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# Petroleum Marketing Annual 1988

PMA

Energy Information Administration

EIA

Annual Report on Sales of Fuel Oil and Kerosene, 1988

(See Appendix)

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# Petroleum Marketing Annual 1988

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# Contents


| | Page |
|---|---|
| Introduction | 1 |
| Highlights | 3 |
| Summary Statistics | 11 |
| Crude Oil Prices | 65 |
| Sales Prices of Petroleum Products | 81 |
| Sales Volumes of Petroleum Products | 229 |
| First Sales of Petroleum Products for Consumption | 295 |
| Standard Errors and Survey Response Percentages | 343 |
| Glossary | 347 |
| Explanatory Notes | 355 |
| Product Guide | 367 |
| Appendix: Annual Report on Sales of Fuel Oil and Kerosene, 1988 | 371 |

# Tables


Page

**Summary Statistics**

1. Crude Oil Prices ..... 12
2. Refiner Prices of Petroleum Products to End Users ..... 14
3. Refiner Volumes of Petroleum Products to End Users ..... 16
4. Refiner Prices of Petroleum Products for Resale ..... 18
5. Refiner Volumes of Petroleum Products for Resale ..... 20
6. Refiner Total Motor Gasoline Prices, Volumes, and Percentages by Seller Type ..... 24
7. Refiner Motor Gasoline Prices by Grade and Sales Type ..... 26
8. Refiner Motor Gasoline Volumes by Grade and Sales Type ..... 27
9. Refiner Total Motor Gasoline Prices by Seller Type ..... 29
10. Refiner Total Motor Gasoline Volumes by Seller Type ..... 30
11. Refiner/Reseller Unleaded Motor Gasoline Prices by Sales Type ..... 31
12. Refiner/Reseller Premium Motor Gasoline Prices by Sales Type ..... 41
13. No. 2 Distillate Prices ..... 51
14. Prices of No. 2 Distillate to Residences ..... 52
15. Refiner Residual Fuel Oil Prices ..... 55
16. Refiner Residual Fuel Oil Volumes ..... 57
17. Refiner/Reseller Residual Fuel Oil Prices to End Users for Selected States ..... 59
18. Refiner/Reseller Residual Fuel Oil Prices for Resale for Selected States ..... 62

**Crude Oil Prices**

19. Crude Oil Refiner Acquisition Costs ..... 67
20. Domestic Crude Oil First Purchase Prices ..... 68
21. FOB Costs of Imported Crude Oil ..... 71
22. Landed Costs of Imported Crude Oil ..... 72
23. FOB Costs of Imported Crude Oil by API Gravity ..... 73
24. Landed Costs of Imported Crude Oil by API Gravity ..... 74
25. Percentages of Total Imported Crude Oil by API Gravity ..... 75
26. FOB Costs of Imported Crude Oil for Selected Crude Streams ..... 76
27. Landed Costs of Imported Crude Oil for Selected Crude Streams ..... 78

Page

**Sales Prices of Petroleum Products**


28. Refiner/Reseller Motor Gasoline Prices by Grade ..... 83
29. Refiner/Reseller Total Motor Gasoline Prices by Seller Type ..... 98
30. Refiner/Reseller Leaded Gasoline Prices by Seller Type ..... 113
31. Refiner/Reseller Unleaded Gasoline Prices by Seller Type ..... 128
32. Refiner/Reseller Premium Gasoline Prices by Seller Type ..... 143
33. Refiner Prices of Aviation Fuels and Propane ..... 158
34. Refiner Prices of Kerosene and Distillates ..... 173
35. No. 2 Distillate Prices by Seller Type and Selected States ..... 188
36. No. 2 Distillate Prices by Sales Type and Selected States ..... 197
37. No. 2 Fuel Oil Prices by Sales Type and Selected States ..... 206
38. Refiner No. 4 and Residual Fuel Oil Prices by PAD District ..... 215
39. Refiner/Reseller Residual Fuel Oil Prices for Selected States ..... 218


**Sales Volumes of Petroleum Products**


40. Refiner Total Motor Gasoline Volumes by Seller Type ..... 231
41. Refiner Motor Gasoline Volumes by Grade ..... 246
42. Refiner Volumes of Aviation Fuels and Propane ..... 261
43. Refiner Volumes of Kerosene and Distillates ..... 276
44. Refiner No. 4 and Residual Fuel Oil Volumes by PAD District ..... 291


**First Sales of Petroleum Products for Consumption**


45. Volumes of First Sales of Motor Gasoline by Grade ..... 297
46. Volumes of First Sales of Aviation Fuels, Propane, and Residual Fuel Oil ..... 312
47. Volumes of First Sales of Distillate Fuel Oils ..... 327


**Standard Errors and Survey Response Percentages**


48. Lowest and Highest Monthly Standard Errors of Sales Prices of Motor Gasoline, No. 2 Distillate, and Residual Fuel Oil, 1987 ..... 345
49. Response Rate by Type of Entity, 1987 ..... 346

