monthly</i>	May 1994
<i>Summer 1994 Motor Gasoline Outlook</i>	May 1994
<i>Sales of Fuel Oil and Kerosene in 1992</i>	December 1993
<i>Low-Sulfur Diesel: Requirements and Impacts</i>	December 1993
<i>Distillate Fuel Oil Outlook for Winter 1993-94</i>	November 1993
<i>Propane Outlook for Winter 1993-1994</i>	November 1993
<i>A Comparison of Selected EIA-782 Data with Other Data Sources</i>	August 1993
<i>The Economics of the Clean Air Act Amendments of 1990: Review of the 1992-1993 Oxygenated Motor Gasoline Season</i>	August 1993
<i>Changes to Form EIA-782C "Monthly Report of Petroleum Products Sold into States for Consumption"</i>	May 1993
<i>Summer 1993 Motor Gasoline Outlook</i>	May 1993
<i>Economics of Energy Futures Markets</i>	September 1991
<i>Economics of Gasoline Pool Octane Growth</i>	March 1990
<i>A Comparison of Selected EIA-782 Data with Other Data Sources</i>	August 1989
<i>The Introduction of Unleaded Midgrade Gasoline</i>	April 1989
<i>A Review of Valdez Oil Spill Market Impacts</i>	March 1989
<i>California Crude Oil Price Levels</i>	April 1987
<i>Determining Minimum Acceptable Bid Prices for the Test Sale of Strategic Petroleum Reserve Crude Oil</i>	August 1986
<i>Commercial/Industrial Sales of Residual Fuel Oil</i>	December 1985
<i>Crude Oil High-Seas Stocks</i>	August 1985
<i>Foreign Crude Oil Prices: The Differential Dilemma</i>	May 1985
<i>A Short-Term Analysis of the Effects of Concentration on Price in the Gasoline Market</i>	April 1985

<i>Petroleum Marketing Monthly</i> Initiates Crude Oil Data Series	February 1985
<i>Estimated Historic Time Series for the EIA-782</i>	December 1983[3]
<i>No. 2 Distillate Price and Sales Reflect a Period of Adjustment to Changing Market Conditions</i>	November 1983
<i>The Consolidation of Petroleum Marketing Surveys</i>	April 1983

Table A1. Refiner/Reseller Motor Gasoline Prices by Grade, PAD District and State, 1984-Present
(Cents per Gallon Excluding Taxes)

Geographic Area Year	Regular		Midgrade		Premium		All Grades	
	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale
United States								
1984	93.2	84.9	NA	NA	101.8	92.4	92.0	83.8
1985	93.3	84.9	NA	NA	102.3	92.8	92.4	84.1
1986	63.6	52.9	NA	NA	74.6	61.7	64.2	53.8
1987	67.0	57.2	NA	NA	78.8	67.4	68.4	59.2
1988	66.1	55.1	NA	NA	79.4	67.5	68.6	58.0
1989	73.7	62.3	80.2	69.1	88.3	75.2	77.3	65.8
1990	87.2	76.2	93.6	82.3	100.1	87.7	90.1	78.9
1991	78.1	68.2	85.6	74.4	92.5	80.0	81.3	70.8
1992	75.2	64.9	83.0	71.3	91.5	77.6	79.1	68.0
1993	71.7	59.7	79.9	66.4	88.5	72.2	75.8	62.8
1994	69.4	57.1	77.7	64.1	86.3	69.6	73.6	60.2
1995	72.5	59.9	80.7	67.3	89.2	72.4	76.6	63.0
1996	81.2	68.9	89.0	76.0	97.0	80.4	84.7	71.5
1997	80.0	67.7	88.5	75.1	96.4	79.4	83.5	70.3
1998	62.5	50.4	71.6	57.9	79.4	61.8	66.4	53.0
PAD District I								
1984	92.3	84.8	NA	NA	102.5	92.4	91.6	84.2
1985	93.6	85.2	NA	NA	104.2	93.3	93.4	85.2
1986	63.9	53.2	NA	NA	76.1	62.1	65.3	55.2
1987	67.5	57.7	NA	NA	80.5	68.2	69.9	60.6
1988	67.1	56.1	NA	NA	81.3	68.7	70.8	60.2
1989	74.1	62.7	82.0	70.0	90.5	76.7	79.4	67.9
1990	87.6	77.7	94.8	83.2	101.9	89.0	91.8	81.5
1991	79.2	70.6	87.5	75.7	95.9	83.2	83.8	74.2
1992	74.0	65.1	84.1	71.4	93.0	78.4	79.6	69.3
1993	69.7	59.0	80.2	66.1	89.5	72.8	75.6	63.4
1994	67.3	56.6	77.6	63.6	86.7	70.3	73.2	60.9
1995	71.9	60.8	81.4	67.5	90.3	73.7	77.2	64.7
1996	78.9	68.3	87.7	75.0	96.3	80.5	83.5	71.7
1997	78.0	67.2	87.2	73.8	95.5	79.2	82.5	70.4
1998	59.9	49.6	69.4	56.4	77.8	61.2	64.8	52.8
Subdistrict IA								
1984	93.1	85.4	NA	NA	105.7	92.7	93.4	85.3
1985	95.5	87.0	NA	NA	106.8	95.2	95.9	87.6
1986	68.2	55.8	NA	NA	79.1	65.2	70.0	58.2
1987	71.4	60.2	NA	NA	83.5	71.8	74.1	63.7
1988	73.2	58.9	NA	NA	87.1	72.9	77.1	63.8
1989	79.7	64.9	87.2	73.2	96.2	79.8	85.1	70.5
1990	91.7	80.7	99.2	86.9	106.4	92.6	96.0	84.5
1991	87.5	74.1	94.8	79.5	102.0	87.0	91.5	77.7
1992	80.3	66.7	89.7	73.6	97.8	80.1	85.5	70.5
1993	73.8	59.9	83.4	66.8	92.1	72.8	79.2	63.7
1994	71.9	57.6	82.5	65.5	90.8	71.6	77.5	61.6
1995	77.0	65.1	86.8	72.4	95.6	77.6	82.0	68.6
1996	83.8	71.7	92.7	79.0	100.8	82.9	87.7	74.6
1997	84.3	71.1	93.8	78.9	101.6	82.5	88.0	73.8
1998	64.6	53.0	74.7	60.8	83.1	63.7	68.7	55.6
Connecticut								
1984	93.3	85.3	NA	NA	108.9	93.2	94.4	85.6
1985	94.5	87.4	NA	NA	107.3	95.4	95.4	88.3
1986	68.9	57.4	NA	NA	80.2	66.6	70.7	60.1
1987	71.8	61.6	NA	NA	82.4	73.0	74.1	65.5
1988	74.6	60.8	NA	NA	87.8	73.1	78.2	65.8
1989	79.5	65.9	90.8	74.5	98.1	79.9	85.9	71.9
1990	92.7	80.2	100.8	86.8	107.2	92.6	97.5	84.7
1991	85.2	73.6	92.7	79.5	101.0	87.1	90.0	77.8
1992	79.5	67.9	89.0	74.5	99.0	81.1	85.6	72.2
1993	74.4	61.3	85.2	67.7	95.6	74.9	81.0	65.6
1994	71.1	58.9	82.6	65.8	92.3	72.9	77.7	63.2
1995	75.9	65.6	85.4	72.3	95.9	78.2	81.2	69.2
1996	83.0	71.6	92.3	78.2	101.8	83.6	87.5	74.7
1997	82.9	70.7	92.7	78.0	101.5	82.0	87.2	73.4
1998	63.3	53.6	73.5	60.8	82.9	63.8	68.1	56.2

See footnotes at end of table.

Table A1. Refiner/Reseller Motor Gasoline Prices by Grade, PAD District and State, 1984-Present

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Regular		Midgrade		Premium		All Grades	
	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale
Maine								
1984	95.8	85.7	NA	NA	104.8	91.4	95.2	84.6
1985	98.5	87.7	NA	NA	107.5	94.3	98.1	86.9
1986	71.2	55.1	NA	NA	81.3	62.2	72.1	56.1
1987	72.1	58.8	NA	NA	84.1	68.5	74.1	60.8
1988	72.8	56.6	NA	NA	86.0	68.2	75.6	59.6
1989	82.2	63.6	88.2	68.7	97.7	75.9	86.1	66.9
1990	95.0	79.9	101.0	82.4	108.6	88.9	98.0	81.8
1991	91.1	71.9	101.1	76.6	106.8	83.5	94.7	74.2
1992	83.0	65.3	94.2	71.1	98.8	76.8	87.0	67.9
1993	77.8	58.0	86.7	62.3	94.3	68.9	81.7	60.5
1994	75.1	57.1	84.6	62.9	91.7	68.8	79.2	59.8
1995	78.9	62.2	89.0	70.0	96.4	72.6	82.9	64.8
1996	85.2	69.4	94.8	77.0	101.7	78.7	88.3	71.4
1997	86.2	69.3	96.1	75.8	104.6	79.2	89.5	71.1
1998	68.8	51.8	79.5	57.9	88.6	61.6	72.4	53.5
Massachusetts								
1984	91.5	85.0	NA	NA	104.4	92.3	92.0	84.9
1985	94.4	86.1	NA	NA	106.8	95.0	95.0	86.9
1986	65.9	54.6	NA	NA	77.8	64.7	68.2	57.3
1987	70.9	59.6	NA	NA	83.2	71.7	73.9	63.3
1988	73.1	58.4	NA	NA	86.7	74.0	77.3	63.8
1989	78.0	64.3	86.2	74.1	95.1	80.5	84.2	70.4
1990	89.0	80.4	97.6	88.3	105.1	93.4	94.1	84.7
1991	86.2	74.9	94.0	80.5	101.3	87.7	90.6	78.6
1992	79.2	66.0	89.0	73.8	97.3	80.1	84.7	69.8
1993	71.6	59.3	81.9	67.2	90.8	72.0	77.5	63.1
1994	69.8	56.7	81.2	65.9	89.6	71.2	76.0	60.9
1995	76.9	65.7	86.9	73.5	95.8	78.3	82.2	69.5
1996	83.3	72.1	92.4	80.3	100.2	82.9	87.5	75.2
1997	84.5	71.7	94.0	80.5	101.1	83.2	88.3	74.6
1998	63.6	53.0	74.0	61.9	81.7	63.9	68.0	55.8
New Hampshire								
1984	94.0	86.8	NA	NA	104.7	93.3	94.0	86.7
1985	96.7	89.2	NA	NA	107.0	96.4	96.8	89.5
1986	69.4	58.3	NA	NA	81.0	66.0	70.8	60.0
1987	71.9	62.3	NA	NA	86.6	72.6	75.1	65.3
1988	72.5	61.9	NA	NA	88.7	74.8	76.6	66.2
1989	79.2	68.9	86.2	73.5	95.9	82.3	84.5	73.8
1990	92.5	83.6	99.4	87.3	106.5	94.0	96.5	86.7
1991	88.9	76.3	95.3	80.3	103.8	88.5	92.5	79.3
1992	81.5	68.7	91.6	74.1	100.0	82.1	86.4	71.9
1993	74.8	62.6	85.2	68.7	93.5	76.0	79.8	66.2
1994	73.3	61.2	83.9	67.4	91.3	74.5	78.1	64.9
1995	77.5	68.4	87.7	74.9	95.8	80.2	82.0	71.5
1996	84.2	75.1	93.8	80.8	100.9	86.8	87.9	77.8
1997	84.3	74.0	93.7	81.3	102.1	86.7	87.7	76.7
1998	65.4	54.4	75.7	62.2	84.4	66.5	69.2	56.8
Rhode Island								
1984	88.3	84.7	NA	NA	99.9	91.8	89.1	84.7
1985	92.7	86.3	NA	NA	102.4	94.2	93.4	86.8
1986	66.0	54.3	NA	NA	73.5	63.1	68.1	56.5
1987	67.9	59.2	NA	NA	79.2	69.5	70.8	62.6
1988	69.6	57.6	NA	NA	84.2	70.0	74.3	62.0
1989	76.6	63.1	83.7	71.0	92.0	77.0	82.4	68.5
1990	91.7	79.9	99.7	85.3	105.5	90.2	96.1	83.7
1991	85.8	72.2	91.9	77.6	98.1	84.7	89.8	75.7
1992	78.1	65.1	85.5	71.2	92.4	77.8	83.1	68.9
1993	70.9	57.6	78.3	64.1	85.0	70.1	75.9	61.4
1994	72.3	55.1	81.5	62.7	88.5	69.2	77.8	58.9
1995	73.7	62.7	82.9	70.0	90.6	75.4	78.7	66.0
1996	80.7	70.7	88.8	76.7	96.1	81.7	84.5	73.3
1997	80.8	69.9	89.4	77.3	96.8	81.6	84.4	72.6
1998	59.8	51.4	69.4	57.6	77.5	62.0	63.8	53.9

See footnotes at end of table.

Table A1. Refiner/Reseller Motor Gasoline Prices by Grade, PAD District and State, 1984-Present

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Regular		Midgrade		Premium		All Grades	
	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale
Vermont								
1984	99.1	89.5	NA	NA	107.5	97.4	98.0	89.1
1985	99.3	91.9	NA	NA	108.5	99.0	98.4	91.5
1986	75.1	62.0	NA	NA	85.1	70.6	75.8	62.9
1987	75.6	64.3	NA	NA	88.0	75.0	77.5	66.8
1988	76.5	63.1	NA	NA	90.3	75.8	79.7	66.9
1989	85.4	71.4	89.0	75.9	99.6	84.3	89.1	75.7
1990	95.8	87.3	100.1	90.8	108.8	97.7	99.1	90.4
1991	92.6	78.8	98.8	82.3	106.2	90.5	95.9	81.7
1992	84.5	72.7	92.2	77.4	99.2	85.1	88.4	76.0
1993	78.9	66.2	87.5	71.8	95.0	78.8	83.1	69.6
1994	77.2	64.7	86.8	70.5	94.7	77.2	81.9	68.2
1995	80.1	69.0	89.5	74.3	98.1	80.9	84.7	72.0
1996	87.3	76.3	95.7	81.6	104.0	87.7	90.8	78.8
1997	85.5	75.2	94.4	81.9	102.0	86.5	88.6	77.6
1998	65.1	56.2	74.4	63.5	82.3	67.9	68.5	58.7
Subdistrict IB								
1984	92.0	84.4	NA	NA	102.7	92.6	91.6	83.6
1985	93.4	85.0	NA	NA	104.7	93.8	93.4	85.0
1986	63.6	53.1	NA	NA	76.4	62.8	65.8	55.6
1987	66.9	57.3	NA	NA	81.7	68.8	70.1	60.8
1988	66.5	55.8	NA	NA	82.6	69.4	71.0	60.4
1989	74.6	62.9	83.3	70.7	93.1	77.9	80.6	68.5
1990	88.8	78.1	96.6	84.6	102.9	89.9	93.1	82.4
1991	82.0	71.6	90.2	77.6	98.7	85.1	86.5	75.8
1992	75.8	65.9	86.0	73.5	95.0	80.0	81.4	70.7
1993	70.5	59.7	80.3	67.9	89.6	74.2	76.1	64.6
1994	69.0	57.8	79.0	66.1	87.8	72.2	74.7	62.6
1995	74.5	62.3	83.9	70.9	92.5	76.1	79.7	66.7
1996	80.6	69.1	89.1	77.7	97.8	82.1	85.1	72.9
1997	79.5	68.1	88.2	76.3	96.6	81.0	83.7	71.7
1998	60.6	50.3	69.5	59.2	78.2	63.3	65.2	54.0
Delaware								
1984	90.8	80.5	NA	NA	102.4	85.1	90.6	81.3
1985	92.7	85.6	NA	NA	104.0	91.5	92.9	86.7
1986	62.8	54.5	NA	NA	73.5	59.8	64.9	56.7
1987	65.4	56.8	NA	NA	78.3	62.8	68.2	58.9
1988	65.4	57.0	NA	NA	80.9	64.1	69.5	59.9
1989	72.4	63.7	80.4	69.5	91.2	73.4	78.7	67.9
1990	88.7	79.1	95.6	82.6	104.9	85.7	93.5	81.6
1991	80.4	71.4	89.2	74.9	99.1	82.2	85.6	74.3
1992	74.7	64.8	83.7	69.5	93.8	76.0	80.3	68.2
1993	67.6	58.7	76.1	63.8	86.1	70.7	72.9	62.1
1994	66.5	56.9	77.2	62.2	86.0	68.7	72.3	60.4
1995	74.0	64.1	84.2	69.6	93.1	76.0	79.2	67.4
1996	79.9	70.6	89.2	76.1	97.7	81.7	84.2	73.5
1997	78.5	68.8	88.3	74.7	96.5	80.5	82.7	71.6
1998	60.4	50.7	71.9	56.5	80.1	62.0	65.3	53.4
District of Columbia								
1984	W	86.5	NA	NA	W	94.4	W	89.3
1985	—	86.9	NA	NA	—	95.4	—	90.2
1986	W	59.5	NA	NA	W	68.1	W	64.2
1987	W	60.5	NA	NA	W	70.5	W	65.5
1988	W	61.5	NA	NA	W	73.9	W	67.6
1989	W	69.0	W	74.8	W	83.2	W	77.3
1990	W	81.6	W	86.7	W	93.4	W	88.2
1991	W	73.0	W	77.6	W	85.8	W	79.8
1992	W	72.3	W	78.1	W	86.4	W	80.0
1993	W	66.9	W	72.4	W	80.6	W	74.4
1994	W	65.8	W	70.6	W	78.8	W	73.1
1995	W	71.0	W	75.9	W	83.3	W	77.8
1996	W	79.5	W	83.8	W	91.2	W	85.4
1997	W	77.3	W	80.7	W	86.7	W	82.1
1998	W	62.0	W	66.7	W	70.7	W	66.9

See footnotes at end of table.

Table A1. Refiner/Reseller Motor Gasoline Prices by Grade, PAD District and State, 1984-Present

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Regular		Midgrade		Premium		All Grades	
	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale
Maryland								
1984	94.3	86.1	NA	NA	106.7	93.0	93.9	86.4
1985	92.9	86.3	NA	NA	103.4	94.0	92.7	87.1
1986	65.1	56.2	NA	NA	74.9	64.7	66.7	58.4
1987	66.6	60.1	NA	NA	77.6	69.0	69.3	62.8
1988	69.2	60.4	NA	NA	81.0	71.8	72.5	64.3
1989	77.5	66.8	83.3	73.3	93.1	80.5	82.5	72.6
1990	90.6	81.3	95.9	86.2	103.7	92.4	94.8	85.6
1991	79.8	72.2	90.1	77.1	98.0	85.1	85.2	76.6
1992	76.1	69.2	87.4	74.8	94.6	81.9	82.0	73.8
1993	69.4	62.1	79.5	68.2	85.9	74.6	74.9	66.6
1994	68.2	60.3	78.1	66.9	84.7	73.6	73.6	65.1
1995	75.3	65.0	83.7	71.2	90.3	77.2	79.9	69.2
1996	84.1	73.3	92.2	79.1	98.8	85.0	88.1	77.0
1997	81.2	70.4	89.4	76.2	95.8	81.1	85.1	73.7
1998	63.0	54.2	72.0	60.7	78.2	64.9	67.3	57.7
New Jersey								
1984	92.0	82.4	NA	NA	103.7	92.2	93.1	81.3
1985	94.9	83.9	NA	NA	107.4	93.1	96.7	83.8
1986	66.3	51.1	NA	NA	81.7	61.8	70.3	54.1
1987	68.4	55.3	NA	NA	85.2	67.5	73.3	59.0
1988	68.8	53.9	NA	NA	86.1	68.6	74.7	59.0
1989	76.4	60.1	89.6	71.4	96.5	75.3	84.7	65.5
1990	88.5	75.0	98.7	86.3	102.6	87.6	94.3	79.7
1991	81.2	70.5	90.3	78.6	98.3	84.1	87.3	74.6
1992	79.4	64.9	91.7	75.8	99.8	79.8	87.4	70.3
1993	74.5	59.3	88.7	70.4	96.8	74.0	83.0	64.7
1994	71.4	57.2	85.3	68.9	93.5	72.4	79.9	62.7
1995	76.9	61.8	89.2	73.8	97.3	75.3	84.4	66.3
1996	82.8	67.8	94.4	79.9	102.2	80.9	89.4	71.6
1997	81.5	67.0	92.4	79.2	100.5	80.6	87.5	70.7
1998	63.5	49.4	74.3	61.4	82.5	63.5	69.7	53.1
New York								
1984	93.1	86.7	NA	NA	104.2	95.0	92.3	85.9
1985	94.1	85.7	NA	NA	105.4	95.4	93.7	85.5
1986	64.4	56.5	NA	NA	75.0	66.1	66.0	58.8
1987	68.6	60.7	NA	NA	82.1	74.1	71.3	64.9
1988	68.4	59.4	NA	NA	83.6	74.1	72.6	64.7
1989	76.8	66.8	85.1	75.7	94.5	83.2	81.9	73.6
1990	89.7	80.9	98.0	87.1	104.2	93.7	93.6	85.8
1991	83.3	73.7	91.7	80.7	99.9	88.4	87.3	78.7
1992	75.6	66.7	85.9	74.9	94.7	81.8	80.6	72.2
1993	71.7	60.8	81.7	69.9	90.8	77.0	76.8	66.3
1994	69.8	58.7	79.6	67.0	88.1	74.1	74.8	63.7
1995	74.7	63.0	84.5	72.3	92.3	78.4	79.5	67.8
1996	81.1	69.9	89.2	79.5	97.7	84.5	85.1	74.3
1997	81.5	70.2	90.7	79.4	97.1	83.8	85.5	74.4
1998	62.6	51.8	72.2	61.6	79.2	65.9	66.9	56.3
Pennsylvania								
1984	90.8	83.9	NA	NA	100.3	90.8	90.1	83.1
1985	92.2	85.0	NA	NA	102.2	92.6	91.7	84.7
1986	61.6	50.9	NA	NA	74.2	58.7	63.7	52.5
1987	64.9	56.0	NA	NA	80.5	65.2	68.0	58.5
1988	63.5	53.4	NA	NA	80.1	64.7	67.9	56.8
1989	71.1	61.6	80.7	66.3	89.6	73.5	77.2	65.7
1990	87.7	77.9	95.3	81.3	101.3	87.2	91.8	80.8
1991	81.4	70.8	89.3	75.5	98.0	82.4	85.7	74.1
1992	74.9	64.8	84.2	70.4	92.6	76.8	79.9	68.3
1993	68.3	58.1	77.5	64.8	85.5	70.4	73.3	61.7
1994	67.7	56.4	77.1	63.3	85.1	68.8	73.0	60.0
1995	73.2	60.9	81.8	67.4	90.0	72.9	77.9	64.2
1996	78.8	68.0	86.8	73.7	94.9	78.7	82.8	70.7
1997	77.3	66.5	86.0	72.3	94.2	77.4	81.3	69.1
1998	58.1	48.7	66.8	55.0	75.1	58.4	62.2	51.1

See footnotes at end of table.

Table A1. Refiner/Reseller Motor Gasoline Prices by Grade, PAD District and State, 1984-Present

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Regular		Midgrade		Premium		All Grades	
	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale
Subdistrict IC								
1984	92.4	85.1	NA	NA	101.7	92.1	91.3	84.6
1985	93.4	84.8	NA	NA	103.4	92.1	92.8	84.7
1986	63.3	52.3	NA	NA	75.3	60.3	64.2	53.9
1987	66.8	57.1	NA	NA	78.9	66.1	68.7	59.4
1988	66.0	55.5	NA	NA	79.3	66.2	69.3	58.7
1989	72.7	61.8	80.2	68.4	88.4	74.3	77.8	66.4
1990	86.0	76.5	93.1	81.3	100.4	86.8	90.3	79.7
1991	76.5	68.5	85.2	73.3	93.6	79.8	81.2	71.6
1992	72.1	63.8	82.4	69.4	91.3	76.1	77.8	67.5
1993	68.5	58.1	79.6	64.8	88.9	71.3	74.7	62.3
1994	65.5	55.2	76.2	61.7	85.4	68.1	71.6	59.3
1995	69.5	58.0	79.5	64.3	88.2	70.5	75.2	61.9
1996	77.0	66.5	86.4	72.4	94.9	78.3	81.9	69.8
1997	75.8	65.0	85.6	71.1	94.1	76.6	80.7	68.2
1998	58.5	47.7	68.5	53.8	76.8	58.8	63.8	50.9
Florida								
1984	93.1	85.3	NA	NA	102.9	92.5	92.1	85.0
1985	93.6	85.3	NA	NA	102.8	93.3	93.0	85.5
1986	62.7	53.3	NA	NA	75.4	62.2	63.5	55.2
1987	67.9	57.6	NA	NA	79.3	67.8	70.3	60.4
1988	67.2	56.7	NA	NA	79.9	68.4	71.0	60.5
1989	73.5	62.4	81.2	70.3	88.8	76.5	79.4	68.1
1990	87.5	76.3	94.7	82.2	101.1	88.5	92.1	80.8
1991	77.3	67.9	85.8	72.7	93.4	80.4	82.3	72.0
1992	72.9	63.7	84.2	69.7	92.0	77.8	79.2	68.5
1993	70.4	59.6	82.6	67.3	91.3	75.8	77.1	65.3
1994	66.9	55.9	78.5	63.4	87.0	71.4	73.4	61.3
1995	71.2	58.2	81.5	65.3	89.4	72.7	76.9	63.2
1996	79.3	66.9	88.8	73.6	96.5	80.4	84.2	71.2
1997	78.2	65.9	88.5	72.9	96.0	79.3	83.2	70.0
1998	60.5	47.5	71.2	53.9	78.3	60.0	66.0	51.5
Georgia								
1984	90.8	84.3	NA	NA	98.8	92.0	89.1	84.6
1985	93.5	83.9	NA	NA	103.8	91.2	92.5	84.2
1986	62.8	51.1	NA	NA	75.7	59.1	64.2	53.1
1987	65.4	56.4	NA	NA	79.3	64.5	67.5	58.6
1988	63.6	54.0	NA	NA	78.3	63.8	67.3	57.1
1989	70.7	60.6	77.8	66.1	85.6	71.6	75.4	64.4
1990	83.9	76.5	91.3	81.1	97.7	85.6	87.9	79.3
1991	75.8	69.1	85.3	73.8	94.1	80.0	80.8	72.0
1992	70.6	63.5	81.0	69.0	90.6	75.2	76.6	66.9
1993	66.8	57.2	77.3	63.1	86.9	69.4	73.0	60.8
1994	63.1	54.0	73.3	59.8	82.8	65.4	69.1	57.5
1995	67.2	57.2	77.3	62.9	86.9	68.3	72.9	60.5
1996	74.1	65.4	83.8	70.8	93.0	76.0	79.0	68.2
1997	71.8	63.4	81.5	69.1	90.5	74.0	76.6	66.2
1998	55.3	46.9	64.9	52.6	73.5	57.5	60.3	49.8
North Carolina								
1984	91.7	84.8	NA	NA	100.2	91.3	90.4	83.9
1985	92.7	84.6	NA	NA	103.2	91.4	92.0	84.1
1986	63.4	51.5	NA	NA	74.5	58.7	64.2	52.8
1987	65.8	56.6	NA	NA	77.6	64.6	67.4	58.6
1988	65.1	54.8	NA	NA	78.2	64.2	67.9	57.5
1989	71.2	61.5	77.1	66.6	87.1	72.3	75.8	65.1
1990	85.3	75.9	91.4	80.1	99.4	84.8	89.0	78.5
1991	75.4	68.4	83.7	73.1	92.4	78.5	79.6	70.9
1992	70.9	63.5	79.9	68.9	89.0	74.2	76.0	66.5
1993	66.3	57.4	76.2	63.0	85.8	68.0	71.8	60.4
1994	64.5	54.7	74.1	60.4	83.9	65.8	70.3	58.0
1995	67.6	57.0	77.0	62.6	86.6	68.0	73.4	60.2
1996	75.2	65.6	84.1	70.9	93.4	76.2	80.3	68.5
1997	74.7	64.5	84.4	70.1	93.4	75.2	80.0	67.3
1998	57.1	47.1	67.3	53.3	76.6	57.3	63.0	50.0

See footnotes at end of table.