Page

## *Figures*


1. Crude Oil ..... 13
2. Refiner Retail Product Prices ..... 15
3. Refiner Retail Product Volumes ..... 17
4. Refiner Wholesale Product Prices ..... 19
5. Refiner Wholesale Product Volumes ..... 21
6. Refiner Retail Prices of Selected Products ..... 22
7. Refiner Wholesale Prices of Selected Products ..... 23
8. Refiner Total Motor Gasoline Sales Volumes ..... 28
9. No. 2 Distillate Average Retail Prices ..... 54
10. Refiner Residual Fuel Oil Prices ..... 56
11. Refiner Residual Fuel Oil Total Volumes ..... 58

# Introduction

The *Petroleum Marketing Annual* (PMA) contains statistical data on a variety of crude oils and refined petroleum products. The publication provides 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 free-on-board (f.o.b.) and landed cost of imported crude oil, and the refiners' acquisition cost of crude oil. Sales data for motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane are presented.

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 dates.

**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, "Resellers/Retailers' Monthly Petroleum Product Sales Report."

The data presented in Tables 45 to 47 are derived from Form EIA-782C, "Monthly Report of Petroleum Products Sold into States for Consumption."

Information concerning standard errors for prices of motor gasoline, No. 2 distillate, and residual fuel oil, are presented in Table 48. The Form EIA-782 survey response rates are presented in Table 49.

**Sections**

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

- Summary of Crude Oil and Petroleum Products
- Crude Oil Prices
- Sales Prices of Petroleum Products
- Sales Volumes of Petroleum Products
- First Sales of Petroleum Products for Consumption.

The publication highlights salient statistics for the United States in the summary 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.

To provide the reader with a historical perspective on the data, several years of data are presented in the summary section. Generally, the price data in this section go back to 1978 and volume data start with 1983. Throughout the summary section are graphs which illustrate historical annual data as well as 1986 monthly data.

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. The Product Guide located at the end of this publication provides a detailed breakdown of the table coverage. PAD District and/or State-level statistics for petroleum products are presented in the prices, volumes, and first sales of petroleum products sections.

**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.

- Volumes in the summary section are presented in million gallons per day. Volumes shown in the volumes section are in thousands of gallons. First sales for consumption volumes are in thousands of gallons.

- 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.

- "Seller type" comprises the categories major refiners, other refiners (including gas plant operators), and resellers as defined in the Glossary.

- References to "Refiners" include gas plant operators (see the Glossary for definition of "Gas Plant Operators.").

- The category "Company Outlets" refers to sales made through company-operated retail outlets (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).

# Highlights

# Highlights

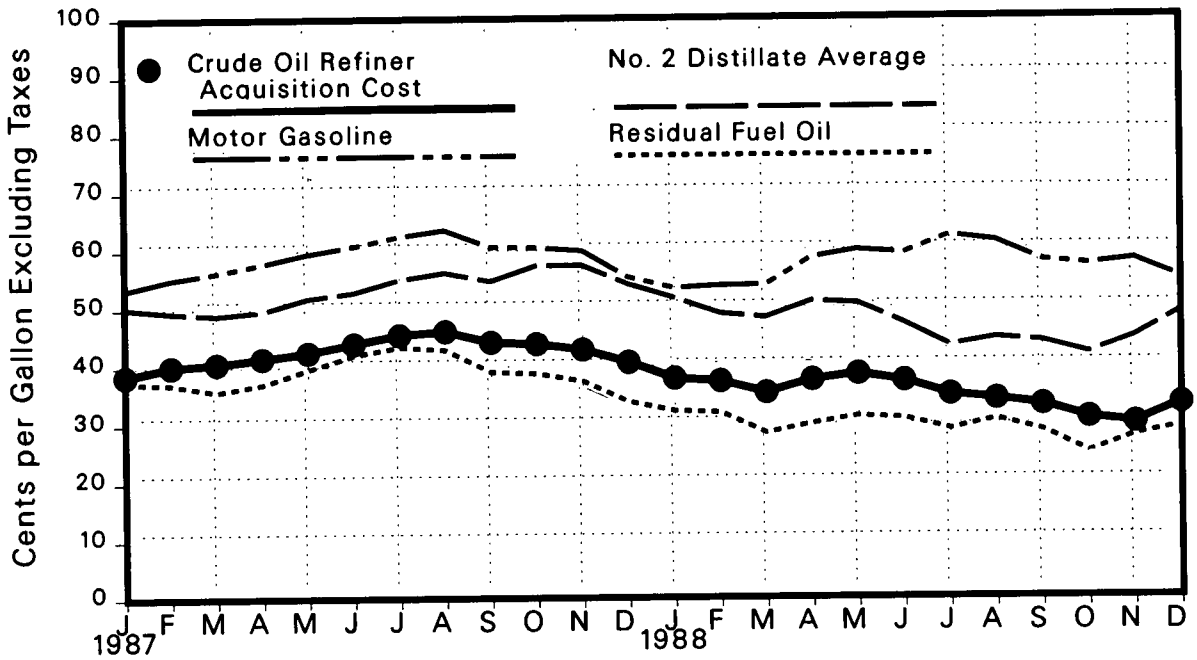
## 1988 Year in Review

### *Overview*

Divergent forces of demand and supply governed petroleum markets in 1988. Continued strong demand for petroleum products, particularly motor gasoline, buoyed wholesale and retail prices throughout the year. Meanwhile, an excess supply of crude oil contributed to a persistent decline in world oil prices through November, to levels not seen since the collapse of the oil market in 1986.

In world crude oil markets, the Organization of Petroleum Exporting Countries (OPEC) struggled throughout the year to maintain production quota discipline, as one member after another joined the worldwide battle for market share. Only after a late-November OPEC meeting, in which a new quota agreement was

**Figure HL1. Comparison of Crude Oil Prices to Wholesale Product Prices**




Source: Energy Information Administration, "Petroleum Marketing Annual," Tables 1 and 4.

reached (which took effect in January 1989), did prices move up significantly, in anticipation of supply reductions.

In the United States, the decline in crude oil prices accelerated the reduction in domestic production, which combined with strong product demand to push total imports of crude oil and refined products to their highest level since 1979. Increased demand for petroleum products was fueled by economic growth (a 3.9 percent rise in gross national product from 1987) along with extreme weather conditions (a colder-than-normal winter followed by a summer heat wave). This strong demand helped to boost the average U.S. refinery capacity utilization rate in 1988 to 84.4 percent, up from 83.1 percent in 1987 (EIA, Petroleum Supply Annual, 1988). Product prices declined in 1988, but to a lesser extent than crude oil, resulting in increased gross margins for refiners (Figure HL1).

OPEC began the year apparently in control of its production volumes, although nearly 2 million barrels per day in excess of existing quotas. Soon, however, limited attempts at discipline gave way to a reemergence of widespread discounting, leading to increased sales volumes as the year went on. An offer by some non-OPEC countries for bilateral production cutbacks was rejected by most OPEC ministers, but not before creating a brief surge in crude oil prices. Overall OPEC production volumes were further affected by the July cease-fire between Iran and Iraq, reducing the risk of shipping through the Persian Gulf, and allowing both nations to begin rebuilding war-damaged production and shipping facilities. In October, Saudi Arabia announced its intention to increase shipments of crude oil until other members began honoring their quotas. Finally, in late November, OPEC reached an accord that returned Iraq to the quota system and established a new overall ceiling of 18.5 million barrels per day. As the year ended, OPEC members were working to reduce export commitments to bring 1989 production in line with the new quotas.

A number of unusual incidents, both natural and man-made, generated significant effects on petroleum markets in 1988. Weather conditions on the U.S. Gulf coast affected both upstream and downstream operations. Extended summer drought conditions in the midwestern U.S. resulted in reduced water flow on the Mississippi River, curtailing shipping and threatening to reduce refinery throughput due to lack of fresh water. In September, Hurricane Gilbert caused the temporary shutdown of several refineries, all offshore oil rigs in the U.S. portion of the Gulf of Mexico, and the Louisiana Offshore Oil Port. Serious accidents also affected both crude oil and product supplies. In July, a gas explosion destroyed the Piper Alpha production platform in the North Sea, killing 167 people and temporarily shutting down the entire Flotta crude stream. A catalytic cracking unit at Shell Oil Company's Norco, Louisiana refinery exploded in May, curtailing operations indefinitely until the unit can be rebuilt.

The wave of industry consolidation and vertical integration seen in recent years continued in 1988. While Saudi Arabia's long- expected move into U.S. refining and marketing in the Star Enterprise joint venture with Texaco was the most dramatic, other producing nations continued the relatively quiet expansion of downstream interests. Venezuela added to its existing U.S. investments by purchasing the remaining half of its Champlin joint venture, and entering into a similar arrangement with Unocal, centering around the latter's Illinois refinery and associated properties. Sinochem, the Chinese state oil company, entered into a joint venture with Coastal to operate Coastal's existing West Coast refining and marketing assets. Counter to this trend were Sun Company's spinoff of its exploration and production business and Tenneco's liquidation auction of its petroleum assets.

## *Crude Oil*

Total acquisitions of crude oil by U.S. refiners in 1988 averaged 13.5 million barrels per day, an increase of 2.0 percent over 1987 levels. Fueled by strong product demand and healthy refinery margins, refiners in the United States raised crude runs (crude oil and condensate input to refineries) to the highest level since 1980. Due to the high demand for crude oil, and decreasing domestic production, refiner acquisitions of imported crude oil continued to increase, both in volume and in percentage of total acquisitions, reaching 5.3 million barrels per day (39.0 percent of the total) in 1988.