Table A1. Refiner/Reseller Motor Gasoline Prices by Grade, PAD District and State, 1984-Present

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Regular		Midgrade		Premium		All Grades	
	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale
South Carolina								
1984	91.2	84.6	NA	NA	101.2	91.3	89.3	83.9
1985	91.6	83.9	NA	NA	101.5	91.2	90.1	83.5
1986	61.2	50.9	NA	NA	71.8	58.4	61.4	52.3
1987	66.4	56.7	NA	NA	77.6	65.9	67.3	58.9
1988	64.2	54.4	NA	NA	77.9	65.1	66.5	57.3
1989	72.0	61.1	78.2	66.6	88.8	72.9	75.7	64.7
1990	85.2	75.7	93.0	79.7	102.9	85.4	89.6	78.2
1991	76.2	68.3	84.8	72.9	95.0	78.4	80.4	70.7
1992	70.5	63.8	81.0	68.0	90.7	73.7	75.4	66.2
1993	65.2	56.5	76.5	61.6	86.4	66.7	70.9	59.2
1994	62.8	53.9	73.9	59.3	84.0	64.9	68.7	56.9
1995	66.7	57.5	77.4	62.6	86.8	68.7	72.3	60.5
1996	73.6	65.8	84.2	71.3	93.3	76.8	78.7	68.5
1997	72.6	64.0	82.7	69.2	91.5	74.7	77.3	66.6
1998	55.5	46.3	65.7	51.5	74.5	56.4	60.7	48.9
Virginia								
1984	93.1	85.5	NA	NA	103.0	92.4	93.1	84.9
1985	93.7	85.3	NA	NA	104.5	92.5	94.6	85.2
1986	64.9	52.9	NA	NA	76.9	60.9	66.1	54.5
1987	66.8	57.3	NA	NA	78.8	66.2	68.7	59.7
1988	68.2	56.3	NA	NA	80.2	67.1	71.0	59.5
1989	74.4	62.8	82.0	69.6	90.2	75.5	79.8	67.6
1990	86.5	77.2	93.2	82.4	100.5	87.6	90.9	80.8
1991	76.0	68.3	84.6	73.4	93.1	80.0	80.9	71.8
1992	73.4	64.4	83.4	70.4	93.0	76.5	79.2	68.4
1993	69.8	58.8	80.6	65.8	89.7	71.2	76.1	63.1
1994	67.2	56.7	77.6	63.5	86.6	69.3	73.5	61.0
1995	71.8	59.7	81.7	66.1	89.7	72.2	77.4	63.8
1996	79.5	68.1	88.7	73.9	96.1	80.0	84.2	71.6
1997	78.6	66.3	88.1	72.0	96.0	77.2	83.4	69.4
1998	61.1	49.7	70.9	56.0	78.7	60.6	66.3	52.9
West Virginia								
1984	96.5	88.3	NA	NA	105.0	94.6	95.0	87.6
1985	96.5	87.3	NA	NA	106.0	93.0	95.2	86.7
1986	68.5	55.7	NA	NA	78.3	61.8	68.9	56.5
1987	69.7	59.7	NA	NA	81.7	68.0	71.6	61.7
1988	70.1	58.3	NA	NA	84.0	68.5	73.3	61.6
1989	77.4	65.9	86.0	70.8	95.6	77.5	82.4	69.8
1990	89.3	79.3	98.2	83.3	105.8	88.3	93.5	81.9
1991	82.0	71.1	91.5	77.4	99.0	82.2	86.1	73.9
1992	78.4	66.9	88.3	73.1	95.5	78.8	82.9	70.2
1993	74.7	61.5	84.7	68.2	91.4	74.0	79.2	65.0
1994	72.1	59.3	82.2	65.4	88.8	71.7	76.9	62.8
1995	75.9	61.9	84.9	68.1	92.2	73.8	80.3	65.3
1996	81.2	70.9	89.8	76.4	98.0	81.9	85.1	73.6
1997	79.9	68.9	88.8	74.3	96.8	79.8	83.6	71.3
1998	61.7	53.9	70.7	59.2	78.9	65.0	65.5	56.3
PAD District II								
1984	93.2	85.1	NA	NA	99.8	92.6	92.1	84.0
1985	93.5	85.3	NA	NA	100.3	93.2	92.5	84.4
1986	62.9	51.4	NA	NA	72.9	61.2	63.2	52.1
1987	66.6	57.4	NA	NA	78.0	67.0	67.8	58.6
1988	64.9	54.9	NA	NA	77.5	66.0	67.0	56.6
1989	72.9	62.5	79.4	69.2	86.5	73.8	75.9	64.7
1990	86.4	75.7	93.0	82.1	98.4	85.5	88.7	77.4
1991	77.9	68.7	84.3	74.0	90.7	78.6	80.4	70.4
1992	73.6	63.7	80.8	69.8	87.1	73.7	76.3	65.6
1993	70.2	58.4	77.6	65.0	83.7	68.4	73.1	60.4
1994	68.5	56.6	76.2	63.7	82.5	66.8	71.6	58.8
1995	70.9	58.5	78.7	66.0	85.2	69.1	74.0	60.7
1996	80.3	68.7	88.0	75.8	94.7	78.7	83.0	70.6
1997	78.7	66.8	86.2	73.2	93.1	76.9	81.3	68.5
1998	62.2	49.9	70.1	56.6	77.3	60.3	65.0	51.9

See footnotes at end of table.

Table A1. Refiner/Reseller Motor Gasoline Prices by Grade, PAD District and State, 1984-Present

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Regular		Midgrade		Premium		All Grades	
	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale
Illinois								
1984	90.8	84.8	NA	NA	98.5	92.8	91.0	84.1
1985	92.1	85.4	NA	NA	100.0	93.8	92.6	85.1
1986	61.3	52.6	NA	NA	74.3	62.3	62.8	53.4
1987	66.6	58.0	NA	NA	79.3	68.5	68.1	59.5
1988	65.7	56.1	NA	NA	79.0	68.7	68.5	58.4
1989	72.7	62.2	81.2	72.5	86.6	75.8	76.3	65.3
1990	85.5	75.2	92.8	83.5	97.9	86.7	88.5	77.6
1991	77.9	68.7	85.0	75.4	91.6	80.0	80.9	71.1
1992	73.8	63.1	81.6	71.3	89.1	74.8	77.1	65.9
1993	70.2	58.1	77.2	67.3	83.6	70.1	73.2	61.1
1994	69.4	56.9	76.4	67.8	83.8	69.9	72.7	60.3
1995	73.8	59.5	79.7	71.6	88.3	74.2	77.2	63.0
1996	83.6	70.5	90.7	82.8	99.5	84.0	86.8	73.8
1997	81.2	68.1	88.7	78.6	97.0	81.6	84.4	71.0
1998	65.2	51.4	71.9	60.7	81.8	65.1	68.4	54.2
Indiana								
1984	94.5	85.5	NA	NA	98.1	92.5	92.8	84.4
1985	92.7	84.8	NA	NA	97.3	92.8	91.9	83.8
1986	60.8	51.2	NA	NA	66.5	60.7	61.2	51.8
1987	64.4	56.4	NA	NA	73.9	66.5	65.4	57.6
1988	63.0	53.9	NA	NA	72.7	66.0	64.8	55.8
1989	70.5	60.8	76.8	67.6	83.7	73.4	73.8	63.5
1990	85.4	75.6	91.0	81.5	97.2	86.3	88.0	77.6
1991	78.1	68.4	84.5	73.6	90.5	78.5	80.5	70.2
1992	72.7	62.6	79.6	68.6	84.5	73.4	75.4	64.8
1993	68.9	57.5	75.9	64.5	81.1	68.0	72.0	60.0
1994	67.3	55.7	74.8	63.0	80.4	66.8	70.9	58.4
1995	70.1	58.3	77.8	65.7	83.7	69.4	73.7	61.0
1996	78.5	67.9	86.5	75.2	92.8	78.6	81.7	70.2
1997	77.9	65.7	85.4	71.6	91.6	76.6	80.8	67.8
1998	61.7	49.3	69.8	55.1	77.1	60.1	65.1	51.5
Iowa								
1984	95.9	85.0	NA	NA	97.5	92.3	94.8	84.1
1985	96.2	85.8	NA	NA	97.6	93.6	94.7	84.6
1986	63.8	51.1	NA	NA	69.5	62.6	63.4	51.8
1987	68.8	58.1	NA	NA	73.3	68.5	68.5	58.8
1988	66.6	54.8	NA	NA	75.1	66.0	66.9	55.9
1989	76.3	64.0	79.2	70.5	85.9	74.2	77.0	65.1
1990	88.3	76.2	95.2	84.3	96.2	84.7	89.1	76.8
1991	79.6	69.4	85.3	75.0	88.6	78.1	80.6	70.3
1992	74.6	64.5	80.1	70.7	84.1	72.6	75.6	65.2
1993	69.6	59.3	76.7	67.2	79.1	68.1	70.7	60.2
1994	69.3	57.4	75.0	65.0	79.4	65.8	70.3	58.3
1995	69.7	58.5	75.0	66.8	79.9	66.3	70.8	59.5
1996	80.4	69.3	84.9	75.9	89.6	76.8	81.2	70.2
1997	79.2	67.6	84.2	72.6	88.8	75.3	80.4	68.8
1998	61.0	49.8	66.8	56.4	70.5	58.4	62.2	51.4
Kansas								
1984	94.2	82.1	NA	NA	97.1	92.6	93.5	80.8
1985	95.6	82.5	NA	NA	98.3	93.1	94.7	81.1
1986	63.5	47.9	NA	NA	71.3	59.4	64.5	48.3
1987	69.2	55.3	NA	NA	75.9	64.8	69.5	55.7
1988	65.0	51.8	NA	NA	74.7	60.9	65.9	52.5
1989	72.9	60.8	78.2	68.6	82.0	69.3	74.4	61.6
1990	85.4	72.8	95.1	80.9	94.8	80.2	86.5	73.3
1991	78.3	66.8	83.7	73.4	89.4	74.7	79.8	67.7
1992	74.4	62.1	80.8	69.9	86.4	70.4	76.2	63.1
1993	70.6	57.2	77.7	66.9	83.3	66.4	72.3	58.2
1994	66.8	55.3	73.8	63.0	79.3	63.4	68.5	56.2
1995	68.5	56.7	75.1	62.9	81.6	64.2	70.2	57.5
1996	78.3	66.9	84.4	73.5	91.2	74.6	79.7	67.6
1997	77.8	65.8	84.2	72.0	90.8	73.2	79.2	66.5
1998	60.1	48.2	65.9	53.9	72.2	55.5	61.5	49.0

See footnotes at end of table.

Table A1. Refiner/Reseller Motor Gasoline Prices by Grade, PAD District and State, 1984-Present

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Regular		Midgrade		Premium		All Grades	
	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale
Kentucky								
1984	92.2	85.8	NA	NA	99.3	90.9	91.2	85.3
1985	94.0	86.2	NA	NA	100.5	91.6	92.8	85.8
1986	63.4	53.2	NA	NA	73.1	60.5	63.9	54.0
1987	67.1	58.6	NA	NA	78.6	66.3	68.2	60.0
1988	66.1	56.9	NA	NA	78.8	66.7	68.6	59.3
1989	73.6	63.5	78.4	67.1	88.6	74.8	77.2	66.5
1990	89.7	79.5	95.9	81.9	103.9	89.0	92.9	81.6
1991	79.3	70.7	85.8	74.5	93.5	81.0	82.5	73.0
1992	74.2	65.3	81.6	70.1	88.7	76.3	77.9	68.0
1993	70.6	58.9	79.9	64.0	87.2	69.9	75.1	61.8
1994	67.6	56.3	77.7	62.4	84.4	66.9	72.4	59.3
1995	72.0	59.1	81.8	65.5	88.2	69.3	76.5	61.9
1996	80.7	68.5	90.9	74.6	96.2	77.9	84.5	70.8
1997	79.6	66.7	88.8	73.2	96.9	77.2	83.5	69.2
1998	61.8	50.0	71.4	55.5	80.1	60.3	66.1	52.4
Michigan								
1984	91.8	86.1	NA	NA	99.6	93.0	91.2	85.3
1985	92.4	85.9	NA	NA	98.3	92.7	91.1	85.1
1986	62.5	52.4	NA	NA	73.2	62.8	62.6	53.2
1987	64.7	58.4	NA	NA	76.1	68.7	66.0	59.9
1988	64.3	56.8	NA	NA	75.7	68.1	66.5	58.9
1989	72.1	63.6	79.4	70.2	85.4	75.8	75.0	66.4
1990	85.5	76.3	92.3	82.1	96.4	87.1	87.7	78.3
1991	76.4	68.9	83.4	73.7	89.9	79.3	78.9	70.8
1992	71.7	64.3	79.2	69.2	86.5	74.6	74.5	66.3
1993	68.8	58.5	76.7	64.2	82.1	68.5	71.8	60.6
1994	68.0	57.3	75.5	63.4	81.1	67.4	70.9	59.5
1995	69.5	58.9	77.3	65.2	82.9	69.3	72.4	61.2
1996	79.4	69.8	87.0	76.0	93.3	79.9	81.8	71.8
1997	76.0	66.5	84.5	72.6	90.6	76.9	78.4	68.3
1998	60.4	49.9	69.9	57.0	75.3	60.6	62.9	51.9
Minnesota								
1984	94.2	86.2	NA	NA	100.5	92.7	92.4	84.7
1985	96.7	87.4	NA	NA	106.3	95.7	95.3	86.2
1986	67.2	52.4	NA	NA	72.4	60.9	66.7	52.9
1987	69.9	59.4	NA	NA	76.9	67.2	69.8	60.1
1988	69.0	56.4	NA	NA	78.1	65.1	70.0	57.4
1989	79.1	65.8	84.8	74.7	89.9	74.8	80.8	67.0
1990	89.8	76.4	98.0	81.7	99.7	83.6	91.3	77.1
1991	81.9	70.8	88.8	75.7	90.7	79.1	83.5	71.8
1992	78.5	66.2	85.7	73.3	88.0	74.3	80.2	67.3
1993	78.2	62.2	83.8	68.1	90.4	70.6	80.3	63.4
1994	75.9	60.4	80.9	65.6	89.1	68.5	77.7	61.6
1995	76.9	61.5	83.4	68.0	89.3	69.5	78.6	62.6
1996	87.8	71.5	94.4	78.7	100.2	79.7	89.3	72.6
1997	88.8	70.7	94.1	74.4	100.6	78.2	90.2	71.6
1998	70.7	54.8	75.2	57.4	81.7	62.0	72.2	55.9
Missouri								
1984	92.8	85.0	NA	NA	104.0	91.8	91.2	83.6
1985	92.6	85.3	NA	NA	102.3	92.2	90.8	84.1
1986	61.8	50.7	NA	NA	71.3	59.4	61.7	51.2
1987	67.3	57.3	NA	NA	77.1	66.0	67.9	58.0
1988	63.2	54.0	NA	NA	75.8	64.0	65.1	55.4
1989	70.5	61.9	79.0	68.8	84.8	71.9	73.5	63.9
1990	85.2	75.9	94.7	82.0	97.5	83.6	87.9	77.0
1991	75.8	68.5	82.5	73.2	89.3	77.0	78.6	69.9
1992	70.6	63.7	78.6	69.6	84.8	72.3	73.7	65.3
1993	66.9	58.3	75.6	65.4	81.5	67.2	70.0	60.1
1994	65.4	56.1	74.2	63.7	81.3	65.4	68.4	57.9
1995	67.4	57.7	75.5	64.5	83.7	66.6	70.3	59.4
1996	77.6	68.3	86.5	75.9	94.9	77.1	80.3	69.8
1997	76.5	67.4	84.8	75.0	92.9	77.0	78.7	68.9
1998	58.0	50.3	66.3	56.3	74.4	60.3	60.5	51.9

See footnotes at end of table.

Table A1. Refiner/Reseller Motor Gasoline Prices by Grade, PAD District and State, 1984-Present

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Regular		Midgrade		Premium		All Grades	
	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale
Nebraska								
1984	96.2	84.8	NA	NA	101.1	92.9	95.7	84.5
1985	98.4	86.0	NA	NA	100.5	93.4	96.8	85.2
1986	67.3	52.2	NA	NA	70.3	61.0	66.8	52.4
1987	69.0	56.9	NA	NA	72.5	67.8	68.9	57.5
1988	65.5	53.8	NA	NA	70.5	64.5	65.6	54.5
1989	77.0	63.5	W	W	83.7	73.3	77.8	64.2
1990	89.1	75.8	97.7	80.7	95.1	83.3	89.5	75.9
1991	79.6	69.3	85.3	75.5	88.6	77.0	81.1	70.0
1992	76.0	65.3	81.8	72.9	85.8	73.5	77.6	66.1
1993	74.1	59.7	80.4	67.4	83.2	68.3	75.5	60.5
1994	71.6	57.8	77.3	65.3	82.0	66.4	72.9	58.6
1995	71.3	59.1	76.0	63.7	82.2	66.9	72.5	59.8
1996	80.3	69.2	85.5	74.0	89.9	77.1	81.3	69.9
1997	79.8	67.6	84.1	73.0	92.5	76.0	81.1	68.7
1998	61.9	49.6	67.4	56.8	74.5	58.5	63.6	51.1
North Dakota								
1984	100.8	86.2	NA	NA	W	96.6	98.2	84.2
1985	102.0	86.1	NA	NA	96.2	98.2	99.3	84.4
1986	68.6	52.7	NA	NA	79.5	67.4	69.3	52.7
1987	72.5	60.4	NA	NA	78.3	70.7	72.9	61.5
1988	70.8	56.4	NA	NA	79.1	66.2	71.0	57.6
1989	84.0	66.5	93.0	W	93.2	72.7	84.5	67.3
1990	97.8	76.6	107.1	W	103.7	77.4	97.8	76.7
1991	87.4	71.5	93.2	78.6	91.5	80.9	88.0	72.1
1992	83.8	67.4	90.6	76.4	91.8	77.4	84.6	68.1
1993	83.1	62.4	90.8	74.2	92.3	71.9	84.1	63.3
1994	80.7	60.2	86.6	67.3	88.7	70.4	81.5	61.1
1995	81.5	61.3	84.3	68.3	87.8	71.6	82.0	62.2
1996	89.5	71.7	93.5	77.7	96.0	81.6	90.1	72.5
1997	88.9	69.7	95.9	75.9	95.6	79.1	89.9	70.4
1998	71.1	51.0	77.9	58.3	77.3	60.6	72.1	52.0
Ohio								
1984	92.9	85.4	NA	NA	101.5	92.9	91.6	84.7
1985	93.2	84.8	NA	NA	103.5	92.5	92.2	84.2
1986	63.0	51.6	NA	NA	77.5	61.2	64.1	52.9
1987	66.9	57.6	NA	NA	83.0	67.8	69.3	59.5
1988	65.0	55.3	NA	NA	82.8	67.0	68.1	57.9
1989	72.4	62.4	80.0	69.4	90.7	74.7	76.7	65.5
1990	85.6	76.1	92.5	81.1	101.3	85.8	88.8	78.0
1991	77.7	68.0	84.7	73.8	92.0	78.3	80.6	70.0
1992	73.6	64.2	81.2	70.4	88.2	74.8	76.8	66.4
1993	69.5	59.0	77.5	65.5	84.1	69.6	73.0	61.3
1994	68.5	56.9	77.0	64.5	83.3	68.7	72.3	59.6
1995	69.9	58.7	79.0	65.8	85.4	70.5	73.7	61.3
1996	78.5	68.4	86.9	74.5	93.8	79.3	81.6	70.6
1997	77.1	66.2	85.1	72.2	92.5	77.6	80.2	68.4
1998	63.4	50.8	72.1	57.3	79.8	62.8	66.8	53.2
Oklahoma								
1984	93.8	83.7	NA	NA	100.7	88.9	92.2	81.6
1985	94.5	84.5	NA	NA	100.9	90.1	92.8	82.3
1986	60.4	49.6	NA	NA	67.0	55.1	60.4	49.7
1987	66.2	54.7	NA	NA	74.2	61.2	66.7	55.2
1988	64.8	51.4	NA	NA	72.6	58.5	65.6	52.4
1989	71.7	60.4	77.1	62.9	80.3	68.3	73.2	61.4
1990	84.5	72.6	90.9	86.4	93.0	80.7	85.9	73.4
1991	76.2	66.8	80.7	71.0	85.8	74.7	78.1	67.8
1992	70.6	60.9	77.0	67.1	81.9	69.3	72.9	62.0
1993	66.7	55.9	73.9	62.7	79.3	63.4	69.3	56.9
1994	63.5	53.6	70.8	61.2	76.3	61.6	66.1	54.7
1995	65.4	55.0	71.7	63.2	77.8	63.7	67.8	56.0
1996	74.8	64.5	80.5	72.8	86.7	72.9	76.9	65.5
1997	74.3	63.6	80.5	70.7	86.3	71.5	76.5	64.4
1998	57.8	46.4	63.8	53.6	69.8	53.5	60.3	47.2

See footnotes at end of table.

Table A1. Refiner/Reseller Motor Gasoline Prices by Grade, PAD District and State, 1984-Present

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Regular		Midgrade		Premium		All Grades	
	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale
South Dakota								
1984	101.2	85.6	NA	NA	101.4	93.4	98.0	83.7
1985	99.4	86.4	NA	NA	102.2	94.2	96.4	84.4
1986	66.6	52.1	NA	NA	76.6	59.1	66.8	52.5
1987	70.0	58.5	NA	NA	76.9	70.3	70.1	59.4
1988	67.8	55.8	NA	NA	79.2	66.8	68.0	56.6
1989	83.5	65.2	—	W	94.7	76.6	83.7	66.0
1990	93.2	77.2	112.3	88.5	99.4	85.4	93.5	77.6
1991	84.2	70.3	89.6	75.6	94.6	79.1	85.1	70.9
1992	82.0	67.3	81.9	72.0	94.3	76.4	82.9	68.0
1993	79.2	62.8	82.4	71.8	90.5	73.0	80.2	63.8
1994	75.4	60.2	81.3	65.6	88.3	69.9	77.2	61.1
1995	77.2	61.2	87.0	67.5	92.0	70.3	79.5	62.2
1996	86.1	71.8	92.7	77.0	98.9	80.4	87.4	72.6
1997	86.2	70.2	89.4	73.4	98.5	79.1	87.3	70.9
1998	69.7	51.9	71.3	55.9	83.1	60.5	70.6	52.8
Tennessee								
1984	93.0	85.4	NA	NA	102.5	93.6	90.8	84.8
1985	92.3	85.4	NA	NA	101.7	94.8	90.3	85.3
1986	63.7	51.1	NA	NA	74.5	62.0	63.1	53.0
1987	65.2	56.7	NA	NA	76.4	65.5	66.1	58.3
1988	64.6	54.1	NA	NA	77.6	64.2	67.0	56.7
1989	70.9	60.1	78.5	65.6	86.9	71.4	75.3	63.5
1990	85.3	77.3	93.6	82.2	101.0	86.9	89.4	79.9
1991	74.1	68.7	83.3	73.4	91.3	79.3	78.7	71.3
1992	70.9	63.1	81.3	68.4	89.4	74.1	76.4	66.2
1993	67.2	56.6	77.5	62.5	86.2	67.8	72.9	60.0
1994	64.6	53.9	75.1	59.8	83.7	64.9	70.7	57.4
1995	68.1	56.9	78.9	62.7	87.1	67.8	74.2	60.3
1996	76.7	65.9	87.1	71.3	95.0	76.5	82.1	68.9
1997	75.1	64.5	85.2	70.5	93.5	75.3	80.2	67.5
1998	57.2	47.3	66.9	53.4	75.8	57.6	62.4	50.3
Wisconsin								
1984	94.3	85.1	NA	NA	101.9	92.3	92.6	83.9
1985	94.1	85.1	NA	NA	101.4	91.8	92.6	83.9
1986	62.8	50.3	NA	NA	70.7	58.3	62.8	50.9
1987	67.2	57.5	NA	NA	75.9	66.1	67.9	58.4
1988	64.4	55.5	NA	NA	74.3	65.3	66.1	57.0
1989	72.5	63.0	78.0	70.2	84.7	74.0	75.1	65.0
1990	86.4	75.7	95.9	80.9	97.2	84.9	88.4	77.1
1991	79.6	69.0	84.3	72.6	91.1	78.0	81.5	70.3
1992	75.4	63.4	82.4	68.9	87.2	72.4	77.4	64.9
1993	70.4	58.2	77.9	64.1	83.3	67.4	72.7	59.8
1994	70.0	57.3	77.8	63.1	83.6	66.7	72.5	59.0
1995	73.5	59.9	80.9	65.4	85.9	69.5	75.9	61.6
1996	83.0	70.4	90.5	75.9	95.5	79.2	85.0	71.8
1997	80.0	67.3	87.5	73.2	91.7	76.5	81.8	68.6
1998	63.5	50.3	71.1	57.0	76.4	60.2	65.5	51.8
PAD District III								
1984	93.1	83.0	NA	NA	103.9	90.7	92.2	81.7
1985	91.9	82.5	NA	NA	102.6	90.0	91.5	81.2
1986	62.2	49.1	NA	NA	73.0	56.7	63.1	49.9
1987	65.9	54.2	NA	NA	76.0	62.8	67.1	56.0
1988	65.5	51.2	NA	NA	77.1	62.3	67.6	53.8
1989	72.5	59.1	77.6	65.3	85.3	69.9	75.9	61.7
1990	87.2	73.2	92.6	80.0	99.1	83.9	90.2	75.3
1991	78.9	66.7	86.0	72.8	93.0	76.8	82.3	68.6
1992	74.0	61.6	82.8	68.5	90.2	72.3	78.3	63.9
1993	70.5	56.1	79.7	62.7	87.8	66.2	75.2	58.4
1994	67.6	53.0	77.0	60.2	85.1	63.6	72.4	55.5
1995	71.7	55.9	80.7	63.7	88.9	66.6	76.3	58.5
1996	78.7	64.1	87.2	71.5	95.3	74.6	82.7	66.3
1997	76.7	63.0	86.1	70.1	93.8	73.2	80.7	65.0
1998	59.2	46.0	69.7	52.8	76.7	55.7	63.6	47.8

See footnotes at end of table.