The cost of crude oil to U.S. refiners fell an average of $3.23 per barrel (18.0 percent) from 1987 levels, to an average composite acquisition cost of $14.67 per barrel. Refiners paid an average of $14.74 per barrel for domestic crude oil in 1988, down $3.02 per barrel (17.0 percent) from 1987, and $14.56 per barrel for imported crude oil, a decrease of $3.57 (19.7 percent) from the previous year.

First purchase prices for domestic crude oil in 1988 averaged $12.58 per barrel, a decrease of $2.82 (18.3 percent) from 1987 (Figure HL2). Domestic crude oil production in 1988 averaged approximately 8.1 million barrels per day, a decrease of about 200 thousand barrels per day, or 2.5 percent, from 1987 (EIA, Petroleum Supply Annual, 1988). The substantial decline in crude oil prices had a twofold effect on U.S. domestic production: some higher-cost production was shut in, because the lower prices apparently were insufficient to offset production expenses, and the continual replacement of older, declining fields was not accomplished, since seemingly lower rates of return did not justify new investment. In 1988, a 3.2 percent increase in Alaskan production volumes was more than offset by declines in the other major producing areas. There were 200 fewer U.S. rigs operating in 1988 than at the end of 1987.

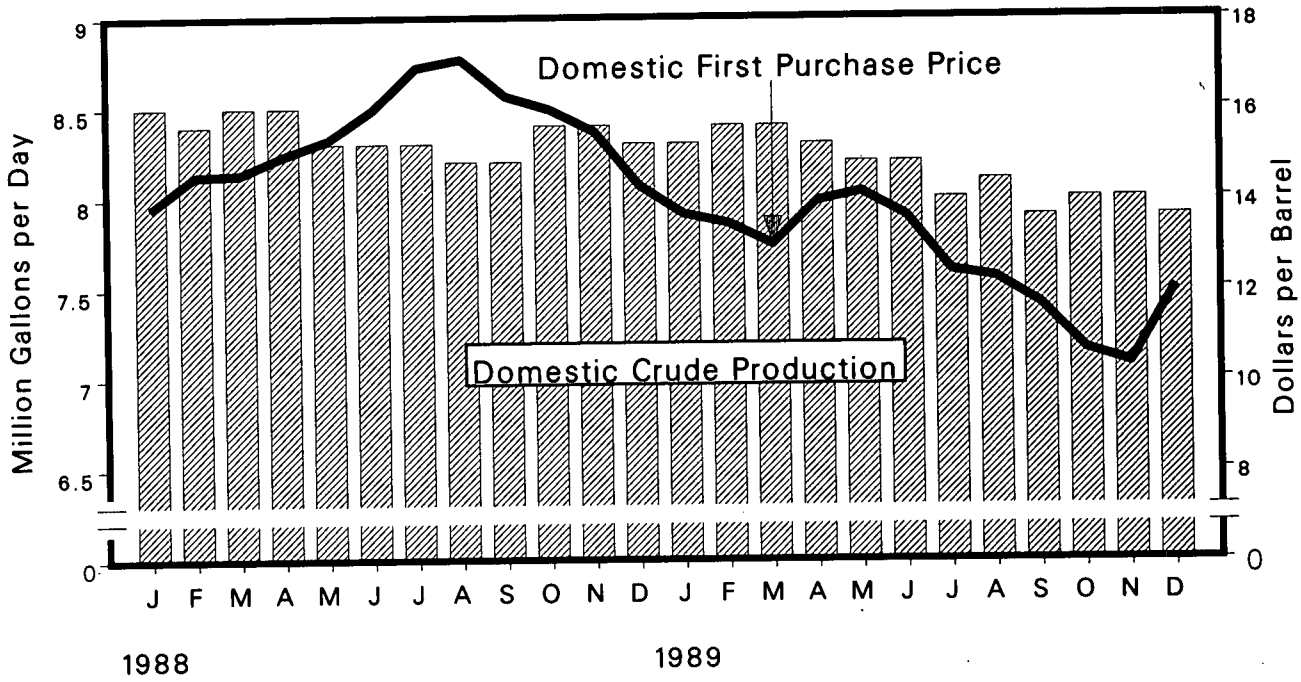
As domestic crude oil production decreased, the volume of crude oil imported into the United States rose in 1988 for the third consecutive year, to an average of 5.0 million barrels per day (excluding Strategic Petroleum Reserve), an increase of 8.7 percent from 1987 (EIA, Petroleum Supply Annual, 1988). Imports from OPEC sources climbed 12.0 percent, while non-OPEC shipments rose 4.7 percent. The annual average free-on-board (f.o.b.) cost of foreign crude oil fell $3.44 per barrel (20.6 percent) to $13.25 in 1988. The average landed cost of crude oil imports declined $3.57 per barrel to $14.08, a decrease of 20.2 percent from 1987 levels. The average cost of crude oil imported from OPEC sources posted smaller decreases, falling 18.3 percent and 19.6 percent for f.o.b. and landed costs, respectively.

## *Petroleum Products*

Total annual refiner sales of the major petroleum products, both to end users and for resale, increased in 1988. Sales to end users rose 2.5 percent, with small increases in most products. Refiner sales for resale showed a climb of 3.4 percent, with more substantial gains in No. 2 diesel and residual fuels.

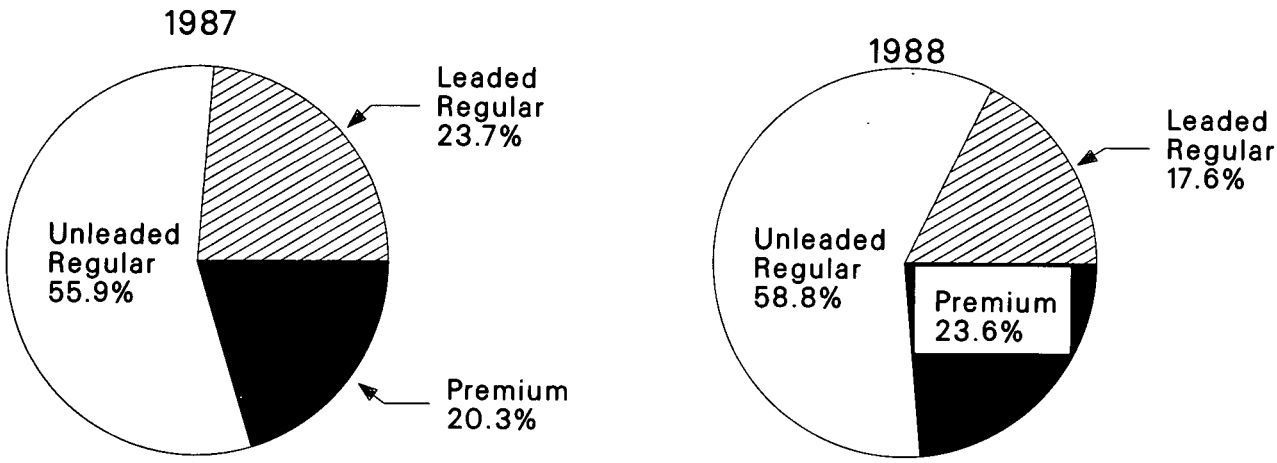
Total sales of motor gasoline by refiners in 1988 were 324.7 million gallons per day, an increase of 6.5 million gallons per day (2.0 percent) from 1987. Sales of motor gasoline by grade continued to shift in 1988, as the market share of leaded gasoline progressively declined, premium grade sales increased, and the newly-emerging midgrade unleaded took hold in the marketplace (Figure HL3). By the end of the year, refiner sales of leaded regular had dropped to 14.0 percent of the total, premium grades had increased to a share of 25.0 percent (compared to 22.6 percent at the end of 1987), and the unleaded regular category (including

**Figure HL2. Domestic Crude Oil Product Volumes and First Purchase Prices**




Source: Energy Information Administration, "Petroleum Marketing Annual," Table 1; "Petroleum Supply Annual," Table S1.

**Figure HL3. Percentages of Refiner Total Motor Gasoline Sales, by Grade**




Source: Energy Information Administration, "Petroleum Marketing Annual," Table 8.

the new midgrade) continued to dominate, rising to 61.0 percent.

Motor gasoline prices showed mixed movement in 1988. The annual average refiner retail price rose 0.4 cents to 67.3 cents per gallon, while the average wholesale price dropped 1.2 cents to 57.7 cents per gallon. Price differentials between grades of motor gasoline changed significantly. The differential between leaded and unleaded regular gasolines narrowed to 2.5 cents per gallon (from 3.6 cents in 1987) at company-operated retail outlets, and the average refiner wholesale price of unleaded regular fell equal to that of leaded regular for the first time (Figure HL4). The gap between regular unleaded and premium continued to increase, to 14.5 and 12.4 cents per gallon at company-operated retail outlet and wholesale levels, respectively, versus 13.1 and 10.2 cents the previous year. Including data reported by the sample of motor gasoline marketers, national average retail prices rose 0.2 cent to 68.6 cents per gallon at company-operated retail outlets, and fell 0.2 cent to 64.1 cents per gallon for sales to other end users. Average wholesale prices decreased 1.2 cents to 58.0 cents per gallon.