Table A1. Refiner/Reseller Motor Gasoline Prices by Grade, PAD District and State, 1984-Present

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Regular		Midgrade		Premium		All Grades	
	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale
Alabama								
1984	93.8	85.1	NA	NA	104.2	93.0	91.4	84.5
1985	95.4	84.7	NA	NA	103.8	91.8	93.4	83.9
1986	66.5	51.6	NA	NA	76.7	58.9	66.4	53.1
1987	68.1	55.7	NA	NA	76.8	64.3	68.1	58.0
1988	66.1	53.1	NA	NA	76.3	64.1	67.5	56.2
1989	77.6	61.8	81.2	68.6	91.2	72.8	80.9	64.9
1990	89.0	76.0	94.0	81.8	103.8	86.5	92.8	78.8
1991	79.0	68.7	86.1	73.8	94.6	79.6	82.6	71.3
1992	74.7	63.8	83.2	69.5	91.9	75.5	79.1	67.0
1993	70.4	57.3	79.1	63.2	88.3	68.7	75.6	60.6
1994	67.4	54.6	76.3	60.6	85.3	66.1	72.7	58.1
1995	72.0	57.8	80.9	64.2	89.6	69.1	77.2	61.3
1996	78.3	66.4	87.0	72.7	95.9	77.3	83.1	69.5
1997	78.8	64.6	88.0	70.3	96.6	75.7	83.4	67.6
1998	61.8	47.9	70.3	53.7	78.3	58.9	66.3	51.0
Arkansas								
1984	92.7	84.3	NA	NA	99.5	89.9	89.3	82.8
1985	92.6	84.8	NA	NA	100.0	90.2	89.1	83.1
1986	61.6	51.1	NA	NA	69.8	59.0	60.9	52.1
1987	66.4	56.0	NA	NA	75.5	63.6	66.1	57.3
1988	64.0	53.2	NA	NA	74.4	62.5	65.1	55.4
1989	71.3	61.1	76.4	62.7	83.4	71.4	73.8	63.6
1990	85.3	75.3	89.6	78.8	96.4	83.2	87.4	76.9
1991	76.4	67.7	83.4	71.8	90.7	76.4	79.0	69.5
1992	71.6	62.2	79.4	66.6	86.8	71.4	74.9	64.2
1993	69.4	56.4	78.6	61.0	86.8	65.3	73.1	58.5
1994	66.3	53.6	76.0	58.4	83.1	62.6	70.2	55.8
1995	68.3	56.4	77.6	61.9	85.0	66.0	72.2	58.7
1996	75.9	65.7	84.5	70.7	91.9	75.4	79.2	67.7
1997	75.4	64.3	84.4	68.9	92.1	73.6	78.5	66.2
1998	58.2	47.3	67.7	51.6	75.4	56.5	61.6	49.3
Louisiana								
1984	92.9	83.4	NA	NA	107.8	93.0	93.8	84.1
1985	91.2	82.4	NA	NA	104.2	91.9	92.2	83.2
1986	62.4	49.7	NA	NA	73.6	58.3	63.7	51.1
1987	62.9	54.4	NA	NA	74.2	63.5	65.0	56.6
1988	63.7	51.7	NA	NA	76.4	63.7	66.6	55.2
1989	70.5	58.9	75.3	65.4	82.8	70.1	74.3	62.5
1990	85.9	75.7	91.3	81.1	97.0	83.2	89.2	77.8
1991	78.1	66.8	86.5	73.5	93.3	77.7	82.4	69.4
1992	73.5	61.9	83.0	69.5	90.0	74.4	78.6	65.3
1993	70.3	55.6	81.0	64.1	89.2	67.8	76.3	59.0
1994	66.3	52.1	77.3	60.6	85.5	63.7	72.3	55.6
1995	69.5	55.0	79.9	63.2	87.7	66.0	75.2	58.5
1996	75.7	63.2	85.9	70.2	93.6	74.2	80.9	66.2
1997	76.4	63.2	86.5	70.4	94.7	72.1	81.5	65.8
1998	59.9	45.5	70.8	53.6	78.7	53.7	65.3	48.0
Mississippi								
1984	95.2	83.5	NA	NA	103.0	90.8	93.2	82.5
1985	95.0	82.7	NA	NA	103.4	90.0	93.4	82.2
1986	67.2	49.6	NA	NA	76.8	56.6	66.8	50.7
1987	69.5	54.3	NA	NA	77.8	62.8	69.8	56.1
1988	67.9	50.8	NA	NA	78.8	63.0	69.9	53.7
1989	74.9	59.4	82.5	66.1	91.4	70.0	79.7	62.4
1990	88.5	74.9	95.7	80.7	104.1	84.8	92.2	77.3
1991	77.9	67.3	85.6	72.1	92.8	76.5	81.5	69.3
1992	72.8	61.0	80.9	67.2	88.4	72.0	77.0	63.3
1993	68.9	55.4	78.1	60.5	86.5	62.9	73.8	57.4
1994	66.9	52.2	75.8	58.9	83.9	61.6	71.7	54.9
1995	72.7	55.4	82.0	61.8	90.9	66.1	77.7	58.1
1996	80.3	63.9	89.7	70.1	97.9	74.2	84.7	66.4
1997	79.3	63.2	88.4	69.9	97.4	73.6	83.7	65.5
1998	62.3	46.9	71.4	54.0	79.8	56.5	66.9	49.2

See footnotes at end of table.

Table A1. Refiner/Reseller Motor Gasoline Prices by Grade, PAD District and State, 1984-Present

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Regular		Midgrade		Premium		All Grades	
	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale
New Mexico								
1984	96.7	87.5	NA	NA	103.5	95.6	95.1	85.6
1985	97.6	88.8	NA	NA	105.4	95.9	95.6	87.1
1986	68.8	57.2	NA	NA	75.7	62.7	67.7	57.0
1987	75.3	63.8	NA	NA	82.1	70.9	74.6	64.0
1988	71.9	59.1	NA	NA	81.3	67.2	71.8	59.6
1989	80.5	68.7	W	W	90.1	77.1	80.8	69.5
1990	92.5	79.3	99.4	94.5	102.5	85.5	93.1	79.9
1991	81.2	69.0	85.7	74.0	92.9	77.7	82.3	70.0
1992	82.2	68.2	88.6	71.8	94.5	77.5	83.5	69.3
1993	83.1	67.4	88.9	73.5	96.1	76.7	84.8	68.7
1994	75.4	61.7	81.5	67.9	89.4	71.0	77.4	63.0
1995	78.0	62.6	85.7	69.3	92.1	72.0	80.3	64.1
1996	87.2	73.2	95.6	78.7	101.8	82.4	89.8	74.7
1997	85.6	71.5	93.9	76.0	100.3	80.9	88.1	73.0
1998	67.5	52.1	76.3	57.2	83.2	61.5	70.3	53.8
Texas								
1984	92.6	82.1	NA	NA	103.0	88.9	91.9	80.3
1985	91.0	81.4	NA	NA	102.1	88.4	90.9	79.7
1986	60.8	47.8	NA	NA	72.0	55.2	62.0	48.5
1987	65.1	53.4	NA	NA	75.9	61.8	66.6	54.9
1988	65.1	50.3	NA	NA	77.2	61.1	67.3	52.6
1989	70.9	58.0	76.7	64.3	84.0	68.6	74.7	60.3
1990	86.6	71.8	92.4	79.3	98.0	83.4	89.7	73.8
1991	79.2	66.1	86.2	72.7	92.9	75.8	82.8	67.8
1992	73.6	60.9	83.1	68.4	90.4	70.9	78.3	63.0
1993	69.7	55.4	79.7	62.7	87.3	65.5	74.5	57.5
1994	67.3	52.5	77.2	60.3	85.0	63.3	72.2	54.8
1995	71.6	55.5	80.8	63.9	88.9	66.2	76.2	57.8
1996	78.5	63.3	86.9	71.4	95.1	73.7	82.5	65.3
1997	75.4	62.1	84.8	69.9	92.3	72.2	79.3	63.8
1998	57.6	45.3	68.6	52.0	75.3	54.7	62.0	46.7
PAD District IV								
1984	92.9	84.4	NA	NA	96.9	91.1	91.5	82.6
1985	95.0	84.7	NA	NA	99.1	92.2	93.2	83.0
1986	64.6	52.3	NA	NA	71.1	58.5	63.6	52.6
1987	69.5	58.7	NA	NA	77.5	66.2	68.9	59.3
1988	67.0	56.5	NA	NA	75.9	64.1	67.5	57.6
1989	76.0	65.0	73.9	68.9	84.6	72.6	77.1	66.2
1990	87.6	76.3	91.2	86.6	95.3	82.1	88.7	77.0
1991	78.4	68.6	80.8	72.4	88.0	76.0	80.2	69.7
1992	81.0	70.2	85.6	74.9	91.9	77.7	83.2	71.6
1993	77.6	64.9	85.3	69.1	90.6	73.1	80.4	66.5
1994	76.1	63.2	85.8	68.0	91.3	72.3	79.6	65.1
1995	76.9	63.8	86.1	69.5	92.2	73.5	80.6	66.1
1996	86.6	74.2	95.5	79.4	102.3	83.5	90.2	76.3
1997	87.2	74.0	96.7	79.7	103.8	84.2	91.0	76.3
1998	69.1	55.4	78.2	60.8	86.7	65.2	73.3	57.7
Colorado								
1984	91.7	83.3	NA	NA	96.9	91.6	90.7	81.6
1985	96.5	85.1	NA	NA	99.0	93.2	94.3	83.5
1986	64.1	50.8	NA	NA	70.1	57.3	62.2	51.2
1987	70.0	58.1	NA	NA	78.2	65.6	68.8	58.8
1988	65.3	55.5	NA	NA	74.9	63.4	65.7	56.7
1989	74.2	62.9	73.2	68.6	84.0	71.7	75.5	64.5
1990	86.1	76.4	89.7	84.8	95.1	82.9	87.4	77.3
1991	78.0	69.1	81.3	72.2	88.2	76.2	80.1	70.4
1992	80.8	69.6	87.1	74.8	93.7	77.3	83.7	71.4
1993	78.9	63.1	87.8	68.6	96.3	71.6	82.6	64.9
1994	77.8	61.3	89.0	68.2	97.4	70.7	82.2	63.4
1995	77.6	61.3	89.2	68.4	96.2	70.9	82.1	63.6
1996	86.5	71.1	97.5	78.1	105.5	80.5	91.0	73.3
1997	86.5	70.3	98.0	76.0	104.9	79.7	90.8	72.4
1998	68.7	52.0	79.8	57.2	88.9	61.0	73.6	54.1

See footnotes at end of table.

Table A1. Refiner/Reseller Motor Gasoline Prices by Grade, PAD District and State, 1984-Present

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Regular		Midgrade		Premium		All Grades	
	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale
Idaho								
1984	96.7	87.8	NA	NA	104.8	93.3	94.5	85.5
1985	95.8	85.8	NA	NA	107.6	91.9	93.5	83.7
1986	67.6	55.8	NA	NA	84.6	63.9	67.3	55.5
1987	69.5	60.2	NA	NA	81.5	69.6	69.5	60.5
1988	69.3	58.1	NA	NA	81.2	67.1	70.0	58.7
1989	78.2	66.1	W	—	88.2	74.2	78.9	66.7
1990	90.9	75.8	114.0	W	98.8	82.3	91.2	76.1
1991	77.8	67.6	80.5	W	88.1	75.7	78.5	68.3
1992	80.9	72.0	79.4	78.2	90.5	80.6	81.8	72.9
1993	74.9	67.0	86.3	72.0	83.6	75.6	76.0	68.2
1994	74.1	65.2	80.5	67.2	86.1	74.7	75.8	66.8
1995	75.9	65.1	83.1	69.8	87.4	75.0	78.0	67.3
1996	87.1	76.2	94.3	80.0	97.4	84.7	88.9	77.8
1997	88.4	77.9	96.4	82.7	102.5	88.2	90.7	79.6
1998	71.1	58.6	79.8	63.7	87.3	68.9	73.9	60.4
Montana								
1984	94.5	83.4	NA	NA	101.9	89.0	92.1	81.3
1985	94.5	83.7	NA	NA	99.8	90.8	92.3	81.4
1986	64.9	52.4	NA	NA	65.6	56.3	64.9	52.4
1987	69.6	59.4	NA	NA	74.7	64.8	70.0	59.5
1988	69.6	57.2	NA	NA	74.1	63.3	70.1	57.9
1989	80.5	67.2	W	—	86.3	72.9	81.3	68.0
1990	92.2	78.3	—	W	96.5	82.7	92.5	78.8
1991	83.9	69.5	—	W	90.7	76.2	85.0	70.5
1992	85.8	70.8	W	—	92.3	77.8	86.9	71.9
1993	82.8	67.3	85.2	NA	92.1	75.4	84.1	68.5
1994	81.0	67.1	80.1	W	90.9	76.0	82.6	68.5
1995	77.9	66.9	82.6	72.0	87.1	76.4	79.9	69.0
1996	89.8	77.9	95.7	81.9	98.9	88.4	91.7	79.9
1997	89.7	74.9	95.4	79.9	100.3	86.6	91.7	77.4
1998	72.6	57.7	78.2	62.5	84.4	69.1	75.0	60.0
Utah								
1984	91.7	83.7	NA	NA	95.5	88.8	90.2	82.3
1985	91.3	83.3	NA	NA	98.5	89.9	89.8	81.9
1986	63.4	52.4	NA	NA	69.5	59.7	62.8	52.7
1987	67.0	58.2	NA	NA	74.7	66.4	66.9	58.9
1988	68.8	56.4	NA	NA	77.2	64.2	68.9	57.4
1989	75.2	65.2	W	W	82.6	72.4	76.1	66.3
1990	86.8	74.3	99.3	92.7	92.8	79.9	87.6	75.0
1991	75.8	67.2	78.9	72.4	85.3	75.1	77.6	68.5
1992	77.3	68.8	80.5	74.9	86.8	76.5	79.5	70.3
1993	73.1	64.3	77.6	69.5	84.1	72.5	75.9	66.2
1994	70.0	61.9	76.8	68.0	83.5	70.9	73.6	64.4
1995	73.5	64.7	81.2	70.2	88.0	73.9	77.6	67.6
1996	84.0	74.9	91.7	79.9	99.2	83.3	88.0	77.3
1997	86.4	76.5	94.2	81.9	103.1	85.7	90.7	79.3
1998	66.1	56.4	74.6	62.8	83.2	66.2	70.9	59.5
Wyoming								
1984	99.8	86.2	NA	NA	111.9	93.4	97.7	84.0
1985	97.1	86.6	NA	NA	105.7	94.7	95.6	84.6
1986	69.1	53.5	NA	NA	82.7	61.1	70.0	53.8
1987	71.7	59.1	NA	NA	80.3	67.7	72.0	59.6
1988	70.9	57.3	NA	NA	78.8	65.7	71.1	58.4
1989	83.5	66.4	—	W	90.7	74.2	84.2	67.4
1990	93.5	79.1	W	91.9	101.3	85.0	94.4	79.8
1991	85.8	70.7	W	74.7	94.6	78.0	86.9	71.8
1992	88.3	71.2	89.9	75.3	97.8	79.2	89.5	72.3
1993	82.1	65.4	84.4	68.5	91.9	73.5	83.5	66.8
1994	80.7	63.7	88.3	71.7	92.6	73.1	82.8	65.3
1995	82.2	63.3	89.0	70.1	94.4	72.8	84.7	65.1
1996	90.4	74.3	98.0	80.7	102.3	83.5	92.8	76.0
1997	90.7	73.4	98.5	81.9	103.6	83.8	93.4	75.4
1998	73.5	54.7	81.1	62.4	86.1	65.0	76.6	56.8

See footnotes at end of table.

Table A1. Refiner/Reseller Motor Gasoline Prices by Grade, PAD District and State, 1984-Present

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Regular		Midgrade		Premium		All Grades	
	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale
PAD District V								
1984	95.3	86.5	NA	NA	106.4	93.5	92.5	85.2
1985	93.4	86.3	NA	NA	105.4	93.2	91.3	85.2
1986	67.7	59.9	NA	NA	78.6	65.9	67.0	59.2
1987	67.6	60.0	NA	NA	80.0	70.0	68.3	61.3
1988	68.1	58.8	NA	NA	81.6	70.8	69.5	61.0
1989	76.5	65.0	W	W	90.1	77.3	78.2	67.7
1990	88.9	78.3	88.8	79.4	101.0	90.4	90.4	80.7
1991	75.1	64.5	72.7	64.9	87.6	76.3	76.9	66.8
1992	82.9	70.4	86.8	77.4	98.4	85.2	85.4	73.8
1993	80.0	67.1	86.5	74.5	97.5	82.1	83.0	70.4
1994	76.1	62.9	84.4	70.9	94.6	78.4	79.8	66.4
1995	78.8	65.4	82.7	72.1	95.4	80.3	81.9	68.9
1996	90.3	76.0	95.6	82.3	106.1	88.9	93.1	78.8
1997	89.3	76.0	97.5	84.2	107.5	90.2	92.9	79.0
1998	70.6	58.7	79.5	67.1	89.4	72.5	74.6	61.8
Alaska								
1984	96.7	88.0	NA	NA	W	93.5	92.9	85.8
1985	103.5	90.7	NA	NA	W	96.7	100.9	88.8
1986	97.7	68.6	NA	NA	92.1	71.3	98.2	67.5
1987	92.5	65.0	NA	NA	98.3	76.5	96.1	66.3
1988	92.0	69.7	NA	NA	101.3	79.7	94.9	70.8
1989	96.4	80.0	—	W	101.7	91.3	97.8	81.3
1990	114.1	94.1	—	W	117.5	103.7	114.8	94.9
1991	104.1	75.1	W	128.6	103.8	85.8	103.9	76.6
1992	111.9	80.8	—	—	111.8	89.4	111.2	81.8
1993	105.8	78.7	—	W	109.9	88.0	106.0	79.7
1994	109.1	76.4	NA	86.2	111.2	86.3	109.8	77.5
1995	113.7	80.1	104.3	93.9	117.2	92.3	113.1	81.8
1996	120.5	88.1	111.2	103.7	128.2	102.5	120.2	90.0
1997	116.2	89.3	116.3	101.7	128.8	101.9	117.6	90.8
1998	96.3	74.0	106.2	85.1	111.6	86.1	99.0	75.5
Arizona								
1984	95.9	85.3	NA	NA	108.2	91.0	92.6	83.5
1985	95.4	87.0	NA	NA	107.0	92.9	92.7	85.5
1986	69.3	58.6	NA	NA	79.9	63.3	68.1	57.6
1987	71.4	62.0	NA	NA	83.5	70.4	71.9	62.7
1988	66.0	55.7	NA	NA	82.1	65.2	67.5	57.1
1989	75.8	64.8	84.6	—	90.5	75.4	77.1	66.4
1990	89.1	80.6	W	75.5	99.7	91.3	90.1	81.8
1991	76.1	67.1	77.3	68.4	88.3	76.7	77.4	68.3
1992	82.0	72.3	85.4	77.3	97.7	84.5	83.4	73.8
1993	84.3	72.7	90.7	73.7	100.2	85.5	86.0	74.6
1994	79.6	66.4	89.7	70.7	96.8	79.5	82.6	68.6
1995	80.2	67.7	87.5	73.2	97.0	81.0	83.3	70.2
1996	93.7	77.8	100.0	85.6	109.3	91.1	96.5	80.3
1997	93.6	76.1	101.8	85.3	111.5	90.1	96.8	78.5
1998	70.7	57.3	79.9	65.5	90.1	71.1	74.5	60.0
California								
1984	95.3	86.5	NA	NA	106.6	93.6	92.6	85.5
1985	92.4	86.1	NA	NA	105.3	93.0	90.6	85.2
1986	66.8	59.5	NA	NA	78.8	65.7	66.8	59.1
1987	67.7	60.3	NA	NA	80.4	70.1	68.9	61.9
1988	69.1	59.2	NA	NA	82.3	71.4	70.8	61.8
1989	76.3	64.5	W	W	89.9	77.2	78.3	67.6
1990	87.9	77.6	NA	78.0	100.6	90.0	89.8	80.3
1991	71.8	63.1	69.9	62.6	84.9	74.8	74.0	65.6
1992	81.3	69.6	86.5	77.3	97.4	84.9	85.0	73.6
1993	77.0	66.3	85.6	74.2	95.6	81.5	81.3	70.1
1994	71.8	61.8	83.0	70.5	91.7	77.5	76.5	65.7
1995	74.3	64.2	80.3	71.4	92.1	79.2	78.5	68.1
1996	86.0	75.1	92.4	81.1	102.1	87.7	89.4	78.0
1997	86.8	76.1	95.8	84.4	105.2	90.4	90.9	79.4
1998	69.4	59.1	78.4	67.4	87.6	73.1	73.8	62.5

See footnotes at end of table.

Table A1. Refiner/Reseller Motor Gasoline Prices by Grade, PAD District and State, 1984-Present

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Regular		Midgrade		Premium		All Grades	
	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale	Through Retail Outlets	Sales for Resale
Hawaii								
1984	107.2	93.6	NA	NA	115.5	97.9	106.3	94.1
1985	108.9	94.3	NA	NA	122.1	97.8	106.9	94.5
1986	87.9	72.8	NA	NA	101.4	78.8	85.0	73.7
1987	86.8	75.8	NA	NA	102.2	84.0	87.7	78.2
1988	86.6	78.3	NA	NA	101.1	87.4	89.5	81.7
1989	94.3	81.6	96.2	80.8	110.2	93.5	98.6	86.6
1990	101.4	91.3	111.5	96.8	118.6	103.4	107.2	96.4
1991	96.3	81.7	110.9	89.4	113.6	97.2	102.6	87.4
1992	100.9	87.3	113.6	94.9	118.3	102.2	107.2	93.0
1993	107.0	91.3	111.7	97.5	124.1	104.6	112.0	96.6
1994	102.9	84.9	107.2	94.4	121.1	100.5	108.0	91.1
1995	101.0	91.4	107.6	98.8	118.3	104.9	106.1	96.7
1996	110.3	98.7	116.2	106.7	126.0	112.7	114.7	103.7
1997	110.3	97.7	116.4	106.2	126.5	111.7	114.8	102.5
1998	106.7	93.5	113.0	99.5	122.7	105.6	111.2	97.5
Nevada								
1984	93.1	85.9	NA	NA	100.5	92.8	89.9	84.3
1985	92.5	86.7	NA	NA	101.8	93.7	89.1	85.0
1986	67.6	58.5	NA	NA	77.0	64.8	66.1	57.4
1987	61.0	56.3	NA	NA	71.0	64.4	61.3	57.2
1988	65.0	56.3	NA	NA	76.8	67.6	65.7	57.9
1989	75.6	64.4	W	W	88.4	75.2	76.8	66.1
1990	88.7	78.8	W	98.9	101.2	88.2	90.2	79.9
1991	80.0	66.7	85.1	65.4	92.6	78.3	81.6	68.4
1992	84.3	69.6	83.5	73.1	99.3	82.0	86.5	71.9
1993	81.5	65.1	86.1	71.5	99.0	78.5	84.7	67.6
1994	80.8	63.2	87.5	70.5	98.9	77.6	84.4	66.1
1995	86.5	64.1	87.9	70.3	100.7	77.1	88.9	66.9
1996	99.2	76.2	102.7	82.6	113.8	88.0	101.6	78.6
1997	90.3	75.8	102.2	81.7	107.7	87.3	93.8	78.1
1998	73.3	55.7	85.5	63.4	90.5	68.0	77.2	58.4
Oregon								
1984	96.3	86.2	NA	NA	107.5	92.7	93.7	83.8
1985	96.6	86.3	NA	NA	106.2	93.1	94.1	84.1
1986	69.0	61.6	NA	NA	79.6	64.7	67.3	59.7
1987	64.8	56.8	NA	NA	76.8	67.4	64.8	57.9
1988	67.3	58.5	NA	NA	79.3	69.7	67.7	59.9
1989	80.4	67.9	—	—	93.7	80.0	81.2	69.5
1990	91.7	78.8	W	W	103.3	90.4	91.9	79.7
1991	81.7	66.6	W	84.0	96.3	79.7	82.3	67.9
1992	87.6	71.9	W	W	102.7	85.7	88.1	73.3
1993	83.2	67.2	94.7	W	99.4	81.9	84.4	69.0
1994	78.8	62.7	80.0	69.9	95.4	77.7	81.0	64.8
1995	80.3	65.4	85.1	72.6	95.9	80.4	82.7	67.7
1996	91.0	75.3	99.3	82.9	106.1	88.0	93.1	77.2
1997	90.8	73.8	100.1	82.4	109.1	86.6	93.2	75.7
1998	69.5	55.0	79.3	62.9	88.7	67.6	72.2	57.1
Washington								
1984	93.5	86.6	NA	NA	104.1	93.0	90.9	84.5
1985	93.1	85.7	NA	NA	104.6	92.7	90.6	83.9
1986	66.5	57.9	NA	NA	76.7	64.7	65.0	57.0
1987	65.1	55.6	NA	NA	77.2	65.7	65.7	56.9
1988	65.3	54.6	NA	NA	78.1	65.2	66.8	56.6
1989	73.1	62.1	74.9	W	86.4	72.4	74.8	64.2
1990	88.8	78.2	94.2	W	100.1	89.0	89.5	79.7
1991	77.4	66.5	—	73.1	91.3	79.3	78.7	68.4
1992	80.9	70.8	W	77.8	96.1	84.0	82.0	72.7
1993	76.0	65.9	84.8	71.8	93.2	79.9	77.7	68.0
1994	76.8	64.1	81.3	72.7	94.2	79.2	79.6	66.8
1995	80.8	67.0	88.1	75.0	98.6	82.0	83.9	69.9
1996	91.3	77.2	97.8	84.6	109.6	90.7	94.1	79.8
1997	86.9	73.9	96.3	81.8	106.4	87.6	90.4	76.5
1998	67.2	56.9	78.6	64.6	88.7	69.1	71.3	59.5

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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 A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**
(Cents per Gallon Excluding Taxes)

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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								
1983	125.5	117.8	87.8	85.4	70.9	48.4	96.1	89.2
1984	123.4	116.5	84.2	83.0	73.7	45.0	103.6	91.6
1985	120.1	113.0	79.6	79.4	71.7	39.8	103.0	87.4
1986	101.1	91.2	52.9	49.5	74.5	29.0	79.0	60.6
1987	90.7	85.9	54.3	53.8	70.1	25.2	77.0	59.2
1988	89.1	85.0	51.3	49.5	71.4	24.0	73.8	54.9
1989	99.5	95.0	59.2	58.3	61.5	24.7	70.9	66.9
1990	112.0	106.3	76.6	77.3	74.5	38.6	92.3	83.9
1991	104.7	100.1	65.2	65.0	73.0	34.9	83.8	72.2
1992	102.7	99.1	61.0	60.5	64.3	32.8	78.8	63.2
1993	99.0	96.5	58.0	57.7	67.3	35.1	75.4	60.4
1994	95.7	93.3	53.4	53.4	77.6	33.6	66.0	61.8
1995	100.5	97.5	54.0	53.9	76.6	35.4	58.9	58.0
1996	111.6	105.5	65.1	64.6	88.6	47.1	74.0	71.4
1997	112.8	106.5	61.3	61.3	87.8	42.6	74.5	65.3
1998	97.5	91.2	45.2	45.0	77.4	29.7	50.1	46.5
PAD District I								
1983	127.8	123.0	87.0	87.8	91.3	52.8	94.5	90.1
1984	124.7	119.5	83.5	85.0	93.3	50.9	106.0	92.2
1985	121.4	115.3	78.5	82.2	91.5	44.9	104.9	88.1
1986	100.6	91.8	52.8	52.2	86.0	32.7	81.0	61.6
1987	90.9	85.0	54.1	55.6	82.3	31.0	78.1	58.9
1988	89.5	82.9	51.2	51.3	84.8	29.8	73.3	55.3
1989	99.2	92.2	59.1	60.1	75.8	29.2	69.3	67.2
1990	112.3	105.3	75.9	78.3	91.8	45.0	86.4	84.4
1991	105.6	100.3	65.3	67.2	W	40.5	81.0	74.0
1992	101.9	97.9	60.9	62.5	W	38.4	75.1	64.0
1993	97.2	94.3	56.7	58.4	85.8	38.3	73.1	61.1
1994	94.9	92.5	52.8	54.9	94.9	40.1	69.7	62.8
1995	103.9	97.0	52.6	53.7	93.9	41.4	65.9	57.2
1996	109.9	104.0	64.2	65.6	103.6	54.0	77.0	71.0
1997	113.7	105.2	60.2	60.7	104.3	46.9	77.0	65.1
1998	99.1	89.5	44.8	45.5	95.2	35.4	57.3	47.7
Subdistrict IA								
1983	129.6	129.5	93.3	100.5	99.9	57.5	96.3	90.3
1984	128.2	126.6	87.2	95.8	99.7	53.5	113.3	96.3
1985	124.3	122.3	82.3	83.6	99.7	48.6	106.9	91.2
1986	103.1	102.7	57.4	53.6	W	37.1	82.0	68.1
1987	96.7	92.7	56.4	54.5	W	34.3	75.3	58.4
1988	W	87.7	54.5	54.9	W	32.9	71.1	57.0
1989	W	98.2	62.7	63.0	89.6	29.3	66.6	67.8
1990	W	114.9	79.9	81.2	W	45.7	84.4	84.5
1991	W	104.2	68.4	69.1	W	41.9	75.0	72.7
1992	W	W	63.7	65.8	W	38.9	63.2	63.3
1993	W	W	59.8	60.9	W	40.3	63.3	60.6
1994	W	W	56.1	59.8	102.4	46.7	68.9	62.6
1995	W	W	55.6	57.8	98.8	47.4	59.9	58.0
1996	W	107.6	67.4	70.3	108.5	59.1	72.0	71.3
1997	W	107.0	63.2	60.4	114.3	52.4	73.3	61.7
1998	W	89.4	47.4	47.7	98.6	40.9	60.2	49.4

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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
Connecticut								
1983	—	—	96.3	W	94.5	54.1	W	91.2
1984	—	—	89.2	W	92.7	51.6	103.3	98.6
1985	—	—	84.9	W	98.5	46.4	96.2	91.5
1986	—	—	60.7	62.4	93.6	34.8	65.5	62.8
1987	—	—	58.6	52.0	95.4	33.3	W	58.5
1988	NA	NA	54.0	53.2	92.4	31.8	W	58.5
1989	NA	NA	63.1	62.1	81.4	29.2	W	68.2
1990	W	W	79.8	85.7	W	46.2	W	81.4
1991	W	W	68.9	W	W	41.4	W	74.1
1992	W	W	63.2	W	W	39.2	W	64.6
1993	W	W	59.6	61.0	W	41.7	63.7	63.1
1994	W	95.7	56.0	56.7	—	—	W	64.9
1995	W	108.7	55.2	56.7	—	—	W	W
1996	W	109.2	67.3	68.4	—	—	W	73.5
1997	W	113.7	63.8	56.7	—	—	W	60.5
1998	W	96.1	48.4	47.2	—	—	W	W
Maine								
1983	W	130.4	93.6	103.0	W	59.4	91.8	90.1
1984	W	129.2	90.3	103.7	W	56.3	116.8	95.6
1985	W	126.4	W	96.2	88.3	48.3	114.7	92.1
1986	W	W	60.8	38.9	W	38.3	W	66.8
1987	W	W	59.6	65.3	W	31.6	W	58.9
1988	W	W	55.7	60.5	W	39.0	W	56.2
1989	W	W	64.7	W	W	25.9	W	W
1990	W	W	W	W	W	40.1	W	85.9
1991	W	W	W	W	W	42.1	W	73.0
1992	W	—	70.2	W	W	40.6	W	64.2
1993	W	—	W	64.8	W	39.6	W	60.9
1994	W	W	W	69.1	—	—	W	62.1
1995	W	W	W	60.7	—	—	W	57.7
1996	W	W	W	76.7	—	—	W	70.3
1997	W	W	W	69.0	—	—	W	60.2
1998	W	W	W	50.1	—	—	W	50.9
Massachusetts								
1983	128.9	128.2	92.8	101.5	W	58.4	98.2	90.8
1984	126.6	126.1	86.7	95.1	108.1	54.3	103.1	94.3
1985	121.9	122.4	81.5	84.8	105.3	49.7	99.3	88.4
1986	101.3	103.4	56.4	61.5	W	38.8	72.7	71.2
1987	95.2	94.7	55.6	58.4	98.0	34.8	74.6	57.3
1988	95.6	93.2	54.3	55.0	96.5	33.3	67.3	55.8
1989	W	98.1	62.2	62.6	91.5	29.3	67.1	68.9
1990	W	112.7	78.7	83.7	W	45.4	80.7	86.8
1991	W	102.6	67.5	69.3	W	42.1	71.1	69.7
1992	W	W	62.5	65.6	W	39.1	61.4	60.6
1993	W	W	58.9	60.2	W	41.4	63.9	57.7
1994	W	95.6	55.1	56.7	—	—	64.9	61.4
1995	W	W	54.8	56.2	—	—	60.2	56.7
1996	W	108.3	W	67.2	—	—	79.3	68.9
1997	W	W	62.2	62.3	—	—	73.5	65.4
1998	W	W	46.6	46.7	—	—	57.9	44.9

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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
New Hampshire								
1983	—	—	107.3	W	100.1	58.5	—	W
1984	—	—	83.8	W	103.1	52.5	W	96.8
1985	—	—	88.2	W	100.8	48.9	114.5	92.8
1986	—	—	66.6	W	101.4	36.9	W	71.3
1987	—	—	W	W	W	35.5	W	61.0
1988	NA	NA	57.0	W	W	32.3	W	56.6
1989	NA	NA	65.2	67.1	W	25.8	W	69.0
1990	W	W	86.4	W	W	42.6	W	W
1991	W	W	72.3	82.3	W	38.9	W	74.6
1992	W	W	65.6	W	W	35.9	W	W
1993	W	W	61.8	W	W	37.4	W	W
1994	W	W	57.9	65.2	—	—	W	62.6
1995	W	W	W	69.8	—	—	W	W
1996	W	W	70.9	72.6	—	—	92.0	W
1997	W	W	65.3	74.3	—	—	W	W
1998	W	W	48.4	W	—	—	W	W
Rhode Island								
1983	—	—	W	—	W	56.3	—	88.5
1984	—	—	W	W	W	54.3	120.1	98.3
1985	—	—	W	W	103.2	50.7	109.6	92.8
1986	—	—	W	W	W	37.3	110.7	81.5
1987	—	—	W	—	W	36.2	75.9	59.0
1988	NA	NA	W	W	W	33.2	W	52.5
1989	NA	NA	64.1	62.4	—	30.7	—	62.8
1990	W	W	81.4	67.2	—	47.4	W	W
1991	W	W	70.6	W	—	44.8	W	W
1992	W	W	64.7	W	—	40.6	W	W
1993	W	W	60.6	W	—	38.9	57.0	60.1
1994	W	W	56.7	61.9	—	—	W	58.8
1995	W	W	56.5	60.6	—	—	W	W
1996	W	W	69.9	71.5	—	—	—	76.7
1997	W	W	65.6	64.9	—	—	—	70.2
1998	W	W	W	W	—	—	W	W
Vermont								
1983	—	—	93.3	W	W	58.6	95.6	94.1
1984	—	—	W	W	99.7	55.1	W	95.7
1985	—	—	W	W	98.3	49.8	W	92.6
1986	—	—	W	W	W	36.8	103.9	68.0
1987	—	—	W	W	W	36.5	74.7	61.5
1988	NA	NA	W	60.5	W	33.4	73.3	56.8
1989	NA	NA	72.0	65.7	W	31.5	W	69.7
1990	W	W	89.1	88.5	W	48.7	W	85.1
1991	W	W	W	89.2	W	44.7	W	73.0
1992	W	W	W	W	W	40.9	W	W
1993	W	W	69.6	65.5	W	40.9	W	W
1994	W	W	64.2	63.8	—	—	W	62.9
1995	W	W	62.4	66.4	—	—	—	W
1996	W	W	75.7	78.5	—	—	—	74.3
1997	W	W	71.5	70.9	—	—	—	74.6
1998	—	W	58.1	W	—	—	W	W

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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 IB								
1983	131.5	129.9	86.6	85.9	88.9	52.9	93.7	90.3
1984	129.9	124.1	83.2	83.7	92.9	51.6	106.2	92.5
1985	W	117.7	78.1	81.1	93.3	45.5	108.2	88.3
1986	W	88.6	52.5	50.1	89.9	32.1	82.0	61.0
1987	W	86.7	54.4	54.9	86.1	31.5	75.5	59.1
1988	92.8	81.5	51.7	50.0	89.2	29.9	70.7	55.3
1989	W	92.0	59.2	58.9	80.6	28.7	65.7	67.0
1990	W	106.8	75.7	76.8	W	43.7	82.6	82.6
1991	W	102.5	65.0	66.5	95.4	38.9	77.4	73.4
1992	W	99.8	60.4	61.2	W	37.1	72.0	62.8
1993	99.2	93.3	56.3	57.1	W	37.5	69.8	61.1
1994	99.1	93.0	52.6	54.0	104.4	39.7	67.4	64.4
1995	107.2	100.0	52.3	53.3	100.8	40.5	63.4	57.0
1996	113.2	104.9	64.4	65.9	108.6	53.6	75.3	70.8
1997	116.4	105.6	59.8	60.4	111.2	45.7	75.2	65.1
1998	101.0	87.9	44.6	44.7	100.7	34.6	54.8	46.8
Delaware								
1983	—	—	108.0	W	83.2	51.8	93.1	85.9
1984	—	—	96.1	88.2	91.7	51.0	108.4	90.2
1985	—	—	89.5	W	94.9	44.5	111.7	77.6
1986	—	—	65.8	W	W	W	93.3	55.8
1987	—	—	W	W	W	30.1	79.3	57.2
1988	NA	NA	56.1	W	W	W	81.2	55.9
1989	NA	NA	64.8	W	W	W	87.9	72.2
1990	W	W	85.4	W	W	W	103.2	86.3
1991	W	W	74.4	75.1	W	W	W	74.9
1992	W	W	69.4	66.5	—	W	W	65.1
1993	W	W	65.9	W	—	W	W	61.4
1994	W	W	63.7	W	—	—	W	83.2
1995	W	W	64.0	62.1	—	—	W	W
1996	W	104.1	71.0	W	—	—	W	W
1997	W	109.1	66.7	W	—	—	W	W
1998	W	90.0	52.5	51.8	—	—	W	W
District of Columbia								
1983	—	—	W	—	W	—	W	W
1984	—	—	W	W	W	—	W	96.2
1985	—	—	W	—	W	—	W	89.6
1986	—	—	W	—	W	—	W	W
1987	—	—	—	W	W	—	W	W
1988	NA	NA	—	—	W	—	W	W
1989	NA	NA	—	—	—	—	—	W
1990	NA	NA	—	—	—	—	—	W
1991	NA	NA	—	—	—	—	—	W
1992	W	—	—	—	—	—	—	W
1993	W	—	W	—	—	—	—	W
1994	W	—	—	—	—	—	—	W
1995	W	—	—	W	—	—	—	W
1996	W	—	—	W	—	—	—	—
1997	W	—	—	W	—	—	—	—
1998	—	—	W	W	—	—	—	—

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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
Maryland								
1983	—	—	86.9	W	88.4	53.4	103.4	91.2
1984	—	—	83.1	88.6	92.1	53.1	109.9	91.8
1985	—	—	78.3	87.0	95.0	47.5	106.2	89.9
1986	—	—	54.1	63.9	92.8	36.6	73.1	62.2
1987	—	—	54.1	58.0	89.7	33.7	64.1	59.4
1988	NA	NA	50.6	57.6	W	33.4	60.7	56.5
1989	NA	NA	59.1	65.1	82.6	28.2	56.4	67.4
1990	W	W	73.8	78.7	W	61.6	64.1	87.7
1991	W	W	64.5	65.9	W	38.2	72.2	75.9
1992	W	W	60.6	62.9	W	35.4	64.5	63.8
1993	W	W	56.2	58.2	W	37.6	58.6	61.5
1994	W	W	52.0	53.9	—	—	62.6	65.5
1995	W	W	52.5	52.1	—	—	57.0	56.3
1996	W	W	63.5	65.1	—	—	69.2	70.9
1997	W	W	60.3	62.2	—	—	71.3	64.9
1998	W	90.1	45.1	43.1	—	—	W	47.8
New Jersey								
1983	128.8	126.5	85.9	84.6	97.0	52.1	W	89.8
1984	W	119.0	82.7	84.0	101.7	51.4	W	91.9
1985	W	113.0	77.7	81.3	102.9	44.6	90.8	86.8
1986	W	85.7	51.9	49.1	98.1	31.4	49.8	58.3
1987	W	84.3	54.2	54.7	95.0	31.0	W	57.0
1988	W	W	51.2	49.6	93.4	29.9	54.1	53.3
1989	W	W	58.6	57.9	83.6	27.8	W	64.1
1990	W	W	75.6	75.2	87.1	45.5	64.5	77.8
1991	W	W	64.7	65.7	78.7	40.1	73.5	69.9
1992	W	W	60.0	60.7	87.6	36.3	64.3	61.8
1993	97.6	90.4	56.0	56.6	94.0	36.7	62.5	58.4
1994	98.5	92.1	52.2	53.6	—	—	W	62.1
1995	107.5	100.1	52.0	52.8	—	—	56.3	54.9
1996	W	105.4	64.1	64.9	—	—	W	67.5
1997	W	104.2	59.6	59.2	—	—	W	61.8
1998	W	87.9	44.5	43.5	—	—	W	44.5
New York								
1983	131.6	132.6	93.7	104.0	101.7	54.4	98.3	92.8
1984	W	128.6	92.7	94.2	101.7	52.0	117.9	93.2
1985	W	124.1	87.9	83.7	102.5	46.0	115.8	89.7
1986	W	105.0	59.7	55.6	100.7	33.8	102.5	63.3
1987	W	97.3	61.4	64.7	98.4	33.1	88.3	60.3
1988	W	94.9	56.0	58.4	97.5	31.7	81.9	57.6
1989	W	W	63.4	64.9	85.3	29.7	70.2	68.5
1990	W	118.0	81.4	85.5	W	46.3	88.7	83.9
1991	W	108.7	69.9	73.3	W	41.7	80.9	75.3
1992	W	98.2	65.3	64.5	W	39.1	75.3	63.4
1993	W	93.7	60.3	59.4	W	40.4	72.2	62.8
1994	W	94.5	55.9	58.2	—	—	73.0	66.8
1995	W	98.1	54.6	56.4	—	—	69.9	57.9
1996	W	104.5	65.9	69.0	—	—	78.3	74.2
1997	W	104.1	61.1	61.9	—	—	81.2	68.0
1998	W	84.0	45.9	47.3	—	—	57.6	52.1

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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
Pennsylvania								
1983	132.7	129.6	88.1	84.4	74.0	52.2	105.3	90.5
1984	130.4	126.9	84.3	80.8	79.2	51.2	117.1	92.6
1985	W	121.1	78.9	79.6	76.5	45.6	109.8	88.8
1986	103.6	97.6	52.8	49.2	74.0	31.1	88.2	62.1
1987	92.5	86.2	54.3	54.8	68.1	30.8	82.3	59.8
1988	90.3	84.2	52.0	49.5	74.7	29.3	82.1	55.0
1989	100.2	91.0	59.9	60.1	71.9	28.3	79.6	67.9
1990	114.1	108.0	75.4	78.4	W	42.9	101.5	84.9
1991	W	104.3	65.0	64.7	W	38.3	91.8	73.1
1992	W	101.8	60.6	60.9	W	36.6	79.8	62.6
1993	W	97.3	56.3	56.7	W	36.8	75.7	61.3
1994	W	93.1	52.7	52.7	—	—	78.1	63.6
1995	105.7	102.3	52.2	52.9	—	—	74.5	58.2
1996	110.8	105.1	64.4	65.3	—	—	90.6	72.6
1997	114.2	109.0	58.9	60.7	—	—	89.1	67.3
1998	97.4	91.0	43.6	44.9	—	—	72.6	47.3
Subdistrict IC								
1983	125.2	119.5	86.3	91.7	89.9	52.1	99.4	89.8
1984	121.2	116.7	83.0	88.2	89.7	50.1	101.5	90.9
1985	118.7	113.0	78.3	85.0	84.4	43.9	93.2	87.2
1986	99.2	91.9	52.3	60.1	77.9	32.5	76.6	61.4
1987	88.1	83.3	53.5	57.7	75.1	30.2	90.7	58.8
1988	86.2	82.4	50.2	55.0	79.2	29.3	89.6	55.0
1989	97.1	91.3	58.3	62.5	71.5	29.5	90.4	67.4
1990	109.5	103.7	75.3	81.6	87.6	45.8	105.1	86.5
1991	103.4	99.3	64.9	69.2	91.1	41.4	105.4	74.8
1992	99.8	97.0	60.8	65.9	86.6	39.2	96.0	65.1
1993	95.4	94.6	56.6	60.6	82.4	38.6	89.9	61.2
1994	91.9	91.9	52.4	55.9	87.5	39.4	82.8	61.2
1995	100.9	95.1	52.4	53.7	88.5	41.1	85.1	57.3
1996	107.3	103.1	63.5	64.4	99.1	53.4	90.8	71.1
1997	111.4	104.8	60.0	61.3	98.2	46.5	89.5	66.0
1998	97.3	90.2	44.7	46.3	91.2	34.7	81.0	48.8
Florida								
1983	122.7	119.1	86.9	90.1	103.5	53.2	96.8	93.7
1984	118.2	115.5	84.2	86.1	102.4	51.4	97.9	93.1
1985	116.4	112.0	79.7	83.6	96.4	45.1	W	88.9
1986	97.1	91.5	56.6	57.7	88.0	34.5	63.6	67.3
1987	85.4	82.5	55.0	56.3	80.8	31.2	83.5	58.8
1988	84.4	80.8	51.6	54.5	86.4	31.3	122.4	55.6
1989	95.4	89.9	59.8	62.5	80.2	31.0	121.5	70.1
1990	107.6	102.2	76.2	84.9	W	47.1	108.2	91.0
1991	101.5	97.2	66.5	72.3	W	44.3	116.0	75.6
1992	97.9	94.7	61.5	66.5	W	42.0	107.2	65.3
1993	93.3	92.0	57.1	60.9	W	41.6	86.7	62.2
1994	88.6	88.9	53.0	56.6	—	—	NA	60.1
1995	98.2	93.9	52.8	56.5	—	—	117.1	58.4
1996	103.8	99.7	63.9	66.5	—	—	115.1	71.0
1997	107.7	101.5	60.6	62.6	—	—	100.2	65.6
1998	94.8	88.5	45.1	48.1	—	—	78.3	49.9

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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
Georgia								
1983	124.3	119.9	84.6	96.5	79.9	50.6	96.7	89.2
1984	119.8	118.3	81.1	92.8	79.9	49.0	93.5	89.5
1985	117.8	114.3	76.4	90.0	W	42.9	89.6	85.9
1986	101.0	92.6	47.4	66.7	71.6	31.2	88.2	62.1
1987	88.3	83.7	50.9	58.4	70.7	28.8	106.2	58.6
1988	86.8	84.3	47.8	53.5	73.0	27.8	115.0	54.8
1989	98.0	93.1	55.6	60.9	67.0	28.1	106.4	67.0
1990	107.8	105.1	73.6	75.7	W	44.5	112.4	86.2
1991	103.7	101.6	62.2	65.8	W	40.3	120.1	74.4
1992	101.2	98.9	59.3	64.1	W	37.4	118.7	63.9
1993	96.7	97.4	55.7	58.6	W	36.5	NA	60.4
1994	95.2	94.0	51.3	53.5	—	—	NA	60.9
1995	100.5	95.9	51.3	51.5	—	—	107.5	56.8
1996	108.7	105.1	61.8	61.8	—	—	117.6	70.7
1997	111.1	106.0	58.5	59.7	—	—	109.9	66.0
1998	95.8	89.4	43.3	44.8			97.1	48.0
North Carolina								
1983	W	119.8	86.4	92.9	83.7	52.0	94.1	89.4
1984	W	115.6	83.3	91.7	84.3	49.6	96.3	90.9
1985	W	112.2	77.9	86.3	80.0	43.3	91.5	87.5
1986	W	91.1	52.0	63.0	75.4	31.4	77.8	61.5
1987	W	83.6	53.5	59.6	72.5	30.2	89.9	58.9
1988	W	83.5	50.1	53.6	75.7	28.5	87.7	55.5
1989	W	92.0	58.0	65.2	69.3	28.9	85.3	67.5
1990	W	105.0	76.3	80.3	81.2	45.4	106.1	88.3
1991	107.2	101.5	64.6	69.5	W	40.7	106.8	75.7
1992	105.2	W	60.5	68.0	W	38.9	93.1	65.6
1993	99.7	W	56.6	61.4	71.0	38.1	95.3	61.1
1994	W	W	52.3	57.6	—	—	NA	60.4
1995	105.0	96.7	52.6	54.4	—	—	73.6	56.7
1996	W	107.7	64.5	64.4	—	—	75.9	70.8
1997	W	110.2	59.7	61.5	—	—	72.6	65.6
1998	W	93.7	44.5	45.7			64.2	48.5
South Carolina								
1983	127.4	118.2	92.8	W	89.8	51.3	105.4	89.6
1984	125.1	118.0	89.4	95.4	90.7	49.3	108.5	91.4
1985	122.5	113.1	82.5	90.2	86.6	42.8	102.0	88.0
1986	W	92.8	57.1	W	79.0	31.5	90.1	62.5
1987	W	85.4	58.7	61.4	76.3	29.3	100.5	58.8
1988	W	83.1	56.5	58.2	83.4	28.0	93.4	55.5
1989	W	92.2	64.0	W	72.5	29.2	91.4	67.3
1990	W	104.7	81.9	W	86.7	45.7	110.8	87.7
1991	W	99.3	69.1	W	91.2	39.9	126.7	75.8
1992	W	98.0	65.1	W	W	38.6	111.1	65.5
1993	W	96.4	60.6	64.0	85.1	37.8	NA	61.6
1994	W	W	56.5	61.7	—	—	NA	60.5
1995	102.6	97.7	56.9	60.8	—	—	93.8	57.2
1996	W	108.3	69.1	70.5	—	—	100.3	71.0
1997	115.5	109.5	64.6	64.7	—	—	106.3	65.7
1998	102.5	94.4	48.6	48.9			91.5	48.8

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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
Virginia								
1983	133.4	124.6	86.8	90.7	90.2	53.9	90.4	88.7
1984	131.8	122.7	83.1	89.1	86.7	51.5	98.2	89.5
1985	W	118.6	78.2	85.3	80.2	45.8	95.1	85.7
1986	W	93.5	51.7	61.5	75.6	31.8	79.0	58.5
1987	W	90.1	54.7	60.6	73.6	31.5	80.0	58.0
1988	W	89.5	50.9	57.8	73.8	30.0	76.6	53.4
1989	W	99.1	58.6	62.8	52.8	29.7	81.2	66.7
1990	W	111.7	74.7	81.2	79.5	46.3	95.7	82.7
1991	108.6	W	64.5	68.0	84.3	41.9	81.8	71.9
1992	106.0	W	60.3	64.0	72.0	39.2	67.1	63.9
1993	101.5	97.5	56.1	60.7	70.4	39.3	61.5	60.7
1994	W	93.3	51.9	55.8	—	—	68.0	62.3
1995	W	92.7	52.2	54.1	—	—	68.6	57.7
1996	W	105.9	63.5	67.0	—	—	74.0	71.8
1997	W	112.2	59.9	62.0	—	—	73.6	66.5
1998	W	93.0	44.7	46.3	—	—	54.7	48.7
West Virginia								
1983	132.9	128.5	96.5	W	71.1	50.3	106.7	94.0
1984	W	129.3	95.6	93.2	72.0	46.5	105.9	94.4
1985	W	122.4	92.8	89.4	76.1	41.3	99.9	89.5
1986	W	94.2	69.4	66.1	71.2	30.3	75.5	64.6
1987	W	85.5	63.7	65.5	78.7	29.1	73.3	62.5
1988	W	88.1	60.1	61.2	85.0	26.9	71.1	57.2
1989	W	W	67.3	W	W	27.9	82.1	68.3
1990	W	W	86.5	W	W	45.9	98.9	86.4
1991	W	W	75.3	W	W	39.3	93.2	75.6
1992	W	99.1	71.7	72.1	W	37.4	81.0	65.8
1993	W	93.5	W	W	W	37.6	77.7	63.9
1994	W	94.9	W	W	—	—	77.5	68.6
1995	W	99.2	W	W	—	—	70.8	62.1
1996	W	111.6	W	73.9	—	—	79.4	72.4
1997	W	109.7	W	65.0	—	—	82.7	72.4
1998	W	89.2	W	53.3	—	—	80.0	55.9
PAD District II								
1983	124.9	112.4	88.1	89.1	74.4	47.6	99.9	92.7
1984	120.7	113.9	84.9	85.7	72.2	44.0	102.9	93.5
1985	116.6	108.9	80.2	81.2	71.4	38.8	101.9	89.0
1986	98.4	85.2	53.2	54.2	71.5	29.8	82.0	64.0
1987	87.2	81.6	54.7	56.0	67.6	23.9	82.8	63.9
1988	85.0	80.7	52.0	53.5	67.2	22.7	81.2	58.3
1989	94.6	90.7	59.1	61.5	62.5	24.5	88.0	71.0
1990	108.1	101.7	77.2	79.8	80.8	38.6	106.4	88.4
1991	99.8	96.8	65.4	67.1	71.8	32.4	96.7	74.6
1992	97.0	95.8	61.0	62.7	66.7	31.1	91.7	65.8
1993	95.4	95.1	56.9	58.8	75.9	36.2	80.8	63.9
1994	92.3	93.4	52.8	55.0	68.8	32.8	77.2	65.1
1995	90.6	94.9	53.4	54.9	70.2	35.2	63.9	60.4
1996	105.8	100.0	64.2	67.0	83.7	48.3	77.2	73.4
1997	107.4	100.5	60.9	62.7	83.1	43.8	72.4	68.1
1998	91.8	85.5	45.6	46.8	71.8	29.2	55.4	49.9