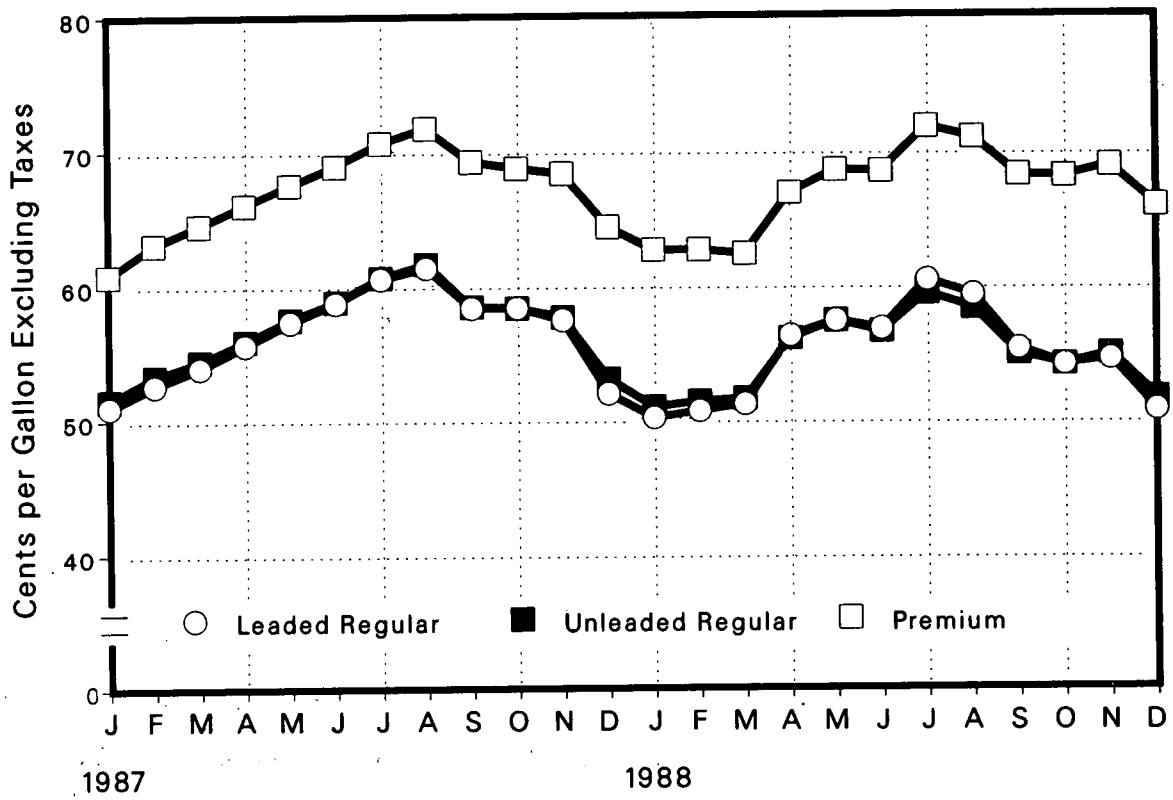
Total refiner sales of No. 2 distillate fuels rose 4.9 million gallons per day (4.0 percent) to 127.0 million gallons per day in 1988. No. 2 fuel oil sales by refiners increased 0.9 million gallons per day (1.7 percent), and No. 2 diesel fuel sales climbed 3.9 million gallons per day (5.7 percent), to 54.7 and 72.3 million gallons per day, respectively.

No. 2 distillate prices fell substantially in 1988 in all categories except residential heating fuel. The annual average price for sales by refiners fell 4.9 cents to 50.7 cents per gallon to end users, and 5.8 cents to 47.3 cents per gallon for resale. Including data reported by the sample of distillate fuel marketers, the national average price for No. 2 distillate sales to residences rose 1.0 cent to 81.3 cents per gallon, while prices fell in each of the other end-user categories. The national average wholesale price of No. 2 distillate declined 5.3 cents to 48.2 cents per gallon in 1988.

Sales of residual fuel oil rose in 1988, while prices fell dramatically. Total refiner sales increased 3.2 million gallons per day (7.0 percent) to 49.1 million gallons per day. Refiner sales volumes remained constant for low-sulfur and were up 3.2 million gallons per day (13.9 percent) for high-sulfur, to 22.9 and 26.2 million gallons per day, respectively. Including data reported by the sample of residual fuel marketers, the national average retail price for residual fuel oil fell 8.7 cents to 33.9 cents per gallon in 1988, and the average wholesale price dropped 8.4 cents to 31.5 cents per gallon.

In refiner sales of other products, the volumes of kerosene-based jet fuel and aviation gasoline sold in 1988 were above 1987 levels, by 2.7 and 1.2 percent, respectively. The annual average price of kerosene-based jet fuel fell 3.0 cents per gallon at the retail level, and 4.3 cents per gallon at wholesale, while aviation gasoline prices fell 0.8 and 0.9 cents per gallon at the corresponding levels. Sales volumes of consumer-grade propane, kerosene, and No. 1 distillate showed increases, while No. 4 fuel oil fell slightly. The annual average price for sales of consumer-grade propane to end users rose 1.3 cents per gallon in 1988, and the average wholesale price fell 1.2 cents per gallon. Prices fell at both levels for kerosene and No. 1 and No. 4 distillates.

**Figure HL4. Refiner Motor Gasoline Average Wholesale Prices, by Grade**




Source: Energy Information Administration, "Petroleum Marketing Annual," Table 7.