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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
Illinois								
1983	W	118.0	89.5	92.2	64.0	47.7	101.2	96.4
1984	W	112.3	86.7	91.0	67.4	46.0	91.2	91.8
1985	W	109.2	81.0	83.2	76.3	42.8	90.3	85.0
1986	W	88.4	57.0	60.3	63.7	31.9	67.6	64.6
1987	W	82.9	56.8	61.1	59.7	25.1	W	61.7
1988	84.1	81.9	51.8	58.1	60.5	23.3	63.0	52.6
1989	W	92.6	58.3	63.5	62.1	25.2	74.0	67.2
1990	W	103.5	78.9	87.0	82.4	39.8	92.0	87.0
1991	W	96.0	64.1	65.8	73.7	32.8	92.7	70.9
1992	W	W	60.0	60.2	67.6	32.1	87.0	61.0
1993	W	W	55.6	56.8	74.3	36.3	78.5	60.8
1994	W	W	51.6	54.8	—	—	79.4	61.7
1995	W	W	52.1	52.9	—	—	92.5	58.2
1996	W	W	62.9	66.2	—	—	104.5	71.9
1997	W	W	59.0	62.1	—	—	105.5	62.7
1998	W	90.2	43.7	48.3	—	—	101.2	45.7
Indiana								
1983	122.2	118.4	86.7	89.0	79.7	49.2	96.1	88.7
1984	114.9	112.8	82.9	86.1	75.6	47.2	105.9	92.1
1985	109.4	105.9	78.4	81.2	74.3	42.3	122.1	88.7
1986	108.3	84.5	51.3	51.6	68.7	30.9	88.5	64.9
1987	86.5	74.0	53.4	53.2	65.8	26.5	95.0	63.8
1988	83.8	74.7	50.5	51.0	64.7	25.0	85.6	56.4
1989	91.9	86.1	58.4	59.4	68.5	28.2	78.9	71.0
1990	105.3	99.1	75.9	79.7	W	43.7	100.5	89.7
1991	98.1	93.4	64.2	64.2	82.7	36.4	97.1	74.4
1992	95.3	94.0	59.6	59.4	72.7	34.8	100.0	64.3
1993	96.4	94.6	55.4	56.5	79.4	37.8	103.7	62.7
1994	95.3	94.1	51.6	53.4	—	—	104.9	63.4
1995	94.9	95.7	52.0	52.8	—	—	112.5	57.4
1996	W	103.2	63.5	64.9	—	—	NA	72.9
1997	W	104.4	60.4	60.6	—	—	W	68.7
1998	W	88.8	45.2	46.1	—	—	111.8	49.8
Iowa								
1983	—	—	90.9	95.7	W	48.8	W	93.1
1984	—	—	88.4	93.5	W	44.7	W	94.5
1985	—	—	84.8	90.2	70.8	40.6	W	90.7
1986	—	—	58.8	60.8	W	30.9	W	63.0
1987	—	—	57.7	63.4	56.2	25.5	W	63.5
1988	NA	NA	55.6	58.7	54.2	23.7	W	57.0
1989	NA	NA	61.7	65.8	45.7	28.0	W	69.9
1990	W	NA	82.5	79.5	41.9	37.0	—	92.3
1991	W	NA	70.3	70.7	W	33.2	—	81.2
1992	W	96.8	64.5	66.0	W	32.2	—	70.4
1993	W	95.8	61.0	65.1	W	38.1	W	62.7
1994	W	94.3	57.5	61.6	—	—	—	66.7
1995	W	94.8	57.0	60.0	—	—	—	66.4
1996	W	W	68.6	71.5	—	—	—	78.2
1997	W	102.6	64.6	66.0	—	—	—	75.0
1998	W	86.6	49.0	50.3	—	—	—	54.0

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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
Kansas								
1983	—	—	89.1	86.1	61.6	46.1	W	94.3
1984	—	—	87.1	82.1	50.7	42.3	W	94.0
1985	—	—	80.2	77.4	35.5	36.4	W	91.9
1986	—	—	50.4	50.3	W	28.3	W	60.0
1987	—	—	54.2	53.7	W	21.7	W	61.1
1988	NA	NA	51.4	50.2	W	20.3	W	54.2
1989	NA	NA	57.6	57.9	W	21.6	W	64.8
1990	W	NA	75.2	77.0	35.4	36.4	W	82.3
1991	W	NA	65.0	70.3	29.5	29.6	W	74.3
1992	W	95.5	58.8	69.8	W	28.1	W	67.7
1993	W	93.1	56.5	64.8	35.9	34.3	W	71.3
1994	W	90.5	55.7	59.9	—	—	—	64.6
1995	W	92.5	56.5	58.5	—	—	—	67.7
1996	W	101.0	W	67.1	—	—	—	76.2
1997	W	101.8	65.9	66.6	—	—	—	76.8
1998	W	83.5	49.7	51.5	—	—	—	57.5
Kentucky								
1983	125.9	W	92.5	95.6	58.9	50.5	W	93.8
1984	124.5	118.0	89.5	86.0	56.8	46.8	97.9	94.5
1985	W	114.3	83.3	80.1	45.1	41.8	92.3	89.2
1986	95.6	92.9	59.2	60.3	51.2	31.5	70.0	64.0
1987	W	84.0	56.2	58.8	64.8	27.0	69.5	63.7
1988	W	82.9	53.1	58.5	57.7	25.7	68.5	59.3
1989	99.4	94.4	60.1	63.5	27.9	26.1	80.5	70.8
1990	W	107.8	78.6	84.3	40.8	40.9	101.1	88.6
1991	W	104.1	66.4	74.7	38.5	36.0	100.7	76.7
1992	104.0	100.3	62.3	64.3	37.6	32.6	94.1	67.2
1993	W	96.3	58.9	58.6	80.5	34.8	76.4	65.0
1994	96.3	91.2	55.2	53.4	—	—	81.0	67.4
1995	W	95.5	56.0	52.5	—	—	80.5	62.5
1996	W	100.3	65.8	65.8	—	—	88.4	74.5
1997	115.4	W	61.9	61.3	—	—	94.3	72.3
1998	103.1	88.0	44.9	48.1	—	—	86.4	52.6
Michigan								
1983	127.2	W	89.8	88.5	81.2	48.4	99.3	96.3
1984	120.4	108.9	86.3	87.5	83.5	44.4	109.1	97.4
1985	112.8	104.5	82.2	83.6	W	40.0	109.9	92.7
1986	91.3	79.8	56.7	58.4	W	29.3	97.3	67.6
1987	80.0	77.5	55.2	57.4	W	25.7	96.8	62.8
1988	81.0	W	52.0	53.9	W	25.3	90.4	59.6
1989	89.6	92.5	59.3	61.7	72.8	26.5	99.2	72.8
1990	109.7	101.6	76.3	79.4	W	41.7	123.7	87.3
1991	94.0	96.9	66.7	70.4	87.3	35.8	126.1	72.6
1992	W	W	61.7	63.3	84.3	33.2	117.0	65.2
1993	W	W	57.5	59.6	85.4	37.3	NA	65.7
1994	W	W	52.8	54.4	—	—	114.4	66.3
1995	W	W	53.0	55.1	—	—	111.9	60.9
1996	106.8	91.4	64.2	65.9	—	—	113.5	73.7
1997	108.9	90.7	61.5	62.4	—	—	119.9	67.4
1998	92.4	74.9	47.2	47.0	—	—	98.1	49.6

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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
Minnesota								
1983	—	—	86.2	84.0	W	49.2	W	92.8
1984	—	—	84.6	82.6	66.4	45.9	94.2	94.5
1985	—	—	80.1	82.9	W	41.1	W	91.8
1986	—	—	54.6	60.6	W	32.2	125.0	63.5
1987	—	—	56.0	61.3	53.6	25.3	111.7	61.7
1988	NA	NA	53.2	56.1	W	23.9	132.1	58.5
1989	NA	NA	60.4	63.7	W	27.2	116.1	73.0
1990	W	NA	76.7	80.4	W	38.3	W	87.6
1991	W	NA	65.8	65.7	W	32.8	111.2	76.9
1992	W	97.2	62.6	62.6	51.5	31.3	W	70.9
1993	W	96.3	58.4	60.3	W	37.9	W	64.0
1994	W	93.1	53.4	54.9	—	—	W	64.6
1995	W	95.8	54.0	55.6	—	—	W	66.0
1996	W	W	64.7	67.0	—	—	W	77.6
1997	W	101.5	62.8	65.2	—	—	W	72.9
1998	W	91.0	47.8	48.4	—	—	W	51.3
Missouri								
1983	—	—	87.0	91.2	68.9	48.3	88.1	92.9
1984	—	—	84.6	89.1	68.1	45.2	104.6	92.2
1985	—	—	79.7	85.9	78.2	40.3	130.3	86.9
1986	—	—	53.3	55.1	70.8	32.1	142.8	58.6
1987	—	—	55.8	59.3	63.5	25.0	W	60.9
1988	NA	NA	52.5	56.2	63.2	23.6	W	52.2
1989	NA	NA	58.9	63.8	55.4	27.1	W	62.4
1990	NA	NA	76.7	82.9	67.5	40.0	148.9	86.4
1991	W	NA	64.9	70.4	59.7	33.9	W	75.4
1992	W	96.2	61.7	67.0	60.2	31.3	W	64.6
1993	W	95.2	57.2	62.1	79.1	37.6	W	63.2
1994	W	93.5	53.2	58.2	—	—	W	62.2
1995	92.2	94.1	53.9	59.1	—	—	W	61.7
1996	98.6	102.3	65.5	71.2	—	—	—	73.6
1997	101.6	W	62.0	64.1	—	—	—	73.1
1998	W	86.2	46.3	50.4	—	—	W	52.5
Nebraska								
1983	W	116.9	89.5	95.9	66.8	49.2	W	94.9
1984	W	115.5	87.7	92.4	63.7	45.3	W	93.7
1985	W	112.1	83.5	87.8	59.4	39.8	W	92.3
1986	W	86.6	59.8	57.8	W	30.5	—	62.8
1987	W	86.1	59.1	60.4	W	24.4	—	63.5
1988	W	86.2	55.9	58.8	W	23.0	W	W
1989	W	91.7	61.3	65.1	W	25.8	—	69.1
1990	W	103.0	81.4	78.3	W	37.5	—	100.4
1991	W	96.2	67.7	73.6	W	32.3	—	W
1992	W	95.9	62.6	70.6	W	32.0	—	74.0
1993	W	94.9	58.5	65.3	56.5	38.3	—	69.6
1994	W	94.1	53.9	61.3	—	—	—	66.5
1995	W	93.8	54.1	60.6	—	—	—	69.3
1996	W	W	66.0	72.2	—	—	—	78.6
1997	W	W	62.0	66.5	—	—	—	77.1
1998	W	W	47.1	52.4	—	—	—	59.7

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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
North Dakota								
1983	—	—	93.3	99.4	W	44.9	—	—
1984	—	—	92.2	96.1	W	41.1	—	—
1985	—	—	86.9	89.2	W	34.8	—	—
1986	—	—	66.1	66.7	W	27.6	—	—
1987	—	—	62.7	62.1	46.8	19.8	—	—
1988	NA	NA	59.0	63.3	43.0	19.7	NA	NA
1989	NA	NA	64.4	68.0	31.6	22.5	NA	NA
1990	NA	W	82.5	85.6	53.2	35.8	W	NA
1991	NA	W	69.8	72.0	W	29.7	W	W
1992	99.1	W	66.0	69.3	W	28.5	W	W
1993	96.3	W	64.9	69.4	W	36.0	W	W
1994	87.9	W	61.7	68.0	—	—	W	68.7
1995	101.6	W	61.3	67.1	—	—	—	67.9
1996	W	W	70.6	77.8	—	—	—	82.2
1997	W	W	69.5	74.5	—	—	—	W
1998	W	W	54.7	61.2	—	—	—	55.6
Ohio								
1983	W	117.8	90.8	90.7	81.1	50.6	99.7	93.9
1984	W	114.0	87.2	86.8	81.0	47.0	105.2	94.6
1985	W	110.1	81.6	82.0	80.9	41.7	105.6	89.8
1986	W	83.3	52.0	54.8	74.5	30.1	88.9	64.9
1987	89.1	84.5	54.5	57.4	71.4	27.0	86.1	66.7
1988	84.6	81.3	52.9	54.7	73.6	25.2	83.6	60.8
1989	W	92.9	60.6	61.5	71.6	25.9	93.2	74.3
1990	W	105.3	77.4	87.2	W	40.8	109.8	88.8
1991	W	98.3	66.8	65.9	82.5	35.6	93.6	74.9
1992	W	94.8	62.7	64.4	76.6	33.8	84.0	66.4
1993	W	96.9	58.1	60.0	81.3	36.6	75.2	64.4
1994	W	94.4	54.3	55.6	—	—	79.6	67.0
1995	101.8	95.0	54.3	56.2	—	—	80.8	61.8
1996	107.0	99.6	65.0	67.1	—	—	86.3	73.2
1997	109.8	98.3	61.4	61.5	—	—	88.4	68.8
1998	94.1	81.5	46.4	45.8	—	—	78.6	51.5
Oklahoma								
1983	119.9	97.4	86.6	86.5	65.5	46.9	W	88.5
1984	115.5	109.9	84.2	82.9	55.3	42.6	93.0	90.9
1985	110.3	105.6	79.2	80.5	60.1	36.7	88.6	88.1
1986	89.3	82.8	53.2	54.7	W	28.8	63.5	59.4
1987	86.2	80.4	52.7	55.5	W	22.3	W	58.4
1988	83.3	77.2	50.6	52.9	43.0	21.3	W	53.6
1989	88.5	86.2	57.6	59.6	46.7	23.7	W	65.9
1990	101.3	92.9	80.1	68.3	46.0	37.1	W	84.3
1991	92.7	94.1	63.8	67.7	52.5	31.6	W	74.5
1992	90.6	91.3	59.7	60.8	38.6	29.8	W	64.1
1993	W	91.9	55.6	56.2	57.3	35.1	W	64.1
1994	W	88.7	51.9	53.3	—	—	W	61.1
1995	W	92.2	55.6	53.7	—	—	W	64.9
1996	100.2	100.0	65.7	66.9	—	—	—	70.4
1997	100.2	101.9	61.8	61.5	—	—	W	69.9
1998	85.5	87.6	45.9	43.3	—	—	—	49.9

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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
South Dakota								
1983	W	W	94.2	98.2	W	49.1	—	—
1984	W	116.0	89.1	96.6	W	46.3	—	—
1985	W	114.2	84.9	91.2	—	41.6	—	—
1986	W	91.3	61.7	62.7	—	31.9	—	—
1987	W	86.5	59.2	64.2	W	25.1	—	—
1988	W	86.4	58.8	W	W	23.8	NA	NA
1989	W	94.6	64.2	W	W	26.5	NA	NA
1990	W	104.4	83.8	W	W	37.6	NA	NA
1991	W	W	72.3	W	W	33.9	NA	NA
1992	W	W	69.6	W	W	32.0	—	W
1993	W	W	66.2	W	W	38.5	W	W
1994	W	W	61.8	W	—	—	—	67.4
1995	W	W	61.3	W	—	—	—	68.5
1996	W	W	71.0	73.8	—	—	—	82.1
1997	W	105.4	66.6	68.3	—	—	—	77.1
1998	W	91.7	53.0	55.5	—	—	—	53.2
Tennessee								
1983	125.4	119.8	86.9	95.2	68.9	51.6	110.3	90.1
1984	122.9	116.6	82.9	88.0	69.9	48.6	92.8	90.5
1985	W	111.1	78.7	88.4	74.3	43.7	88.0	86.2
1986	W	88.3	51.5	60.2	71.9	34.4	66.4	60.1
1987	W	80.8	54.2	53.5	71.9	31.4	83.9	59.8
1988	88.9	80.8	51.6	54.7	75.7	30.2	96.4	54.8
1989	W	91.9	58.6	63.2	72.2	30.0	87.8	67.8
1990	W	103.5	75.3	79.8	W	50.6	101.5	88.6
1991	W	101.6	65.1	70.3	W	42.3	93.2	74.3
1992	W	97.4	61.5	66.1	W	38.5	104.3	65.3
1993	96.3	94.7	56.5	61.6	W	40.0	85.1	61.8
1994	94.5	92.6	52.9	57.5	—	—	77.8	62.0
1995	100.7	94.0	53.1	57.4	—	—	83.3	58.5
1996	109.0	104.4	63.1	67.4	—	—	83.3	72.8
1997	112.0	106.1	59.2	63.4	—	—	82.8	66.4
1998	W	90.9	43.9	47.9	—	—	66.3	48.5
Wisconsin								
1983	123.2	120.9	91.1	95.2	W	48.6	W	80.5
1984	115.8	117.7	87.1	93.0	75.7	46.2	—	84.9
1985	110.3	112.6	83.5	89.8	W	41.3	—	78.0
1986	99.9	89.5	60.1	65.6	W	32.6	—	60.4
1987	82.7	85.3	57.8	63.0	59.1	26.1	—	59.3
1988	W	83.5	55.5	59.4	58.2	25.1	—	55.0
1989	W	W	62.5	65.7	57.8	27.7	W	68.5
1990	W	W	80.8	83.1	W	41.0	W	80.8
1991	W	97.5	71.0	71.7	65.5	35.1	W	75.0
1992	W	96.7	62.6	65.6	68.4	32.6	W	70.9
1993	W	95.3	57.5	60.6	74.7	39.3	W	65.8
1994	W	95.3	53.8	55.2	—	—	W	61.3
1995	W	97.7	53.6	55.4	—	—	W	62.4
1996	W	W	64.7	67.7	—	—	W	76.6
1997	W	106.3	61.1	62.6	—	—	W	69.6
1998	W	W	45.6	48.5	—	—	114.9	51.1

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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
PAD District III								
1983	119.7	118.1	84.8	83.0	48.7	47.0	91.3	83.9
1984	117.9	113.1	81.8	80.5	45.6	43.3	88.0	85.5
1985	114.5	109.3	76.9	77.4	42.6	37.7	85.8	81.3
1986	96.7	86.9	48.7	47.7	48.1	26.3	61.5	51.0
1987	87.4	81.8	52.4	52.4	42.8	24.1	66.2	55.2
1988	86.3	81.4	48.4	47.1	42.5	22.7	57.8	48.6
1989	97.1	88.6	56.1	55.3	33.9	22.7	57.8	59.2
1990	110.7	100.2	74.1	75.2	43.3	36.6	87.6	75.8
1991	103.4	93.3	62.7	62.8	48.8	34.7	82.4	62.4
1992	99.9	91.0	58.3	58.0	40.6	32.5	75.2	58.9
1993	93.8	85.9	54.4	54.5	41.4	32.4	74.3	54.3
1994	90.9	83.3	50.6	51.1	63.5	30.9	W	51.9
1995	97.3	89.1	50.8	51.4	61.3	32.9	W	53.7
1996	102.6	96.8	61.8	61.9	73.8	43.3	58.0	66.2
1997	99.9	98.6	57.4	58.0	68.3	39.4	79.8	57.9
1998	90.4	80.7	42.7	41.9	57.1	27.6	38.9	41.7
Alabama								
1983	122.4	120.0	91.0	85.3	W	49.8	101.7	92.4
1984	119.1	119.0	88.0	79.2	W	48.1	98.6	93.5
1985	117.6	114.9	83.3	76.5	W	41.5	90.0	90.2
1986	96.7	94.4	60.1	48.8	W	29.7	W	62.1
1987	87.1	86.2	59.2	51.0	W	27.2	77.2	56.2
1988	86.8	86.4	55.0	53.7	W	25.4	111.0	48.6
1989	97.7	95.1	62.6	58.0	65.8	26.0	94.2	66.4
1990	111.0	106.4	80.8	80.8	73.1	42.5	116.5	92.8
1991	105.9	103.4	67.9	69.3	80.7	39.4	W	77.9
1992	102.9	99.8	63.9	65.6	79.0	36.1	118.4	65.1
1993	97.4	95.8	59.6	61.5	79.3	35.3	NA	60.8
1994	93.4	92.2	55.5	55.9	—	—	NA	62.9
1995	100.0	96.3	54.8	56.3	—	—	132.7	60.1
1996	107.4	102.6	65.0	64.1	—	—	W	75.5
1997	109.5	106.7	61.3	64.1	—	—	W	68.1
1998	94.4	92.6	45.9	48.2	—	—	121.8	49.7
Arkansas								
1983	W	115.3	88.0	90.3	62.5	49.8	99.8	86.3
1984	W	113.2	84.4	87.3	64.5	48.5	W	87.3
1985	111.5	111.1	80.4	82.4	74.2	43.1	93.2	82.6
1986	101.9	89.7	53.1	60.4	67.9	30.0	W	56.2
1987	W	84.3	54.9	58.3	62.1	30.0	W	59.0
1988	W	83.3	49.4	57.8	64.8	27.3	W	52.6
1989	W	91.2	57.7	63.9	64.9	29.8	W	65.4
1990	W	100.4	79.6	80.3	81.3	46.4	W	74.1
1991	W	96.9	67.7	70.3	87.9	41.1	W	69.6
1992	99.7	W	61.0	67.8	W	37.8	W	65.1
1993	W	W	60.1	60.8	W	39.3	W	59.5
1994	W	W	58.1	57.0	—	—	W	52.1
1995	W	W	57.8	56.8	—	—	W	52.7
1996	W	W	69.2	68.3	—	—	W	67.2
1997	W	W	63.3	60.5	—	—	W	W
1998	W	85.5	47.2	48.3	—	—	W	W

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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
Louisiana								
1983	118.8	119.2	84.4	82.7	52.7	47.8	92.4	81.7
1984	118.8	113.6	81.9	79.9	49.9	44.3	93.0	81.6
1985	116.8	110.9	77.0	77.5	43.6	38.2	88.3	84.1
1986	W	93.4	49.6	47.6	48.7	27.7	63.7	51.5
1987	W	84.3	52.7	52.0	50.4	24.2	63.4	53.4
1988	W	84.0	48.7	46.4	49.6	22.9	51.1	47.3
1989	W	93.8	55.6	54.4	47.0	22.4	66.1	58.0
1990	111.0	103.1	78.1	73.8	67.0	36.7	82.7	81.8
1991	W	98.2	63.0	60.2	66.7	34.2	W	61.5
1992	W	98.1	57.9	57.4	35.7	31.8	W	59.7
1993	W	89.7	54.3	54.1	36.3	32.0	W	53.5
1994	W	88.2	50.9	51.4	—	—	W	49.7
1995	98.0	92.8	50.6	51.3	—	—	W	52.3
1996	103.8	101.8	61.7	61.1	—	—	W	62.4
1997	106.9	101.8	57.0	56.8	—	—	W	56.6
1998	92.2	85.0	42.7	40.9	—	—	W	40.4
Mississippi								
1983	120.4	113.2	83.0	82.6	W	48.6	92.7	79.6
1984	W	112.1	81.5	79.7	W	46.6	84.8	79.1
1985	115.8	109.4	78.9	75.0	61.7	40.3	86.4	75.0
1986	101.5	86.1	46.0	49.6	65.9	29.1	65.0	44.5
1987	85.5	82.6	53.6	52.2	69.2	26.1	59.0	W
1988	84.4	82.1	46.3	47.3	72.5	24.8	W	W
1989	96.0	92.8	52.9	55.1	73.8	24.5	W	W
1990	109.3	100.4	69.7	83.4	W	42.0	63.4	W
1991	103.8	97.5	61.9	63.3	W	36.7	W	W
1992	101.0	98.6	58.5	57.3	W	35.3	W	W
1993	95.2	94.6	53.4	54.7	W	34.5	W	W
1994	W	90.6	50.0	50.9	—	—	W	W
1995	W	93.2	50.3	49.9	—	—	W	52.8
1996	W	101.0	60.3	61.5	—	—	W	63.2
1997	W	104.6	56.9	58.4	—	—	W	W
1998	W	88.0	42.5	40.9	—	—	W	W
New Mexico								
1983	123.3	122.2	91.0	90.4	W	39.4	W	92.9
1984	W	118.1	85.8	83.4	W	35.0	89.0	93.7
1985	117.3	114.8	84.2	85.9	62.4	33.1	W	92.2
1986	92.7	95.1	59.3	59.0	56.4	22.6	64.9	66.9
1987	W	89.9	57.8	59.3	52.8	18.2	W	67.2
1988	W	88.8	56.3	58.9	53.1	23.0	W	62.4
1989	W	W	64.6	64.6	52.6	22.3	W	73.9
1990	W	W	81.2	79.3	66.2	38.7	W	90.9
1991	W	W	65.3	68.1	47.4	34.6	W	83.4
1992	W	W	61.7	64.0	32.4	30.7	W	79.7
1993	W	W	60.8	60.5	W	33.8	W	77.4
1994	W	W	54.5	55.0	—	—	W	W
1995	W	W	56.1	54.0	—	—	W	W
1996	W	W	68.0	65.8	—	—	W	92.6
1997	W	W	64.6	63.4	—	—	W	W
1998	W	W	48.1	49.4	—	—	—	W

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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
Texas								
1983	119.1	118.2	84.7	82.8	48.2	47.0	87.7	85.3
1984	116.6	112.1	81.6	80.6	43.5	43.1	86.4	86.7
1985	113.1	108.2	76.5	77.5	36.9	37.5	83.5	84.2
1986	95.1	84.7	48.1	47.3	36.0	25.9	55.9	56.3
1987	89.8	80.2	52.0	52.5	31.3	24.0	60.4	57.7
1988	87.1	79.7	48.2	47.1	30.2	22.3	54.1	51.3
1989	96.3	85.8	56.1	55.3	22.2	22.1	56.4	62.3
1990	110.8	98.4	73.0	74.6	34.5	35.6	81.8	77.1
1991	103.4	90.8	62.6	63.4	35.4	34.3	75.9	67.4
1992	99.2	87.6	58.3	58.0	33.7	32.1	67.1	62.0
1993	92.6	82.4	54.2	54.5	32.1	31.8	NA	55.6
1994	90.6	80.0	50.3	50.9	—	—	W	55.1
1995	96.1	86.3	50.5	51.6	—	—	W	53.4
1996	100.4	94.1	61.6	62.1	—	—	NA	67.9
1997	92.7	95.2	57.3	58.0	—	—	66.3	57.0
1998	87.2	76.6	42.5	41.9	—	—	W	43.8
PAD District IV								
1983	126.9	124.1	89.9	91.7	63.3	45.6	100.6	92.0
1984	124.2	120.7	86.7	87.9	65.6	41.4	104.0	91.7
1985	121.6	117.6	82.0	84.1	65.7	37.7	W	87.0
1986	100.7	98.3	54.2	64.4	58.6	27.7	60.5	68.4
1987	93.4	92.8	55.7	60.9	54.2	21.4	W	68.0
1988	91.8	91.1	52.6	58.2	54.0	21.7	W	57.2
1989	101.2	97.5	60.6	64.7	56.7	23.9	59.1	65.4
1990	109.0	104.8	77.1	79.5	71.6	36.4	W	86.8
1991	105.5	100.6	67.9	70.4	74.7	31.9	W	80.1
1992	107.3	102.6	63.9	68.4	76.1	28.4	W	72.7
1993	102.2	100.9	61.6	64.6	75.5	35.1	W	74.1
1994	101.1	97.2	57.7	62.0	72.1	31.6	W	66.1
1995	102.2	98.1	60.5	63.4	70.0	33.3	W	69.1
1996	110.9	104.7	73.8	77.2	84.9	46.8	W	81.9
1997	111.4	106.2	71.0	67.3	83.2	42.7	W	78.9
1998	99.1	93.0	54.8	52.5	70.6	28.8	W	62.5
Colorado								
1983	W	123.7	87.3	89.8	55.0	49.7	103.5	93.1
1984	W	118.8	85.0	86.3	55.7	43.8	103.6	92.7
1985	W	115.3	80.2	82.1	52.5	37.5	W	91.9
1986	W	94.5	52.9	63.9	44.2	29.4	W	68.5
1987	W	89.5	54.7	59.5	35.6	21.7	W	68.7
1988	W	88.7	51.0	55.8	36.6	22.0	W	54.3
1989	W	93.2	58.1	62.4	51.4	23.0	W	64.4
1990	W	102.5	75.4	77.3	51.2	38.7	W	84.4
1991	W	97.3	65.8	67.3	W	33.5	—	77.4
1992	W	100.1	60.3	65.0	73.3	30.1	W	W
1993	W	99.3	57.4	60.5	67.1	36.2	—	W
1994	95.8	96.4	53.8	58.1	—	—	—	62.9
1995	98.5	96.9	54.6	57.7	—	—	—	66.3
1996	106.3	102.5	65.8	69.5	—	—	—	78.7
1997	W	W	62.6	63.7	—	—	—	76.0
1998	W	W	47.5	49.2	—	—	—	56.8

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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								
1983	125.7	119.3	100.2	102.2	W	49.5	—	—
1984	W	125.0	93.8	97.0	W	51.3	—	—
1985	W	122.3	90.2	95.9	80.5	45.8	—	—
1986	W	W	59.4	67.3	W	38.2	—	—
1987	96.0	W	59.3	65.9	69.5	23.0	—	—
1988	W	98.6	57.3	62.4	69.5	27.8	NA	NA
1989	W	110.8	66.5	69.9	66.5	28.0	NA	NA
1990	W	W	82.0	83.5	W	36.4	NA	W
1991	W	113.4	74.3	79.1	W	34.3	NA	W
1992	W	112.6	73.5	77.3	W	28.7	—	W
1993	W	111.6	73.2	76.6	W	40.3	—	W
1994	W	W	67.6	69.9	—	—	—	W
1995	W	W	69.5	70.5	—	—	—	W
1996	W	W	81.8	81.6	—	—	—	W
1997	W	W	81.7	78.4	—	—	—	W
1998	W	W	59.1	59.9	—	—	—	67.8
Montana								
1983	W	128.7	98.1	W	51.4	43.0	—	—
1984	W	123.9	94.9	89.3	61.9	41.1	—	—
1985	W	119.2	89.7	83.8	61.7	36.9	—	—
1986	W	100.5	65.0	54.1	53.5	25.8	—	—
1987	W	95.7	59.1	W	50.3	19.5	—	—
1988	W	W	58.5	63.7	50.0	19.6	NA	NA
1989	W	W	64.7	W	52.4	23.4	NA	NA
1990	W	W	84.5	W	W	35.2	W	NA
1991	W	W	73.8	W	W	28.9	W	NA
1992	W	W	73.7	W	W	27.0	—	—
1993	W	W	72.8	W	W	33.8	—	W
1994	W	W	67.8	W	—	—	—	65.0
1995	W	W	71.8	74.2	—	—	—	70.5
1996	W	W	77.8	80.0	—	—	—	81.3
1997	W	W	80.2	81.8	—	—	—	75.6
1998	W	W	64.6	69.6	—	—	—	W
Utah								
1983	126.8	124.5	94.8	98.0	W	45.6	—	—
1984	118.9	120.1	89.5	94.8	W	44.2	—	—
1985	W	116.9	84.4	90.0	70.5	44.5	—	—
1986	99.1	98.1	54.7	67.4	W	29.5	—	—
1987	W	92.6	56.5	62.0	W	24.0	—	—
1988	87.8	89.1	53.3	61.5	W	25.2	NA	NA
1989	95.8	99.5	62.1	67.9	58.6	27.3	NA	NA
1990	W	104.9	77.6	82.6	W	37.1	NA	NA
1991	99.9	102.0	69.2	76.7	W	35.1	NA	W
1992	103.5	103.8	67.0	73.0	W	29.4	—	W
1993	101.0	101.0	66.3	69.2	W	37.2	—	W
1994	99.7	96.3	61.5	64.4	—	—	—	W
1995	99.5	96.0	65.4	69.7	—	—	—	W
1996	107.3	103.7	81.9	83.6	—	—	—	W
1997	111.7	104.0	76.9	81.4	—	—	—	W
1998	W	95.1	59.3	61.4	—	—	—	W

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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
Wyoming								
1983	W	128.3	99.3	98.2	W	43.1	—	—
1984	W	120.5	95.3	96.6	74.3	39.2	—	—
1985	118.4	117.7	88.1	92.5	71.9	35.2	—	—
1986	W	W	61.5	68.7	65.2	26.4	—	—
1987	92.0	93.5	62.2	64.1	W	21.1	—	—
1988	91.9	93.1	62.4	58.9	W	21.0	NA	NA
1989	100.0	W	68.3	65.4	56.7	23.5	NA	NA
1990	110.5	W	87.1	85.2	54.7	34.8	NA	W
1991	W	W	81.7	79.1	69.7	31.0	NA	W
1992	W	W	79.4	W	55.5	27.2	—	—
1993	103.5	W	77.1	72.1	53.5	33.9	W	W
1994	W	W	71.4	W	—	—	W	W
1995	W	W	72.0	74.5	—	—	W	W
1996	W	102.8	78.9	W	—	—	W	—
1997	W	W	77.8	W	—	—	W	W
1998	W	W	58.9	57.8	—	—	W	W
PAD District V								
1983	126.7	121.0	90.1	87.3	W	53.1	108.1	91.7
1984	126.4	119.2	85.8	84.2	83.3	52.8	106.9	88.8
1985	123.7	117.9	81.8	80.7	W	50.5	143.7	88.9
1986	106.7	99.4	55.0	49.9	78.5	36.2	64.1	61.9
1987	94.6	92.7	55.4	54.5	74.2	30.3	60.4	61.9
1988	93.3	91.8	52.9	51.3	74.6	29.8	65.4	64.0
1989	104.8	103.9	61.6	61.1	70.9	29.9	69.2	70.9
1990	116.5	113.8	79.1	78.8	W	40.4	95.7	92.4
1991	108.6	107.1	66.7	66.0	W	38.2	W	78.1
1992	110.3	107.6	62.8	61.8	79.9	33.0	W	66.4
1993	108.9	105.8	62.1	61.8	79.1	39.1	73.6	66.0
1994	104.6	100.1	55.8	55.4	96.0	39.5	64.3	64.2
1995	112.6	105.1	57.2	57.7	92.2	41.0	W	67.6
1996	125.2	117.2	67.8	67.0	96.9	49.3	W	77.3
1997	124.9	118.7	64.4	66.1	100.9	47.0	63.0	77.3
1998	104.1	104.3	46.4	48.0	89.8	34.8	127.8	53.5
Alaska								
1983	144.2	135.4	90.7	91.4	W	55.9	—	—
1984	W	135.6	87.4	W	106.2	58.5	—	—
1985	W	W	81.9	82.2	112.1	59.8	—	—
1986	W	105.6	56.2	53.8	W	54.7	—	—
1987	W	99.9	55.8	57.1	W	57.3	—	—
1988	W	97.8	55.9	56.5	W	W	NA	NA
1989	W	112.8	63.3	65.4	106.4	56.0	NA	NA
1990	W	121.6	83.3	84.1	W	W	W	W
1991	W	W	74.2	71.8	W	46.6	W	W
1992	W	W	69.5	66.7	W	W	—	—
1993	W	119.5	66.9	65.0	W	W	—	—
1994	W	113.9	61.2	58.4	—	—	—	—
1995	W	119.8	61.3	58.9	—	—	—	W
1996	W	135.2	70.5	70.4	—	—	—	W
1997	W	130.6	67.1	68.4	—	—	—	W
1998	W	109.1	49.0	53.1	—	—	W	—

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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
Arizona								
1983	121.7	122.7	90.6	96.3	W	W	—	—
1984	121.5	122.9	86.6	89.3	W	W	—	—
1985	119.9	121.2	83.7	90.8	W	W	—	—
1986	101.5	105.2	57.4	65.3	W	36.0	—	—
1987	99.9	98.7	58.9	62.3	W	29.9	—	—
1988	W	97.6	56.0	55.8	W	27.4	NA	NA
1989	107.6	110.1	64.8	66.1	W	30.7	NA	NA
1990	122.8	116.4	81.6	83.3	W	47.0	W	W
1991	111.6	106.2	67.9	69.7	W	42.7	W	W
1992	107.1	101.7	63.7	65.9	W	47.4	W	W
1993	101.3	100.2	63.3	65.6	W	41.1	W	W
1994	98.4	94.9	57.2	59.1	—	—	W	W
1995	104.4	98.2	58.6	61.4	—	—	W	W
1996	110.7	107.5	69.0	70.3	—	—	W	W
1997	111.0	112.3	66.1	67.4	—	—	W	W
1998	W	99.5	47.9	49.4			W	W
California								
1983	116.5	116.3	89.2	85.4	W	52.8	—	—
1984	116.0	114.6	84.8	82.3	82.0	52.4	—	—
1985	114.5	112.9	81.1	79.6	82.8	50.7	—	—
1986	100.0	95.1	53.9	48.5	78.2	36.1	—	—
1987	93.4	88.3	54.5	54.0	73.8	30.1	—	—
1988	91.7	87.7	51.9	50.3	74.2	30.8	NA	NA
1989	103.9	98.7	60.8	60.0	66.9	31.2	NA	NA
1990	116.0	110.0	77.8	78.4	W	41.6	NA	W
1991	105.3	103.1	64.8	65.2	W	38.9	NA	W
1992	109.4	103.7	61.2	61.0	W	33.5	—	64.0
1993	107.0	102.2	60.8	60.8	W	40.4	—	64.6
1994	101.5	95.9	54.4	54.6	—	—	W	62.6
1995	107.4	99.7	56.0	56.7	—	—	W	63.6
1996	119.6	112.5	66.9	66.3	—	—	W	70.7
1997	123.2	115.0	63.6	64.3	—	—	W	68.8
1998	108.2	99.8	45.6	46.2			—	51.7
Hawaii								
1983	W	W	93.1	W	—	W	—	—
1984	W	W	88.4	95.7	W	W	—	—
1985	W	W	83.8	W	—	W	—	—
1986	W	W	58.9	W	—	W	—	—
1987	W	W	58.1	W	—	W	—	—
1988	W	W	54.6	W	—	W	NA	NA
1989	W	W	62.0	W	—	W	NA	NA
1990	W	W	80.8	W	—	W	NA	NA
1991	W	W	69.8	69.4	—	W	NA	NA
1992	W	W	66.1	W	W	W	—	—
1993	W	W	64.6	67.8	W	51.1	—	—
1994	W	W	58.2	W	—	—	—	—
1995	W	W	60.0	W	—	—	—	—
1996	W	W	70.8	W	—	—	—	—
1997	—	W	67.9	W	—	—	—	—
1998	—	W	49.5	51.6			—	—

See footnotes at end of table.

**Table A2. Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane		Kerosene	
	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
Nevada								
1983	121.3	121.2	91.3	90.8	W	54.9	—	—
1984	118.8	120.8	87.1	90.1	W	55.4	—	—
1985	W	119.7	84.0	95.1	W	50.1	—	—
1986	W	W	57.4	70.5	W	36.4	—	—
1987	W	98.2	57.7	58.8	W	29.1	—	—
1988	W	92.7	55.1	54.1	W	30.4	NA	NA
1989	W	104.9	64.7	63.4	88.4	31.8	NA	NA
1990	W	116.4	84.5	81.9	W	43.1	NA	W
1991	114.2	107.2	67.5	68.5	W	42.9	NA	W
1992	W	W	63.5	66.5	W	36.0	—	—
1993	W	101.4	63.3	64.3	W	40.8	—	—
1994	W	98.9	57.1	58.6	—	—	—	W
1995	W	105.5	58.8	59.6	—	—	—	W
1996	W	107.2	69.4	70.2	—	—	—	W
1997	W	111.9	66.4	68.2	—	—	—	W
1998	W	98.7	48.3	50.9	—	—	—	W
Oregon								
1983	122.8	121.7	91.3	100.7	W	W	—	—
1984	W	119.5	86.7	96.5	W	52.2	—	—
1985	W	117.5	83.1	89.9	81.1	50.4	—	—
1986	W	99.2	57.2	59.6	W	35.9	—	—
1987	W	95.4	58.4	62.9	72.1	29.7	—	—
1988	W	94.3	54.5	59.9	72.9	32.4	NA	NA
1989	W	108.2	64.3	68.1	75.0	34.1	NA	NA
1990	W	113.2	80.1	84.7	W	44.0	NA	NA
1991	W	105.9	67.6	70.9	W	44.8	W	W
1992	W	106.1	63.1	69.2	W	36.6	W	W
1993	W	102.8	62.4	67.5	W	44.9	W	W
1994	W	96.5	56.2	59.3	—	—	W	62.8
1995	W	101.3	57.8	62.6	—	—	—	69.3
1996	W	W	69.0	72.4	—	—	—	80.7
1997	W	117.5	64.0	67.5	—	—	W	80.0
1998	W	W	46.1	48.6	—	—	—	54.4
Washington								
1983	124.0	121.9	89.3	85.4	W	49.0	—	—
1984	123.4	119.6	85.3	83.9	W	45.7	—	—
1985	121.0	117.2	81.4	80.2	80.1	42.3	—	—
1986	103.8	100.1	54.1	49.9	W	32.2	—	—
1987	97.3	92.5	54.3	53.2	W	25.7	—	—
1988	96.1	92.7	51.1	49.5	W	20.8	NA	NA
1989	107.7	104.8	60.8	61.4	W	21.9	NA	NA
1990	116.9	113.1	76.7	73.1	W	32.3	NA	NA
1991	W	106.8	64.3	65.6	W	29.8	NA	W
1992	W	107.3	61.5	62.0	W	25.4	—	68.2
1993	109.0	W	61.3	61.5	W	32.3	W	W
1994	W	W	55.2	54.1	—	—	W	67.2
1995	W	W	56.7	58.5	—	—	—	69.5
1996	W	W	66.9	70.0	—	—	W	80.5
1997	W	W	63.4	70.8	—	—	W	82.3
1998	W	W	45.4	47.4	—	—	W	55.7

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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 A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**
(Cents per Gallon Excluding Taxes)

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
United States								
1983	96.2	89.6	83.9	81.2	76.6	72.6	65.1	60.9
1984	92.7	89.2	83.7	81.3	79.6	70.7	69.6	65.8
1985	88.0	86.3	79.9	77.4	77.3	67.2	62.3	58.2
1986	62.0	57.9	49.1	47.0	48.9	40.9	35.8	31.5
1987	60.4	59.9	55.6	53.1	51.3	46.2	42.6	39.9
1988	56.4	54.9	50.7	47.3	46.1	42.5	33.9	31.5
1989	66.1	66.8	58.5	56.6	51.2	48.0	39.3	37.8
1990	81.9	83.8	72.6	69.5	62.2	59.0	45.5	43.4
1991	74.0	73.0	65.0	61.8	58.0	55.6	34.7	33.0
1992	66.6	65.2	62.0	58.5	52.6	49.5	34.6	32.6
1993	66.6	64.6	60.2	55.9	50.1	48.8	34.1	30.1
1994	64.0	61.5	55.6	52.2	50.1	46.2	35.8	32.2
1995	62.0	62.5	56.0	53.0	50.5	46.3	39.7	36.6
1996	72.6	75.1	68.0	65.3	60.3	60.3	46.4	42.7
1997	68.9	72.3	64.2	60.2	56.5	55.1	42.9	39.6
1998	55.1	51.3	49.2	43.9	42.8	38.3	31.1	28.4
PAD District I								
1983	92.9	91.3	87.1	82.3	79.4	77.5	66.2	63.6
1984	90.2	90.8	87.9	83.3	81.8	80.9	71.3	69.7
1985	87.4	86.7	82.7	78.6	78.1	76.0	64.3	62.9
1986	63.7	60.3	52.8	50.4	51.5	47.3	37.6	36.1
1987	57.8	58.9	57.2	53.2	52.0	47.2	43.8	43.3
1988	57.4	54.5	53.1	48.3	47.2	46.1	35.2	34.8
1989	66.4	66.4	59.0	57.4	52.0	51.1	41.6	41.6
1990	82.3	83.9	73.7	70.3	64.9	64.6	47.6	48.3
1991	77.3	73.7	66.6	63.7	59.3	58.1	36.0	37.5
1992	65.5	62.5	62.7	58.3	53.6	50.1	36.2	37.1
1993	64.5	60.8	59.8	54.8	51.2	49.4	35.7	34.5
1994	67.7	66.5	55.9	51.7	51.4	47.9	37.3	35.1
1995	61.1	58.5	55.5	51.9	51.4	48.8	41.5	39.5
1996	73.5	72.9	67.9	64.8	63.8	61.6	49.1	46.7
1997	71.7	67.8	63.6	59.1	W	56.5	43.8	42.4
1998	53.8	46.2	48.5	42.9	W	40.4	32.3	31.2
Subdistrict IA								
1983	92.0	92.2	96.9	82.3	79.4	W	65.4	61.0
1984	90.8	88.9	94.2	84.6	81.9	79.2	71.2	68.7
1985	87.9	86.9	87.8	80.6	76.2	W	63.4	63.7
1986	63.7	63.4	59.0	53.8	50.6	45.7	36.2	37.2
1987	63.2	61.5	59.6	53.9	53.7	45.0	42.3	42.3
1988	57.2	57.1	57.5	50.3	48.7	43.5	34.2	34.3
1989	65.8	70.8	63.5	59.0	52.0	48.0	40.2	39.2
1990	80.3	86.9	76.7	72.8	66.6	61.3	43.7	42.5
1991	74.2	78.7	69.1	66.4	W	55.6	33.8	34.5
1992	63.2	63.9	64.0	58.1	W	W	33.3	35.7
1993	61.5	61.4	61.4	55.1	W	W	34.9	33.6
1994	65.9	66.7	59.9	52.4	W	W	36.0	35.3
1995	62.7	62.2	59.2	52.4	W	W	40.0	39.9
1996	75.5	76.0	69.5	65.6	W	W	47.7	45.5
1997	75.1	71.9	64.4	60.6	W	W	43.5	41.6
1998	55.7	55.2	51.2	44.2	W	W	32.9	30.5

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Connecticut								
1983	W	93.3	102.6	82.3	—	—	67.8	W
1984	W	97.0	101.6	84.6	—	—	73.1	69.3
1985	86.2	91.6	96.1	80.1	—	—	65.2	61.2
1986	65.4	64.1	66.3	54.9	—	—	38.9	36.0
1987	63.7	61.3	57.8	54.4	—	—	43.5	43.1
1988	W	55.2	50.6	49.8	—	—	35.8	36.4
1989	67.7	65.9	60.6	59.1	—	—	42.1	42.5
1990	82.8	83.0	75.3	73.7	—	—	45.0	48.4
1991	76.3	78.9	66.9	66.5	—	—	37.3	37.4
1992	64.8	64.2	62.8	58.5	—	—	35.7	35.4
1993	63.3	63.0	58.1	55.3	—	—	37.5	W
1994	63.2	66.8	54.9	52.7	W	W	44.6	37.7
1995	W	61.7	55.1	52.5	W	W	47.8	38.4
1996	W	75.4	69.5	65.5	W	W	55.1	46.2
1997	W	71.2	63.1	60.3	W	W	44.5	45.4
1998	W	54.2	47.2	42.9	W	W	34.7	33.9
Maine								
1983	93.8	91.5	86.3	83.4	—	—	W	62.3
1984	97.0	93.6	88.9	84.8	—	—	70.7	67.9
1985	95.0	88.1	83.3	80.7	—	—	64.1	63.0
1986	69.3	64.2	52.7	53.1	—	—	35.2	34.5
1987	67.8	61.9	58.9	53.6	—	—	41.7	40.9
1988	59.2	57.5	56.0	49.7	—	—	33.2	32.2
1989	66.7	72.9	59.6	59.8	—	—	40.4	39.7
1990	78.9	84.6	74.5	70.8	—	—	41.5	44.9
1991	77.2	77.1	66.7	66.0	—	—	34.0	32.7
1992	62.8	64.0	60.8	58.2	—	—	34.9	31.7
1993	62.4	62.4	56.6	54.7	—	—	34.4	34.2
1994	W	67.1	55.3	52.4	W	W	34.7	35.3
1995	66.0	61.9	53.9	52.3	—	W	38.8	39.7
1996	W	75.9	67.5	66.8	—	—	46.1	44.8
1997	—	75.8	61.5	61.5	—	—	43.9	40.1
1998	—	51.4	45.5	44.4	—	—	34.1	30.7
Massachusetts								
1983	93.3	92.7	97.1	81.9	—	—	63.4	60.4
1984	92.1	W	91.9	84.2	—	—	69.6	68.5
1985	88.6	84.9	85.0	80.6	—	—	61.5	65.1
1986	60.2	62.5	57.0	53.1	—	—	35.1	38.1
1987	61.6	61.2	58.6	53.6	—	—	41.7	42.2
1988	56.3	56.8	58.2	51.0	—	—	33.6	34.1
1989	66.8	70.7	65.4	58.4	—	—	38.4	38.6
1990	77.2	96.4	77.2	73.0	—	—	43.5	43.1
1991	76.9	W	70.4	66.6	—	—	32.5	35.5
1992	62.8	W	64.7	57.6	—	—	32.3	37.2
1993	W	57.9	63.2	55.2	—	—	35.1	33.0
1994	W	W	61.5	52.4	W	W	35.8	35.3
1995	W	W	61.1	52.4	W	W	40.8	40.6
1996	W	73.9	69.1	65.2	W	W	48.6	45.0
1997	W	69.8	65.5	60.6	W	W	42.9	40.9
1998	W	64.0	51.4	45.1	W	—	31.7	30.3

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
New Hampshire								
1983	—	—	87.3	81.5	—	—	W	NA
1984	—	—	91.7	85.6	—	—	68.8	67.8
1985	—	—	87.2	82.3	—	—	62.9	59.6
1986	—	—	58.4	54.3	—	—	33.4	37.9
1987	—	—	62.4	55.2	—	—	42.8	39.1
1988	NA	NA	62.0	49.6	—	—	33.2	36.3
1989	NA	NA	61.4	61.1	—	—	39.3	39.8
1990	W	W	75.6	71.9	—	—	45.8	W
1991	W	W	66.8	67.6	—	—	33.8	27.8
1992	W	W	60.1	59.7	—	—	31.6	32.0
1993	W	W	59.6	56.2	—	—	30.7	W
1994	W	65.8	63.2	53.6	W	W	35.2	32.9
1995	W	W	61.7	52.5	W	—	38.1	37.6
1996	W	W	76.0	66.7	W	—	44.7	41.7
1997	W	W	70.5	60.7	W	—	43.3	41.1
1998	W	W	63.0	43.3	W	—	32.7	26.5
Rhode Island								
1983	—	—	91.1	82.1	—	—	W	62.6
1984	—	—	91.1	84.8	—	—	75.5	72.1
1985	—	—	86.7	80.1	—	—	70.0	64.0
1986	—	—	54.7	54.9	—	—	40.3	37.6
1987	—	—	60.2	53.6	—	—	48.3	44.3
1988	NA	NA	56.3	48.5	—	—	39.9	36.2
1989	NA	NA	63.9	59.8	—	—	43.2	39.4
1990	W	NA	81.4	72.9	—	—	46.8	47.8
1991	W	NA	68.3	65.5	—	—	40.9	37.6
1992	W	W	67.1	57.5	—	—	37.9	35.2
1993	W	W	62.2	54.1	—	—	39.5	37.8
1994	W	W	61.1	51.5	W	—	39.5	39.8
1995	W	W	61.2	52.2	W	—	41.9	39.8
1996	W	W	69.9	65.8	W	—	50.7	49.6
1997	W	W	63.2	60.2	W	—	47.7	45.9
1998	W	W	47.8	44.3	W	—	39.4	W
Vermont								
1983	—	—	89.0	86.3	—	—	W	W
1984	—	—	97.1	85.6	—	—	72.9	76.3
1985	—	—	92.2	82.4	—	—	65.4	70.1
1986	—	—	66.0	58.9	—	—	42.1	34.1
1987	—	—	67.2	56.6	—	—	44.3	46.1
1988	NA	NA	66.2	52.4	—	—	36.6	36.8
1989	NA	NA	61.9	61.8	—	—	40.9	40.9
1990	W	W	77.1	72.0	—	—	47.9	45.6
1991	W	W	69.1	66.7	—	—	35.8	W
1992	W	W	62.8	60.7	—	—	36.2	W
1993	W	W	60.5	58.2	—	—	37.3	W
1994	W	W	58.6	55.5	W	—	37.6	W
1995	W	W	56.3	54.8	W	W	41.3	W
1996	W	W	64.0	64.2	W	—	46.4	W
1997	W	W	65.2	62.1	W	—	45.8	W
1998	W	W	73.6	W	W	—	35.4	—

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Subdistrict IB								
1983	93.9	92.1	88.6	82.3	79.1	78.0	67.7	66.1
1984	90.5	92.6	90.5	83.5	81.9	81.8	72.2	71.1
1985	87.3	86.9	84.7	78.3	78.9	77.1	65.8	63.9
1986	62.9	61.2	56.0	51.1	52.2	48.6	39.8	36.4
1987	56.5	59.3	59.8	53.1	52.3	48.2	45.1	44.0
1988	58.9	53.6	56.4	48.6	47.7	46.7	37.0	35.5
1989	67.4	65.7	60.5	58.0	52.9	52.2	43.3	42.6
1990	82.8	81.9	75.3	70.3	65.0	65.4	51.5	51.4
1991	80.7	72.7	69.5	64.1	59.5	58.7	38.6	39.8
1992	66.8	61.8	64.6	58.2	W	51.2	39.1	38.2
1993	66.2	61.0	61.5	54.6	51.5	50.7	39.3	35.8
1994	69.0	67.0	58.3	51.9	51.5	48.4	41.1	35.4
1995	60.3	57.8	57.4	51.8	51.4	49.3	44.8	40.0
1996	73.4	72.5	71.0	65.4	64.0	63.1	54.1	48.6
1997	72.6	67.2	66.1	59.1	W	57.0	45.6	43.2
1998	52.6	48.1	50.4	42.7	W	40.4	32.5	31.8
Delaware								
1983	—	—	87.1	81.0	—	—	66.9	W
1984	—	—	86.8	80.0	—	—	71.3	70.5
1985	—	—	84.0	74.9	—	—	65.1	66.1
1986	—	—	52.3	44.7	—	—	40.1	29.4
1987	—	—	55.2	51.9	—	—	42.9	45.1
1988	NA	NA	49.4	46.8	—	—	34.6	32.8
1989	NA	NA	57.7	W	—	—	42.1	37.3
1990	NA	W	78.6	W	—	—	46.9	42.1
1991	NA	W	64.4	W	—	—	35.7	36.2
1992	62.6	W	61.2	W	—	—	36.3	32.6
1993	65.3	W	57.5	54.0	—	—	35.2	27.3
1994	W	—	55.7	51.2	W	—	36.8	NA
1995	—	—	54.8	W	W	—	39.2	35.9
1996	W	W	67.3	W	W	—	46.1	43.3
1997	W	—	62.0	W	W	—	41.9	37.3
1998	W	—	45.8	W	W	—	30.5	27.5
District of Columbia								
1983	—	—	91.3	83.0	—	—	W	—
1984	—	—	90.1	83.6	—	—	77.4	W
1985	—	—	82.4	78.7	—	—	72.8	W
1986	—	—	49.6	49.4	—	—	47.1	W
1987	—	—	52.2	53.8	—	—	49.4	W
1988	NA	NA	49.4	48.7	—	—	45.6	W
1989	NA	NA	60.1	60.8	—	—	52.3	W
1990	W	NA	66.0	67.9	—	—	55.2	55.7
1991	W	NA	59.3	64.8	—	—	47.8	—
1992	—	—	59.4	57.2	—	—	43.9	—
1993	—	—	W	56.6	—	—	41.2	—
1994	—	—	W	52.2	W	—	W	—
1995	—	—	52.5	52.9	W	—	W	—
1996	—	—	61.1	71.4	W	—	44.0	—
1997	—	W	58.8	W	W	—	47.9	—
1998	—	—	47.0	W	W	—	W	—