# Summary Statistics

# Table 1. Crude Oil Prices
(Dollars per Barrel)

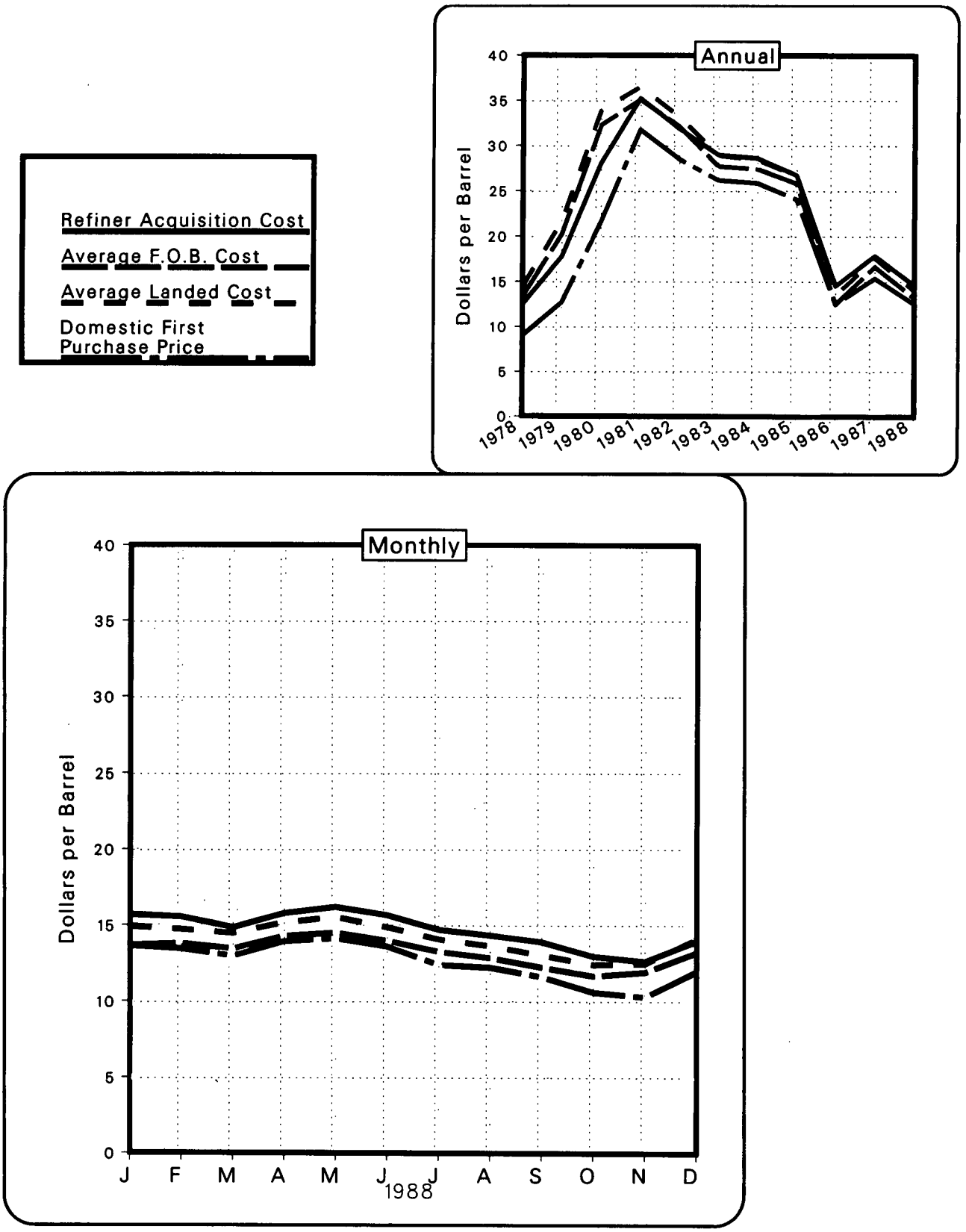
| Year Month | Domestic First Purchase Prices | Average FOB[a] Cost of Crude Oil Imports[b] | Average Landed Cost of Crude Oil Imports[b] | Refiner Acquisition Cost of Crude Oil | | |
|---|---|---|---|---|---|---|
| | | | | Domestic | Imported | Composite |
| **1978 Average** | **9.00** | **13.30** | **14.38** | **10.61** | **14.57** | **12.46** |
| **1979 Average** | **12.64** | **20.19** | **21.65** | **14.27** | **21.67** | **17.72** |
| **1980 Average** | **21.59** | **32.27** | **33.95** | **24.23** | **33.89** | **28.07** |
| **1981 Average** | **31.77** | **35.10** | **36.52** | **34.33** | **37.05** | **35.24** |
| **1982 Average** | **28.52** | **32.11** | **33.18** | **31.22** | **33.55** | **31.87** |
| **1983 Average** | **26.19** | **27.73** | **28.93** | **28.87** | **29.30** | **28.99** |
| **1984 Average** | **25.88** | **27.44** | **28.46** | **28.53** | **28.88** | **28.63** |
| **1985 Average** | **24.09** | **25.83** | **26.66** | **26.66** | **26.99** | **26.75** |
| **1986** | | | | | | |
| January | 23.12 | 21.46 | 22.88 | 25.91 | 24.93 | 25.63 |
| February | 17.65 | 15.11 | 16.23 | 20.31 | 18.11 | 19.76 |
| March | 12.62 | 12.62 | 13.55 | 15.02 | 14.22 | 14.80 |
| April | 10.68 | 11.60 | 12.45 | 13.01 | 13.15 | 13.05 |
| May | 10.75 | 11.05 | 12.22 | 12.99 | 13.17 | 13.05 |
| June | 10.68 | 10.85 | 11.90 | 13.12 | 12.25 | 12.83 |
| July | 9.25 | 9.74 | 10.87 | 11.44 | 10.91 | 11.26 |
| August | 9.77 | 10.59 | 11.51 | 11.97 | 11.87 | 11.93 |
| September | 11.09 | 11.78 | 12.70 | 13.29 | 12.85 | 13.13 |
| October | 11.00 | 11.98 | 13.10 | 13.20 | 12.78 | 13.05 |
| November | 11.05 | 12.63 | 13.55 | 13.22 | 13.46 | 13.30 |
| December | 11.73 | 13.84 | 14.50 | 13.66 | 14.17 | 13.84 |
| **1986 Average** | **12.51** | **12.52** | **13.49** | **14.82** | **14.00** | **14.55** |
| **1987** | | | | | | |
| January | 13.79 | 15.30 | 16.16 | 16.01 | 16.45 | 16.16 |
| February | 14.51 | 15.95 | 16.86 | 16.77 | 16.98 | 16.83 |
| March | 14.54 | 16.31 | 17.05 | 16.93 | 17.26 | 17.04 |
| April | 14.95 | 16.79 | 17.53 | 17.21 | 17.89 | 17.44 |