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Maryland								
1983	—	—	87.4	82.6	—	—	65.5	64.9
1984	—	—	87.7	84.5	—	—	70.5	71.6
1985	—	—	81.4	79.7	—	—	62.9	62.3
1986	—	—	47.2	50.0	—	—	36.5	31.3
1987	—	—	52.9	53.7	—	—	44.8	45.8
1988	NA	NA	47.3	49.1	—	—	34.1	33.4
1989	NA	NA	55.9	59.1	—	—	40.2	38.5
1990	NA	NA	69.9	70.3	—	—	44.6	42.0
1991	NA	NA	63.4	64.4	—	—	33.7	30.7
1992	63.2	65.8	59.3	58.9	—	—	32.2	34.5
1993	65.2	64.3	56.5	55.4	—	—	33.8	33.3
1994	68.5	65.1	52.2	52.4	W	W	34.3	34.1
1995	59.3	56.6	52.5	52.1	W	W	39.1	36.7
1996	69.3	72.6	65.8	65.5	W	W	46.9	46.8
1997	69.5	67.9	60.1	60.0	W	W	43.4	41.3
1998	54.3	42.1	45.1	43.7	W	W	31.2	29.0
New Jersey								
1983	91.2	90.3	85.2	81.9	—	—	69.0	65.3
1984	89.0	95.0	87.4	82.6	—	—	72.0	71.0
1985	85.2	85.3	82.7	77.3	—	—	64.4	62.8
1986	65.1	62.8	54.6	52.7	—	—	37.7	37.0
1987	53.7	W	58.0	52.4	—	—	44.1	43.4
1988	57.1	53.5	53.4	48.1	—	—	35.9	34.6
1989	65.2	68.7	57.5	57.4	—	—	42.0	42.1
1990	80.0	69.9	72.8	69.9	—	—	48.6	50.9
1991	79.0	68.5	67.0	63.9	—	—	36.9	39.1
1992	62.5	58.7	61.9	57.8	—	—	36.0	36.9
1993	60.9	57.9	58.7	53.9	—	—	38.3	34.7
1994	W	W	55.3	50.8	53.8	49.9	40.3	35.4
1995	W	56.9	54.6	50.9	52.4	48.7	41.2	39.8
1996	W	70.9	68.9	64.5	65.1	61.8	49.0	47.5
1997	W	60.4	63.2	58.3	W	55.3	42.4	42.9
1998	W	51.3	47.2	41.8	W	39.0	30.0	31.6
New York								
1983	93.7	92.6	94.3	82.5	—	—	66.2	68.3
1984	93.5	90.5	94.3	85.2	—	—	72.4	71.7
1985	87.4	W	88.0	80.3	—	—	66.8	66.0
1986	61.7	60.7	62.3	51.9	—	—	42.1	38.4
1987	58.7	W	63.7	54.4	—	—	46.3	44.2
1988	W	56.7	60.9	50.2	—	—	38.5	37.5
1989	63.3	67.7	63.2	59.9	—	—	44.9	44.6
1990	84.1	87.8	78.4	71.6	—	—	54.0	53.6
1991	73.7	72.7	74.0	65.5	—	—	40.7	42.8
1992	64.3	62.7	68.2	58.6	—	—	41.6	41.7
1993	W	62.4	64.3	55.5	—	—	41.5	39.1
1994	W	62.2	61.9	53.1	W	W	44.4	38.9
1995	W	57.5	60.7	53.2	W	49.5	48.1	41.5
1996	W	73.5	74.3	66.5	W	63.5	58.1	50.7
1997	W	72.3	70.8	60.5	W	57.6	49.5	45.7
1998	W	50.3	53.2	44.1	W	41.2	34.3	33.2

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Pennsylvania								
1983	99.2	92.5	88.1	83.1	—	—	67.2	65.9
1984	91.3	94.3	90.9	84.3	—	—	72.8	69.8
1985	92.4	88.5	84.4	79.6	—	—	66.4	62.3
1986	62.0	61.3	56.2	48.5	—	—	38.3	34.6
1987	73.6	58.4	60.5	53.5	—	—	43.1	44.0
1988	65.2	51.9	57.4	48.1	—	—	35.9	34.1
1989	77.0	63.2	63.7	57.5	—	—	42.6	40.7
1990	91.7	81.5	77.7	70.0	—	—	48.8	48.9
1991	87.0	74.2	70.8	63.4	—	—	35.4	35.8
1992	72.8	62.3	65.5	58.5	—	—	35.5	34.5
1993	70.1	61.2	63.0	54.8	—	—	35.8	34.4
1994	80.3	72.4	60.5	52.2	W	W	37.2	36.1
1995	62.6	58.6	59.1	51.9	W	—	39.5	37.9
1996	75.8	72.5	72.8	65.6	W	—	47.3	47.1
1997	76.1	68.1	68.7	59.0	W	—	41.8	41.3
1998	52.2	46.6	53.1	42.7	W	—	30.9	30.6
Subdistrict IC								
1983	91.9	90.1	83.4	82.3	81.5	75.0	63.9	60.4
1984	89.3	90.5	83.1	81.9	80.4	W	69.0	66.8
1985	87.7	86.4	79.0	77.9	72.9	70.4	60.6	58.8
1986	65.8	58.4	48.5	47.1	47.9	37.1	34.0	32.5
1987	60.5	58.3	54.7	52.9	46.9	46.8	42.8	40.8
1988	55.6	54.4	49.6	47.0	42.7	48.5	32.9	31.9
1989	65.1	65.4	57.4	55.8	47.1	49.1	39.2	39.8
1990	82.0	85.0	72.6	69.4	61.4	W	44.4	44.1
1991	75.0	72.5	64.8	62.2	57.6	58.1	33.6	30.8
1992	65.7	62.6	61.6	58.6	50.1	W	35.2	34.3
1993	64.6	59.9	58.6	54.9	47.5	W	32.8	31.8
1994	67.3	64.3	53.9	51.1	49.8	W	33.6	34.3
1995	61.1	58.5	54.0	51.8	W	W	38.8	37.2
1996	69.9	70.6	65.8	63.7	61.2	W	44.5	42.6
1997	64.9	70.0	62.0	58.5	59.2	W	42.0	41.1
1998	55.0	44.0	47.3	42.9	W	W	31.6	30.7
Florida								
1983	92.8	93.5	85.4	84.4	—	—	64.0	60.1
1984	85.9	91.2	83.6	82.3	—	—	68.8	66.7
1985	83.8	88.0	80.0	79.0	—	—	58.2	57.6
1986	61.7	65.0	49.9	47.8	—	—	32.3	30.8
1987	59.5	59.2	54.8	53.1	—	—	42.5	42.0
1988	W	55.8	50.2	47.4	—	—	32.3	32.6
1989	64.3	W	57.8	55.5	—	—	38.9	41.0
1990	W	W	73.5	69.7	—	—	43.6	44.4
1991	W	W	65.2	62.3	—	—	33.5	30.9
1992	W	W	61.9	58.6	—	—	35.1	34.5
1993	W	W	58.7	55.2	—	—	32.5	32.9
1994	—	W	54.4	51.7	W	—	33.0	34.7
1995	—	—	54.2	52.2	W	—	38.2	37.0
1996	—	—	66.1	64.2	W	—	43.4	42.5
1997	W	—	63.0	59.0	W	—	41.2	41.0
1998	—	W	48.0	43.4	W	—	30.9	31.0

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Georgia								
1983	92.6	88.6	82.0	81.1	—	—	62.1	59.7
1984	91.3	89.8	82.5	80.7	—	—	68.8	66.5
1985	87.5	85.6	78.4	77.1	—	—	61.1	64.9
1986	73.8	57.7	47.9	45.2	—	—	35.8	30.1
1987	56.0	55.6	55.0	52.6	—	—	42.2	35.5
1988	52.9	52.9	49.8	46.2	—	—	34.4	30.0
1989	65.5	64.8	57.3	55.0	—	—	39.1	35.7
1990	78.7	81.0	72.6	68.5	—	—	43.7	42.9
1991	76.0	73.3	65.3	61.4	—	—	32.5	28.3
1992	62.7	66.3	62.0	58.5	—	—	34.5	W
1993	W	64.0	59.1	54.7	—	—	35.6	27.8
1994	W	W	53.7	50.5	W	—	36.5	31.4
1995	W	W	54.0	51.5	W	—	39.7	36.4
1996	W	W	65.9	62.7	W	—	45.4	43.2
1997	—	W	62.5	57.7	W	—	43.8	36.7
1998	—	W	49.1	42.2	W	—	33.7	26.4
North Carolina								
1983	W	89.1	81.9	81.6	—	—	65.3	63.9
1984	89.9	89.6	81.6	81.4	—	—	70.5	69.2
1985	84.1	84.5	77.2	77.2	—	—	64.8	59.7
1986	63.4	55.6	46.3	46.7	—	—	39.8	34.0
1987	56.7	57.5	53.0	52.6	—	—	42.9	39.1
1988	53.7	53.6	47.4	46.6	—	—	34.3	29.5
1989	63.3	63.5	55.6	55.6	—	—	40.0	37.6
1990	77.1	76.9	69.4	69.1	—	—	45.9	41.4
1991	74.5	68.9	62.9	62.1	—	—	34.9	29.0
1992	61.8	61.1	59.8	58.3	—	—	35.8	32.2
1993	61.6	57.5	56.8	54.5	—	—	34.0	29.7
1994	62.2	63.5	52.1	50.8	W	—	35.6	34.7
1995	W	W	52.8	51.5	W	W	40.4	38.6
1996	68.3	71.5	64.3	63.4	W	—	46.7	42.2
1997	W	W	60.4	58.2	W	—	43.3	41.1
1998	49.3	W	44.9	42.6	W	—	32.4	30.3
South Carolina								
1983	W	89.4	84.0	81.9	—	—	62.6	W
1984	91.4	90.0	83.3	81.6	—	—	69.4	68.9
1985	92.7	86.1	79.0	77.5	—	—	64.1	64.0
1986	79.2	58.2	47.7	46.4	—	—	38.1	44.6
1987	57.9	57.2	55.0	53.0	—	—	42.4	W
1988	53.3	54.4	49.7	47.0	—	—	34.2	30.5
1989	66.2	63.8	57.3	55.7	—	—	40.0	38.2
1990	76.1	88.3	73.8	69.0	—	—	46.3	37.3
1991	78.3	76.9	64.9	62.4	—	—	36.9	W
1992	60.9	59.7	61.0	58.7	—	—	37.2	—
1993	72.1	55.5	58.7	55.0	—	—	W	W
1994	W	W	54.6	51.0	W	—	W	W
1995	—	W	55.3	51.8	W	—	W	37.2
1996	—	W	67.1	63.5	W	—	48.7	W
1997	—	W	63.3	58.3	W	—	45.6	41.1
1998	W	W	47.6	42.6	W	—	W	30.2

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Virginia								
1983	87.2	89.4	82.2	81.8	—	—	64.0	60.8
1984	89.7	90.7	82.8	82.6	—	—	69.0	66.8
1985	85.4	86.1	78.3	78.1	—	—	62.3	60.0
1986	60.2	56.9	47.6	48.2	—	—	34.9	34.2
1987	59.6	58.3	53.9	52.8	—	—	44.1	39.1
1988	55.7	54.6	48.5	47.3	—	—	33.5	31.2
1989	62.0	65.3	57.3	56.5	—	—	39.4	37.9
1990	81.9	87.9	71.8	69.7	—	—	47.8	45.8
1991	75.1	72.8	64.4	62.4	—	—	33.5	33.6
1992	62.7	61.6	60.8	58.4	—	—	34.9	34.1
1993	60.6	59.9	57.5	54.7	—	—	32.1	30.7
1994	62.3	64.2	51.6	51.0	W	W	34.2	33.2
1995	62.8	58.1	52.6	51.5	W	W	38.8	38.0
1996	67.9	68.1	64.7	64.1	W	W	45.2	43.1
1997	72.2	69.0	59.4	58.7	W	W	42.1	42.3
1998	54.7	44.2	44.6	43.0	W	W	31.6	W
West Virginia								
1983	99.0	94.1	85.3	84.2	—	—	61.3	W
1984	99.1	97.6	86.5	84.1	—	—	W	67.1
1985	94.1	92.4	82.2	79.3	—	—	57.1	W
1986	72.7	62.8	52.6	48.9	—	—	36.6	W
1987	70.3	67.1	58.9	55.0	—	—	40.0	W
1988	68.2	62.6	54.8	49.5	—	—	33.6	W
1989	79.4	66.5	60.9	58.2	—	—	37.4	W
1990	98.4	92.8	75.1	72.2	—	—	37.9	W
1991	84.0	82.2	66.7	63.2	—	—	27.1	W
1992	75.9	69.6	64.7	60.0	—	—	30.8	41.2
1993	78.4	67.5	61.4	56.9	—	—	34.0	W
1994	W	67.0	58.1	53.9	W	W	34.5	33.9
1995	W	W	56.4	52.9	W	—	37.8	35.1
1996	75.8	W	68.3	66.1	W	—	48.3	42.0
1997	W	73.0	63.1	60.1	—	—	47.7	W
1998	58.2	W	47.7	45.2	—	—	W	W
PAD District II								
1983	93.2	88.6	83.7	81.9	77.6	68.0	68.6	59.2
1984	92.2	88.4	84.1	82.5	76.2	63.8	66.0	63.4
1985	86.6	85.9	79.6	78.3	72.3	62.9	60.4	57.2
1986	60.1	57.2	48.7	47.1	40.3	34.6	37.6	31.2
1987	59.4	59.8	55.6	54.4	W	36.9	39.2	36.1
1988	54.7	54.2	50.2	48.0	W	41.5	35.4	28.9
1989	65.1	66.5	58.6	56.7	W	44.9	36.5	31.0
1990	77.2	83.6	71.7	69.4	W	W	37.6	32.9
1991	70.1	71.3	63.7	61.1	W	46.2	33.5	26.0
1992	62.6	63.2	61.1	59.2	W	W	32.8	27.2
1993	61.9	62.0	58.8	56.3	W	W	34.7	28.6
1994	60.6	59.7	54.6	53.0	W	W	33.7	30.0
1995	59.1	60.6	54.6	53.3	47.9	50.2	33.9	30.9
1996	71.1	73.7	66.7	66.1	58.7	89.8	41.9	36.5
1997	67.5	69.4	62.3	60.4	60.4	W	43.5	36.2
1998	NA	48.6	48.2	44.5	44.8	41.8	37.6	30.7

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Illinois								
1983	92.8	87.8	82.2	81.2	—	—	77.5	57.3
1984	90.7	89.0	83.1	82.2	—	—	69.1	65.0
1985	86.3	86.1	78.4	78.1	—	—	59.0	60.2
1986	61.6	58.7	47.7	46.0	—	—	34.0	29.5
1987	58.1	58.9	54.9	53.5	—	—	41.8	38.6
1988	54.1	54.5	49.2	47.6	—	—	34.1	30.3
1989	65.3	66.4	57.6	55.2	—	—	34.7	32.6
1990	73.7	81.3	70.5	67.5	—	—	32.3	33.3
1991	67.0	70.6	61.4	59.8	—	—	37.1	23.7
1992	W	60.3	59.5	57.9	—	—	39.4	23.6
1993	W	59.3	57.0	54.4	—	—	40.3	23.4
1994	W	59.5	53.1	51.3	W	—	37.9	31.3
1995	W	58.3	53.7	51.4	W	—	39.1	33.9
1996	W	71.5	67.7	64.6	—	—	46.2	36.0
1997	W	66.0	62.3	58.1	—	—	43.3	35.4
1998	W	45.1	47.4	42.2	—	—	38.8	25.9
Indiana								
1983	96.7	89.9	83.0	81.2	—	—	61.3	60.7
1984	98.1	90.1	84.1	82.3	—	—	64.9	66.4
1985	90.7	86.3	79.2	77.7	—	—	62.7	61.5
1986	62.6	61.1	48.0	47.4	—	—	37.2	40.0
1987	58.5	59.7	54.8	54.2	—	—	37.2	38.8
1988	55.1	54.9	48.9	48.0	—	—	29.6	31.7
1989	66.6	68.4	57.0	56.0	—	—	32.9	31.6
1990	81.3	84.1	69.6	69.2	—	—	37.7	33.7
1991	73.0	73.0	63.8	61.2	—	—	33.9	25.5
1992	60.1	61.9	59.8	58.3	—	—	35.2	28.2
1993	62.2	60.4	57.7	54.9	—	—	30.8	23.7
1994	61.4	58.9	53.9	52.1	W	W	31.5	33.4
1995	58.8	59.0	54.0	52.3	W	W	35.5	36.5
1996	70.4	71.0	65.8	65.5	W	W	41.3	W
1997	70.8	68.4	61.3	59.4	W	W	43.3	40.9
1998	49.4	46.8	47.0	43.7	W	W	35.3	W
Iowa								
1983	90.7	88.8	83.4	82.9	—	—	W	W
1984	90.2	89.3	84.1	83.3	—	—	72.7	58.3
1985	84.9	87.5	79.9	79.6	—	—	58.6	53.1
1986	57.1	57.4	48.0	47.1	—	—	41.1	33.4
1987	59.2	59.8	55.5	55.2	—	—	35.9	24.1
1988	W	53.7	50.1	48.5	—	—	34.3	33.0
1989	65.9	67.9	59.4	58.3	—	—	32.4	W
1990	80.7	86.8	71.2	71.3	—	—	34.0	W
1991	73.0	72.7	62.7	61.6	—	—	32.3	—
1992	62.6	63.6	61.2	60.8	—	—	31.7	W
1993	62.5	62.9	59.1	58.3	—	—	31.1	W
1994	59.6	59.6	55.2	55.0	—	—	29.9	W
1995	60.8	62.0	54.9	55.3	—	—	NA	W
1996	W	74.3	67.3	68.7	—	—	NA	—
1997	W	71.0	63.3	62.9	—	—	W	W
1998	NA	49.7	48.5	46.9	—	—	W	W

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Kansas								
1983	89.8	83.7	80.7	79.8	—	—	NA	51.6
1984	87.9	83.0	81.9	80.5	—	—	59.9	57.2
1985	80.4	80.8	76.7	76.3	—	—	56.1	49.1
1986	59.0	50.9	45.1	44.3	—	—	32.8	24.4
1987	55.5	56.9	52.9	52.9	—	—	33.9	30.0
1988	52.4	51.0	47.2	46.4	—	—	24.1	18.9
1989	63.6	62.6	56.4	55.3	—	—	29.3	21.5
1990	78.4	82.8	68.5	67.5	—	—	30.6	23.3
1991	71.7	68.0	61.0	59.0	—	—	21.2	W
1992	60.7	61.6	59.8	59.2	—	—	31.6	W
1993	60.4	60.8	57.1	56.4	—	—	29.8	21.9
1994	57.9	57.0	53.8	53.4	—	—	31.7	22.3
1995	59.6	58.8	53.9	53.6	—	—	35.8	31.4
1996	71.8	70.8	66.3	66.3	—	—	38.5	W
1997	71.7	66.6	64.3	60.8	—	—	42.5	W
1998	52.7	47.7	48.2	45.2	—	—	40.2	23.3
Kentucky								
1983	95.1	92.5	84.4	82.7	—	—	66.6	60.6
1984	95.3	93.1	84.8	83.6	—	—	72.6	76.6
1985	92.1	87.7	80.1	78.6	—	—	69.7	80.5
1986	69.8	62.0	49.5	48.2	—	—	43.9	24.9
1987	64.9	61.5	56.1	54.7	—	—	42.5	W
1988	59.0	57.2	50.7	48.4	—	—	41.5	31.2
1989	68.8	71.2	59.2	57.0	—	—	43.5	W
1990	85.9	87.1	72.6	71.5	—	—	51.0	W
1991	75.7	75.7	65.5	62.7	—	—	44.0	W
1992	68.6	66.0	62.3	59.5	—	—	38.2	W
1993	69.8	64.2	59.8	56.3	—	—	39.0	W
1994	78.3	63.3	55.6	52.9	W	W	36.1	38.7
1995	66.9	59.8	55.0	52.7	W	—	41.2	W
1996	74.1	72.8	67.0	65.2	W	—	48.0	W
1997	72.7	73.0	62.2	59.6	W	—	52.6	W
1998	50.1	50.2	47.8	44.1	W	—	W	W
Michigan								
1983	98.4	89.5	86.1	83.2	—	—	64.0	62.2
1984	100.5	89.4	85.7	83.7	—	—	68.5	62.7
1985	94.1	85.9	80.6	79.5	—	—	63.2	56.8
1986	67.1	58.4	49.8	49.7	—	—	43.5	36.5
1987	62.8	61.2	56.1	55.8	—	—	41.7	35.3
1988	55.1	55.5	50.9	49.5	—	—	46.0	32.1
1989	64.1	65.6	58.1	57.8	—	—	45.1	32.8
1990	77.2	79.4	71.2	70.4	—	—	45.4	37.1
1991	70.9	69.9	63.3	62.0	—	—	40.1	33.9
1992	62.8	64.3	60.6	59.1	—	—	38.3	33.5
1993	62.1	61.6	58.2	55.9	—	—	40.7	38.6
1994	61.1	58.6	54.2	52.7	W	—	39.9	37.6
1995	57.0	59.9	54.4	53.3	—	—	36.3	35.1
1996	70.0	72.6	68.0	66.6	—	—	41.7	33.0
1997	64.4	67.5	62.6	60.4	—	—	43.5	34.3
1998	W	47.3	47.9	44.3	—	—	41.1	32.8

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Minnesota								
1983	89.2	88.7	83.4	83.0	—	—	60.7	W
1984	89.2	89.4	83.2	83.0	—	—	62.7	61.2
1985	84.2	87.9	78.5	79.3	—	—	57.9	56.8
1986	54.6	59.2	47.9	48.5	—	—	40.4	W
1987	58.8	61.1	55.6	56.2	—	—	34.3	35.4
1988	52.8	54.5	49.1	48.8	—	—	33.4	W
1989	64.3	68.1	59.2	59.2	—	—	33.6	35.0
1990	76.8	86.9	73.1	72.2	—	—	35.3	36.1
1991	68.5	73.3	63.1	62.6	—	—	29.8	28.6
1992	63.5	64.5	62.0	61.2	—	—	25.3	W
1993	62.9	64.0	57.6	59.1	—	—	30.8	W
1994	60.3	61.8	54.3	56.1	W	—	30.7	W
1995	60.9	63.2	54.0	56.4	W	W	NA	W
1996	69.5	75.1	68.5	68.6	W	W	W	W
1997	69.2	71.3	65.3	63.7	W	W	W	W
1998	60.2	49.3	50.8	46.8	39.9	W	28.7	W
Missouri								
1983	89.1	87.2	81.3	81.3	—	—	W	NA
1984	87.9	87.8	82.4	81.8	—	—	67.0	67.0
1985	83.9	84.5	77.9	78.0	—	—	59.0	62.5
1986	63.0	57.2	45.5	46.0	—	—	32.3	32.6
1987	58.7	57.8	53.7	53.7	—	—	37.5	38.4
1988	53.7	52.7	49.5	47.3	—	—	31.6	27.2
1989	64.7	66.6	58.4	56.3	—	—	34.6	39.8
1990	80.8	84.4	72.4	69.4	—	—	37.3	35.3
1991	72.7	71.4	62.9	60.4	—	—	31.8	35.6
1992	W	63.4	61.2	59.3	—	—	32.7	36.5
1993	62.4	61.8	59.4	56.7	—	—	32.5	27.4
1994	W	59.1	54.2	53.1	—	—	23.3	30.3
1995	W	60.7	54.5	53.3	—	—	NA	27.1
1996	W	72.7	67.0	65.9	—	—	40.1	W
1997	70.0	70.9	63.0	60.4	—	—	41.9	35.0
1998	W	49.6	48.8	44.1	—	—	28.7	W
Nebraska								
1983	90.7	88.9	81.1	82.3	—	—	—	W
1984	90.4	88.6	80.5	82.8	—	—	67.2	57.5
1985	85.2	87.5	76.2	78.7	—	—	61.9	—
1986	49.7	55.5	43.7	45.4	—	—	40.7	W
1987	59.6	60.1	52.3	54.8	—	—	37.4	48.7
1988	55.1	53.3	46.3	48.3	—	—	30.7	—
1989	67.3	66.1	54.8	57.5	—	—	29.1	31.5
1990	79.7	86.9	69.0	68.3	—	—	31.7	W
1991	72.9	71.4	59.8	60.6	—	—	29.0	W
1992	W	64.6	58.1	60.9	—	—	28.1	W
1993	W	63.5	55.0	58.8	—	—	32.4	W
1994	58.9	60.1	54.5	55.7	—	—	29.6	33.3
1995	59.3	62.5	56.0	55.6	—	—	NA	NA
1996	71.0	74.8	68.2	68.2	—	—	W	W
1997	73.7	71.5	59.5	62.9	—	—	37.8	W
1998	NA	49.3	45.5	46.7	—	—	W	W

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
North Dakota								
1983	95.0	92.0	85.9	84.2	—	—	W	57.8
1984	93.5	90.9	85.7	85.0	—	—	59.4	64.2
1985	91.8	89.8	81.2	80.5	—	—	50.3	43.6
1986	63.3	59.2	48.5	48.3	—	—	27.7	39.7
1987	62.2	62.5	55.9	56.8	—	—	22.9	25.4
1988	55.5	54.8	W	50.2	—	—	W	W
1989	66.1	67.7	59.3	60.0	—	—	W	W
1990	84.4	88.9	70.8	70.8	—	—	W	W
1991	W	74.0	W	62.8	—	—	W	33.0
1992	W	67.4	W	62.6	—	—	W	W
1993	W	66.8	W	61.2	—	—	33.8	W
1994	W	64.0	W	58.3	—	—	35.8	40.8
1995	64.0	65.2	W	58.5	—	—	W	—
1996	76.0	78.1	W	70.8	—	—	W	—
1997	72.6	73.4	W	65.7	—	—	W	—
1998	NA	51.5	NA	49.0	—	—	W	—
Ohio								
1983	96.3	92.5	85.9	83.9	—	—	63.9	56.2
1984	95.4	91.7	86.8	84.6	—	—	65.4	60.2
1985	88.9	87.8	82.6	80.1	—	—	59.6	50.4
1986	63.3	60.5	53.5	50.1	—	—	37.0	26.3
1987	60.2	60.9	59.2	56.2	—	—	40.4	33.8
1988	58.0	55.7	53.8	50.3	—	—	35.8	25.3
1989	65.9	68.8	62.0	57.6	—	—	37.1	33.7
1990	80.1	87.4	74.9	70.8	—	—	36.2	31.9
1991	79.7	73.2	66.5	63.4	—	—	32.8	22.9
1992	68.1	63.4	63.4	59.5	—	—	31.8	25.4
1993	73.6	62.5	61.9	57.3	—	—	34.5	25.3
1994	68.0	63.7	57.9	54.2	W	—	37.6	28.3
1995	63.3	59.0	57.3	53.9	W	—	38.4	30.1
1996	71.3	71.2	69.7	66.5	W	—	43.1	38.0
1997	70.2	67.3	64.6	60.7	W	—	47.3	37.5
1998	53.0	48.9	50.1	45.3	W	—	34.9	29.7
Oklahoma								
1983	84.3	84.5	80.5	80.0	—	—	W	65.0
1984	89.5	82.8	81.3	80.7	—	—	61.7	62.4
1985	W	79.0	76.5	76.1	—	—	49.1	51.2
1986	52.8	48.3	45.7	45.5	—	—	30.6	26.6
1987	57.3	53.8	53.7	52.4	—	—	31.4	32.0
1988	48.9	48.6	48.5	45.8	—	—	25.9	24.5
1989	57.1	58.7	57.3	55.0	—	—	28.9	27.3
1990	84.3	74.2	69.1	66.9	—	—	34.1	27.5
1991	69.9	63.6	60.9	58.6	—	—	23.8	22.4
1992	60.6	60.8	58.9	57.8	—	—	W	30.5
1993	63.9	57.8	56.3	55.2	—	—	W	39.5
1994	61.3	53.8	51.2	51.4	—	—	W	28.3
1995	62.3	53.8	52.1	52.3	—	—	W	W
1996	76.1	69.4	61.1	64.6	—	—	W	NA
1997	60.6	61.4	59.4	59.5	—	—	W	W
1998	51.2	49.4	46.7	43.5	—	—	W	W

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
South Dakota								
1983	97.9	90.4	85.7	83.3	—	—	53.8	W
1984	95.0	89.9	85.0	84.1	—	—	66.2	63.6
1985	88.8	89.0	79.9	80.0	—	—	63.9	NA
1986	W	57.5	47.4	47.7	—	—	33.6	W
1987	61.4	62.3	56.3	56.3	—	—	40.5	W
1988	55.9	54.1	48.8	49.5	—	—	33.8	31.6
1989	67.9	66.9	58.7	59.2	—	—	30.9	25.5
1990	85.2	87.4	69.2	70.6	—	—	W	W
1991	W	73.3	61.4	62.6	—	—	W	W
1992	W	66.4	W	62.3	—	—	W	—
1993	63.2	65.2	59.6	60.4	—	—	W	W
1994	61.4	62.4	W	57.2	—	W	W	W
1995	W	65.0	W	57.3	—	—	NA	W
1996	W	77.7	68.0	70.1	—	W	W	—
1997	73.1	73.6	64.4	64.9	—	—	W	W
1998	56.5	51.3	51.0	48.8	—	—	W	W
Tennessee								
1983	87.2	88.8	83.7	81.1	—	—	64.8	64.2
1984	87.1	89.6	81.6	80.8	—	—	69.5	67.3
1985	84.9	86.2	77.9	77.4	—	—	68.1	56.2
1986	64.6	58.9	45.7	45.5	—	—	40.1	37.1
1987	59.0	58.8	53.6	52.6	—	—	40.9	41.8
1988	52.5	55.3	49.1	46.3	—	—	37.2	32.9
1989	62.2	67.0	57.4	55.2	—	—	38.2	36.6
1990	74.8	82.6	71.8	69.2	—	—	44.9	42.4
1991	71.5	72.6	63.8	61.2	—	—	35.2	29.4
1992	62.8	62.9	61.1	58.3	—	—	37.7	32.3
1993	61.5	60.1	58.1	54.5	—	—	38.4	26.4
1994	59.5	61.3	52.5	50.6	W	W	40.5	30.7
1995	W	57.8	53.1	51.2	W	W	W	35.5
1996	65.3	67.0	65.3	63.7	W	W	51.7	39.6
1997	77.0	71.7	61.0	58.1	W	W	50.8	40.2
1998	W	W	48.4	43.1	W	—	45.0	27.8
Wisconsin								
1983	94.3	88.6	84.0	82.4	—	—	57.3	59.5
1984	93.6	89.0	84.2	82.8	—	—	67.6	65.9
1985	82.1	86.5	79.3	78.6	—	—	64.2	55.7
1986	53.4	58.4	48.9	48.1	—	—	41.4	32.4
1987	57.3	59.6	55.3	54.7	—	—	36.3	36.3
1988	54.7	54.4	48.8	48.0	—	—	35.0	29.6
1989	65.5	67.1	57.2	57.2	—	—	34.2	30.5
1990	76.8	82.6	70.8	68.9	—	—	34.4	35.2
1991	71.5	72.7	62.2	61.3	—	—	33.5	24.3
1992	61.4	62.7	60.9	59.1	—	—	31.8	25.3
1993	60.1	61.0	58.1	55.7	—	—	35.6	30.8
1994	59.0	60.4	54.5	52.7	W	—	NA	24.6
1995	59.4	60.1	54.3	53.0	W	—	NA	30.2
1996	71.9	73.5	68.1	66.1	W	—	35.7	33.5
1997	70.1	68.9	62.1	60.5	W	—	37.4	34.8
1998	W	47.7	47.0	43.9	W	—	W	W

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
PAD District III								
1983	87.0	90.2	80.6	79.6	74.9	72.9	59.5	59.7
1984	88.6	89.9	80.5	78.9	72.2	70.5	65.0	64.2
1985	84.4	84.1	77.2	75.5	75.3	61.3	57.7	55.1
1986	52.9	52.1	45.5	44.4	44.7	35.3	29.9	29.2
1987	59.4	59.8	53.3	51.1	51.0	41.5	38.2	38.1
1988	53.1	53.8	47.7	44.9	W	37.3	27.4	28.0
1989	63.8	64.7	55.3	53.4	51.9	43.0	33.0	36.3
1990	73.5	85.4	71.7	67.8	58.0	43.9	37.3	40.1
1991	67.1	67.9	63.3	59.8	W	45.2	28.6	28.5
1992	61.7	64.3	60.2	56.6	50.2	W	29.2	29.6
1993	59.9	59.2	58.5	53.0	W	NA	27.7	27.2
1994	60.7	59.2	52.8	48.9	W	W	30.1	29.4
1995	62.8	57.8	53.8	50.1	W	42.1	34.6	33.5
1996	W	70.0	65.2	61.7	W	W	40.0	37.9
1997	W	65.4	62.0	57.0	W	W	39.2	36.7
1998	W	54.0	47.4	41.0	W	W	27.5	25.2
Alabama								
1983	—	—	81.4	80.9	—	—	61.3	66.2
1984	—	—	81.2	80.4	—	—	65.4	64.1
1985	—	—	77.4	76.0	—	—	57.9	56.4
1986	—	—	45.9	44.5	—	—	31.1	30.3
1987	—	—	52.7	51.4	—	—	38.5	40.4
1988	NA	NA	46.3	45.2	—	—	28.6	27.6
1989	NA	NA	55.0	54.5	—	—	34.3	38.0
1990	NA	NA	69.5	68.2	—	—	38.2	39.3
1991	NA	NA	62.8	61.1	—	—	30.6	26.5
1992	63.1	W	59.7	58.0	—	—	30.7	30.2
1993	61.7	60.6	56.5	54.0	—	—	30.0	26.4
1994	—	W	51.7	50.1	—	W	32.3	34.8
1995	—	—	52.4	50.8	—	—	NA	NA
1996	—	—	64.3	62.9	—	—	43.9	NA
1997	—	W	60.7	57.5	—	—	NA	W
1998	—	W	45.5	42.3	—	—	NA	W
Arkansas								
1983	—	—	80.2	79.6	—	—	W	W
1984	—	—	81.3	80.3	—	—	66.3	63.4
1985	—	—	77.9	76.6	—	—	W	61.7
1986	—	—	45.7	45.3	—	—	34.8	30.7
1987	—	—	53.2	52.9	—	—	39.4	38.8
1988	NA	NA	49.5	46.6	—	—	35.8	35.0
1989	NA	NA	58.3	54.8	—	—	38.6	W
1990	NA	NA	73.4	68.2	—	—	36.5	W
1991	NA	NA	64.5	60.1	—	—	32.9	—
1992	65.8	69.0	60.7	58.1	—	—	28.7	—
1993	68.4	62.6	58.5	54.5	—	—	29.8	—
1994	—	54.1	54.3	50.7	—	—	33.1	—
1995	—	W	54.6	51.3	—	—	32.4	—
1996	—	W	68.3	63.1	—	—	W	—
1997	—	—	63.8	57.7	—	—	W	—
1998	—	—	53.0	42.4	—	—	W	—

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Louisiana								
1983	—	—	80.5	78.9	—	—	59.8	58.9
1984	—	—	80.7	78.0	—	—	65.6	63.8
1985	—	—	76.5	74.5	—	—	59.3	54.6
1986	—	—	45.3	43.8	—	—	30.8	28.6
1987	—	—	53.7	50.9	—	—	38.5	38.3
1988	NA	NA	46.9	44.4	—	—	27.5	28.6
1989	NA	NA	54.3	52.5	—	—	32.9	36.0
1990	W	NA	69.7	66.4	—	—	37.7	41.5
1991	W	NA	62.3	59.7	—	—	29.2	28.9
1992	W	W	58.0	55.8	—	—	29.1	29.2
1993	W	W	56.2	51.6	—	—	27.7	26.9
1994	W	55.5	50.3	47.6	—	—	29.8	30.2
1995	—	W	51.6	48.7	—	W	33.8	34.0
1996	—	W	62.3	60.1	—	W	39.7	37.6
1997	—	W	61.6	55.7	—	—	38.5	36.7
1998	—	—	46.8	39.9	—	—	27.0	25.1
Mississippi								
1983	—	—	81.2	79.8	—	—	60.1	59.1
1984	—	—	81.1	78.7	—	—	68.2	64.3
1985	—	—	76.6	75.4	—	—	61.2	58.6
1986	—	—	48.6	44.8	—	—	29.9	28.4
1987	—	—	52.4	51.2	—	—	30.8	39.6
1988	NA	NA	46.0	44.7	—	—	W	25.7
1989	NA	NA	53.9	53.0	—	—	38.3	41.5
1990	NA	W	70.2	70.4	—	—	42.7	W
1991	NA	W	62.5	59.9	—	—	W	W
1992	62.5	W	59.0	56.6	—	—	W	W
1993	60.4	W	55.4	52.2	—	—	28.2	26.1
1994	—	W	51.8	48.5	W	W	32.5	NA
1995	—	—	52.3	50.1	W	41.9	NA	36.5
1996	—	—	64.2	61.3	W	W	38.5	41.4
1997	—	—	60.1	56.6	W	W	46.6	39.2
1998	—	—	43.7	41.6	W	W	NA	27.0
New Mexico								
1983	W	89.9	81.1	81.6	—	—	W	50.8
1984	W	88.7	83.7	82.3	—	—	W	W
1985	88.2	86.6	87.1	81.3	—	—	W	49.1
1986	W	57.1	48.9	47.9	—	—	W	26.0
1987	62.8	62.5	58.9	57.5	—	—	40.8	30.1
1988	59.0	58.5	56.7	52.2	—	—	25.8	W
1989	67.9	69.7	65.9	59.7	—	—	28.0	W
1990	87.1	89.1	80.9	73.1	—	—	W	43.6
1991	73.7	80.3	68.6	63.1	—	—	—	24.4
1992	68.0	71.2	69.9	63.2	—	—	—	22.2
1993	W	72.3	71.7	62.7	—	—	—	21.6
1994	W	69.6	63.9	58.0	—	—	—	19.1
1995	W	71.8	62.8	58.5	—	—	—	W
1996	—	83.0	72.9	70.1	—	—	—	W
1997	—	79.5	77.5	66.2	—	—	—	W
1998	W	62.4	68.9	48.3	—	—	—	W

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Texas								
1983	W	87.5	80.4	79.5	—	—	59.2	60.2
1984	88.3	87.4	80.0	78.8	—	—	64.3	64.4
1985	84.7	81.3	76.7	75.4	—	—	55.6	55.3
1986	50.4	49.7	44.8	44.4	—	—	28.7	29.7
1987	59.4	58.9	52.7	50.6	—	—	38.0	37.9
1988	52.9	52.2	47.0	44.6	—	—	26.8	27.5
1989	61.6	62.7	54.6	53.2	—	—	32.9	36.6
1990	72.3	89.3	71.3	67.4	—	—	36.7	39.1
1991	65.6	69.5	62.7	59.6	—	—	27.5	28.3
1992	W	64.1	59.8	56.3	—	—	29.1	29.9
1993	W	58.2	58.3	52.9	—	—	27.3	27.5
1994	59.3	57.6	53.1	48.7	—	W	29.9	28.8
1995	W	56.2	54.2	50.0	—	W	34.7	33.1
1996	W	67.4	65.8	61.7	—	—	40.0	37.9
1997	W	61.9	61.5	56.9	—	—	37.5	35.9
1998	W	NA	46.5	40.7	—	W	26.2	24.7
PAD District IV								
1983	92.4	91.7	82.6	82.7	W	W	54.5	61.2
1984	92.1	90.7	83.6	84.0	W	80.1	59.7	59.9
1985	86.8	86.5	78.0	79.3	W	67.3	52.8	55.6
1986	62.5	59.4	47.5	47.5	W	—	34.0	31.8
1987	61.7	60.8	54.7	56.2	W	—	32.2	36.6
1988	57.9	56.0	50.2	50.8	W	—	26.4	31.9
1989	65.9	65.6	59.6	60.7	W	W	23.6	33.8
1990	87.5	85.6	73.5	73.0	—	W	35.8	33.7
1991	80.5	77.3	64.5	64.0	—	W	32.9	31.5
1992	72.5	69.3	64.7	64.8	W	—	25.4	22.5
1993	77.9	73.0	64.4	64.0	—	W	29.6	25.0
1994	74.0	67.9	59.0	59.7	—	—	32.0	27.3
1995	68.8	70.0	61.6	61.3	W	W	32.9	24.6
1996	79.8	81.2	73.2	72.9	W	—	25.5	24.8
1997	81.6	81.0	71.5	69.1	—	—	31.6	25.6
1998	59.6	58.4	55.1	51.2	—	—	28.4	28.1
Colorado								
1983	88.9	90.2	81.3	81.3	—	—	W	W
1984	89.1	88.9	81.8	81.8	—	—	66.9	52.7
1985	85.6	84.8	77.4	77.9	—	—	59.1	43.9
1986	59.8	56.2	46.3	46.1	—	—	W	W
1987	58.9	59.1	54.0	54.3	—	—	39.0	W
1988	55.4	53.2	48.1	47.7	—	—	W	W
1989	67.1	62.6	57.7	56.9	—	—	26.2	W
1990	88.7	82.3	74.6	71.2	—	—	W	23.1
1991	79.3	74.2	64.8	62.1	—	—	W	43.1
1992	76.8	67.1	65.0	64.4	—	—	W	W
1993	82.4	68.4	63.0	61.1	—	—	W	W
1994	W	62.5	57.1	57.1	—	—	W	W
1995	W	63.4	58.4	56.6	—	W	W	W
1996	72.6	75.4	71.6	69.0	—	—	47.3	W
1997	71.6	74.1	69.2	64.5	—	—	W	W
1998	56.0	53.3	55.2	47.4	—	—	W	W

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Idaho								
1983	94.9	93.3	84.5	84.9	—	—	W	W
1984	W	92.9	85.0	85.8	—	—	59.8	W
1985	89.8	89.1	80.4	81.4	—	—	W	W
1986	63.2	61.2	48.3	49.7	—	—	W	W
1987	63.9	64.2	57.1	58.1	—	—	36.7	—
1988	62.8	59.7	53.9	54.1	—	—	27.5	—
1989	69.4	69.9	63.9	64.7	—	—	W	—
1990	W	87.5	74.6	75.0	—	—	W	W
1991	W	79.9	W	66.4	—	—	W	W
1992	W	73.1	W	67.0	—	—	W	W
1993	W	76.7	W	68.3	—	—	41.8	35.4
1994	74.4	72.5	W	61.9	—	—	W	—
1995	76.9	75.5	64.1	66.6	—	—	W	—
1996	83.8	83.8	73.9	77.0	—	—	W	—
1997	84.5	83.9	73.5	72.7	—	—	W	—
1998	62.6	59.3	54.5	53.6	—	—	W	W
Montana								
1983	93.2	92.2	82.5	83.2	—	—	56.0	69.1
1984	92.6	91.6	83.4	85.1	—	—	67.2	67.9
1985	86.0	86.5	76.4	78.4	—	—	45.4	58.3
1986	58.1	58.7	47.0	46.8	—	—	39.3	W
1987	61.4	61.6	53.0	56.2	—	—	35.0	26.4
1988	57.7	56.1	48.9	50.9	—	—	31.8	22.8
1989	60.6	66.4	58.4	60.7	—	—	32.4	W
1990	87.0	88.2	73.5	73.2	—	—	45.3	32.7
1991	81.7	78.1	63.3	63.4	—	—	35.3	W
1992	68.0	70.1	62.9	62.8	—	—	W	W
1993	71.7	74.7	61.9	63.0	—	—	34.7	W
1994	70.1	68.7	55.7	59.9	—	—	NA	23.6
1995	71.7	72.7	59.8	61.8	—	—	NA	W
1996	82.2	84.0	68.3	73.0	—	—	40.6	W
1997	85.0	83.6	68.1	69.6	—	—	W	W
1998	59.6	62.4	55.1	53.1	—	—	W	W
Utah								
1983	94.2	91.7	82.7	82.8	—	—	58.8	60.0
1984	92.3	92.3	84.8	84.9	—	—	57.2	61.1
1985	87.0	87.0	78.8	79.8	—	—	56.4	65.5
1986	67.6	62.6	47.8	48.3	—	—	34.4	42.7
1987	61.4	61.1	55.3	56.8	—	—	30.7	41.0
1988	59.7	58.8	51.9	52.2	—	—	28.2	32.6
1989	66.3	67.2	62.6	62.8	—	—	W	35.7
1990	83.2	84.8	73.3	73.1	—	—	W	35.7
1991	80.5	78.4	64.6	64.6	—	—	W	37.5
1992	68.9	69.5	64.4	65.2	—	—	W	28.7
1993	74.0	75.0	65.6	66.2	—	—	27.9	28.8
1994	71.7	72.2	61.6	61.6	—	—	27.7	W
1995	70.1	71.6	64.7	64.4	W	—	26.6	W
1996	80.5	81.9	75.9	75.2	W	—	23.7	W
1997	85.3	85.8	74.9	73.2	—	—	32.1	NA
1998	58.1	59.4	54.7	53.5	—	—	W	30.7

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Wyoming								
1983	92.2	91.8	83.0	82.6	—	—	46.7	59.1
1984	92.2	90.5	84.1	84.9	—	—	61.8	64.1
1985	86.3	86.9	78.4	80.1	—	—	45.6	59.9
1986	63.4	62.1	48.4	48.1	—	—	30.0	29.4
1987	63.2	60.5	55.0	56.6	—	—	26.6	W
1988	57.4	56.7	50.3	50.7	—	—	24.0	W
1989	65.6	65.6	58.6	60.0	—	—	W	33.7
1990	87.6	86.7	72.6	73.4	—	—	W	35.2
1991	80.4	78.5	64.3	63.8	—	—	W	W
1992	70.1	69.4	65.0	64.5	—	—	W	21.4
1993	74.1	72.8	65.3	62.7	—	—	W	24.8
1994	68.3	67.5	60.0	59.6	—	—	W	27.2
1995	69.6	70.7	62.4	59.8	—	—	W	W
1996	81.1	80.9	74.1	72.7	—	—	W	W
1997	81.7	81.6	71.3	68.3	—	—	W	24.1
1998	61.5	59.7	55.5	50.4	—	—	W	20.0
PAD District V								
1983	106.8	91.7	81.7	79.8	72.3	69.5	65.9	60.2
1984	100.4	91.0	78.4	77.0	69.5	66.7	67.3	61.9
1985	91.9	88.6	77.7	75.9	W	64.0	58.9	54.7
1986	69.0	59.9	45.7	43.4	W	36.9	32.6	28.1
1987	68.6	61.2	54.9	53.2	W	45.3	41.0	36.8
1988	61.8	60.2	49.9	47.5	W	39.9	32.8	27.9
1989	69.9	70.5	61.4	58.7	W	46.2	35.8	33.1
1990	91.6	83.0	73.4	70.4	W	59.0	45.4	39.5
1991	82.1	80.0	67.1	62.1	W	53.8	36.0	33.0
1992	77.4	72.1	63.7	59.3	W	47.2	34.3	30.4
1993	76.5	72.5	66.2	60.9	W	46.7	33.2	29.0
1994	73.3	65.5	60.1	56.0	W	39.7	35.3	30.1
1995	75.7	67.0	61.8	58.6	W	W	39.7	35.1
1996	75.9	77.9	73.3	70.4	W	57.3	44.8	39.8
1997	67.8	80.3	69.6	67.3	W	57.3	43.7	38.4
1998	57.4	59.6	53.1	48.8	W	39.0	30.8	28.4
Alaska								
1983	—	—	95.1	90.1	—	—	W	NA
1984	—	—	90.4	87.4	—	—	W	W
1985	—	—	86.9	84.1	—	—	W	W
1986	—	—	57.1	56.3	—	—	W	W
1987	—	—	59.9	53.9	—	—	W	W
1988	NA	NA	67.3	55.6	—	—	W	W
1989	NA	NA	74.5	63.8	—	—	W	W
1990	NA	NA	94.4	78.5	—	—	W	41.6
1991	NA	NA	84.8	68.4	—	—	W	W
1992	80.6	74.8	76.2	63.7	—	—	W	W
1993	77.5	73.4	81.0	60.7	—	—	W	W
1994	72.7	65.2	74.8	54.2	W	W	W	W
1995	75.0	66.7	73.7	54.5	W	W	W	W
1996	74.0	78.0	80.1	66.7	W	W	42.8	W
1997	66.7	79.4	78.6	68.9	W	W	—	—
1998	57.3	60.6	71.9	49.9	W	W	W	W

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Arizona								
1983	—	—	80.8	82.2	—	—	W	W
1984	—	—	79.7	80.4	—	—	W	W
1985	—	—	80.2	80.4	—	—	W	W
1986	—	—	47.4	46.5	—	—	W	W
1987	—	—	59.1	57.4	—	—	W	W
1988	NA	NA	54.0	51.5	—	—	W	W
1989	NA	NA	64.9	61.6	—	—	W	W
1990	W	NA	77.9	72.4	—	—	W	W
1991	W	NA	68.1	63.5	—	—	W	W
1992	69.1	72.4	65.9	61.7	—	—	W	W
1993	W	73.9	68.2	63.1	—	—	W	W
1994	W	67.6	60.6	55.3	—	—	37.0	W
1995	W	66.3	62.9	58.2	—	—	W	31.0
1996	W	80.4	73.6	68.7	—	—	W	W
1997	W	78.4	71.4	66.0	—	—	40.4	W
1998	W	58.9	55.9	48.3	—	—	W	31.9
California								
1983	89.9	85.6	79.0	78.0	—	—	63.2	60.1
1984	86.4	83.2	76.5	75.6	—	—	64.1	61.6
1985	85.4	86.7	76.1	75.0	—	—	56.2	54.7
1986	52.5	56.8	44.3	42.2	—	—	30.8	27.6
1987	W	61.2	54.5	53.0	—	—	37.2	36.0
1988	W	56.8	48.8	46.2	—	—	29.9	27.3
1989	W	67.0	60.8	57.9	—	—	32.8	32.9
1990	W	NA	72.6	69.5	—	—	42.8	39.4
1991	72.5	73.2	66.3	61.5	—	—	31.6	33.3
1992	W	62.5	63.0	58.6	—	—	31.8	31.3
1993	W	68.4	65.4	60.5	—	—	30.2	29.6
1994	W	63.4	61.2	57.1	—	W	34.0	30.3
1995	W	54.5	62.2	60.3	—	W	38.1	34.5
1996	W	W	74.3	72.3	—	W	41.7	38.6
1997	—	W	70.3	67.8	—	W	39.3	37.8
1998	W	49.1	51.4	49.8	—	W	28.3	28.6
Hawaii								
1983	—	—	94.1	91.3	—	—	75.1	W
1984	—	—	86.8	86.8	—	—	75.8	74.3
1985	—	—	85.8	88.8	—	—	66.2	W
1986	—	—	58.7	62.2	—	—	40.5	W
1987	—	—	57.9	58.1	—	—	47.9	W
1988	NA	NA	53.2	61.9	—	—	39.0	W
1989	NA	NA	61.9	68.5	—	—	44.5	39.8
1990	W	NA	72.2	73.6	—	—	55.1	47.3
1991	W	W	70.1	77.2	—	—	44.8	W
1992	W	W	65.1	70.9	—	—	40.9	38.9
1993	W	NA	65.8	73.9	—	—	42.1	28.5
1994	W	W	W	73.7	—	—	38.3	29.4
1995	—	W	W	71.1	—	—	42.2	36.5
1996	—	W	W	80.5	—	—	50.5	W
1997	—	W	W	79.0	—	—	51.0	W
1998	—	W	55.7	69.5	—	—	37.1	33.5

See footnotes at end of table.

**Table A3. Refiner/Reseller Prices of Distillate and Residual Fuel Oils,
by PAD District, 1983-Present**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Year	No. 1 Distillate		No. 2 Distillate ^a		No. 4 Fuel ^b		Residual Fuel Oil	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Nevada								
1983	91.1	92.2	80.1	82.7	—	—	59.9	W
1984	89.2	88.9	76.5	79.9	—	—	64.4	60.4
1985	87.8	86.2	75.3	78.0	—	—	67.9	W
1986	56.1	65.1	44.2	45.9	—	—	W	W
1987	64.7	62.2	54.2	55.1	—	—	37.3	W
1988	61.3	55.1	48.8	48.4	—	—	W	W
1989	71.7	69.6	60.9	60.4	—	—	35.7	W
1990	79.3	83.2	70.8	73.0	—	—	40.3	40.5
1991	80.4	76.5	69.2	64.2	—	—	W	35.4
1992	W	69.0	65.8	61.9	—	—	W	25.2
1993	W	72.7	67.4	63.6	—	—	W	W
1994	W	71.1	58.8	57.4	W	W	W	W
1995	W	71.7	61.4	60.8	—	—	W	W
1996	W	85.5	72.9	71.4	—	—	W	W
1997	W	83.7	73.1	68.0	—	—	W	W
1998	—	60.4	54.5	49.8	—	—	W	W
Oregon								
1983	99.7	92.1	81.7	81.8	—	—	61.0	61.4
1984	W	86.7	77.8	77.9	—	—	66.9	63.9
1985	W	86.1	77.2	76.8	—	—	61.7	57.9
1986	66.0	59.9	43.6	42.7	—	—	31.5	31.4
1987	67.4	62.0	54.0	53.5	—	—	39.6	39.9
1988	64.2	55.8	50.2	47.7	—	—	38.2	31.7
1989	73.1	68.5	60.9	58.7	—	—	W	39.8
1990	85.7	85.1	72.9	70.7	—	—	45.4	42.1
1991	82.1	78.1	63.6	61.3	—	—	35.4	35.7
1992	72.3	70.1	60.4	59.3	—	—	34.5	36.6
1993	77.3	71.9	64.0	61.7	—	—	33.0	36.9
1994	84.8	66.6	56.3	54.7	—	—	36.3	36.8
1995	87.8	69.3	57.4	57.0	—	—	41.0	36.7
1996	92.6	75.3	71.2	69.6	—	—	44.7	46.3
1997	W	80.7	66.4	66.1	—	—	42.6	46.4
1998	W	59.0	47.2	45.7	—	—	29.4	30.8
Washington								
1983	94.7	92.3	84.3	80.8	—	—	60.9	60.1
1984	94.9	88.0	79.6	76.9	—	—	64.1	63.0
1985	90.9	86.5	77.7	74.4	—	—	56.9	55.8
1986	62.0	57.4	44.6	42.2	—	—	29.1	28.6
1987	64.5	59.6	53.3	51.9	—	—	36.3	37.4
1988	60.5	55.2	49.0	47.3	—	—	28.3	28.2
1989	67.9	67.7	60.4	58.2	—	—	32.8	32.8
1990	85.1	84.5	71.5	69.6	—	—	39.9	37.7
1991	84.6	76.9	65.3	61.2	—	—	32.3	31.3
1992	75.6	70.1	62.0	58.3	—	—	31.7	30.1
1993	80.7	72.6	65.3	59.4	—	—	29.3	27.5
1994	83.2	65.8	56.9	53.0	W	W	33.3	30.3
1995	82.9	68.5	59.0	54.7	W	W	38.7	36.4
1996	91.7	78.9	70.3	66.3	W	W	43.1	40.9
1997	89.0	83.4	64.3	66.1	W	W	39.7	NA
1998	W	57.1	45.4	45.7	—	W	27.5	27.0

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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."