| May | 15.29 | 17.20 | 17.91 | 17.63 | 18.25 | 17.85 |
| June | 15.95 | 17.53 | 18.34 | 18.33 | 18.71 | 18.47 |
| July | 16.88 | 17.90 | 18.87 | 19.04 | 19.26 | 19.13 |
| August | 17.06 | 17.72 | 18.88 | 19.39 | 19.32 | 19.36 |
| September | 16.25 | 17.09 | 18.04 | 18.57 | 18.57 | 18.57 |
| October | 15.95 | 16.56 | 17.67 | 18.36 | 18.53 | 18.43 |
| November | 15.46 | 16.41 | 17.52 | 17.94 | 18.14 | 18.02 |
| December | 14.27 | 14.73 | 16.03 | 17.02 | 17.20 | 17.09 |
| **1987 Average** | **15.40** | **16.69** | **17.65** | **17.76** | **18.13** | **17.90** |
| **1988** | | | | | | |
| January | 13.64 | 13.66 | 14.92 | 15.80 | 15.45 | 15.68 |
| February | 13.43 | 13.79 | 14.72 | 15.58 | 15.43 | 15.53 |
| March | 12.96 | 13.43 | 14.47 | 14.91 | 14.73 | 14.84 |
| April | 13.92 | 14.28 | 15.17 | 15.87 | 15.62 | 15.77 |
| May | 14.12 | 14.49 | 15.52 | 16.35 | 15.93 | 16.18 |
| June | 13.59 | 13.97 | 14.87 | 15.74 | 15.50 | 15.65 |
| July | 12.38 | 13.25 | 14.07 | 14.64 | 14.81 | 14.71 |
| August | 12.22 | 12.84 | 13.64 | 14.36 | 14.32 | 14.34 |
| September | 11.63 | 12.24 | 13.03 | 13.96 | 13.84 | 13.91 |
| October | 10.62 | 11.69 | 12.42 | 12.90 | 13.05 | 12.96 |
| November | 10.31 | 11.94 | 12.49 | 12.61 | 12.66 | 12.63 |
| December | 11.99 | 13.21 | 14.10 | 13.88 | 14.11 | 13.98 |
| **1988 Average** | **12.58** | **13.25** | **14.08** | **14.74** | **14.56** | **14.67** |

[a] FOB = Free on board. See Glossary.
[b] Values through 1980 reflect the month of reporting; values since then reflect the month of loading.

Note: Cargoes that were purchased on a "netback" basis, or under similar contractual arrangements whereby the actual purchase price is not established at the time the crude is acquired for importation into the United States, are not included in the published data until the actual prices have been determined and reported.

Sources: Domestic first purchase prices -- See "Sources" from Table 20. Crude oil imports costs -- See "Sources" from Table 21. Refiner acquisition costs -- See "Sources" from Table 19.

**Figure 1. Crude Oil Prices**




Source: Energy Information Administration, "Petroleum Marketing Annual," Table 1.

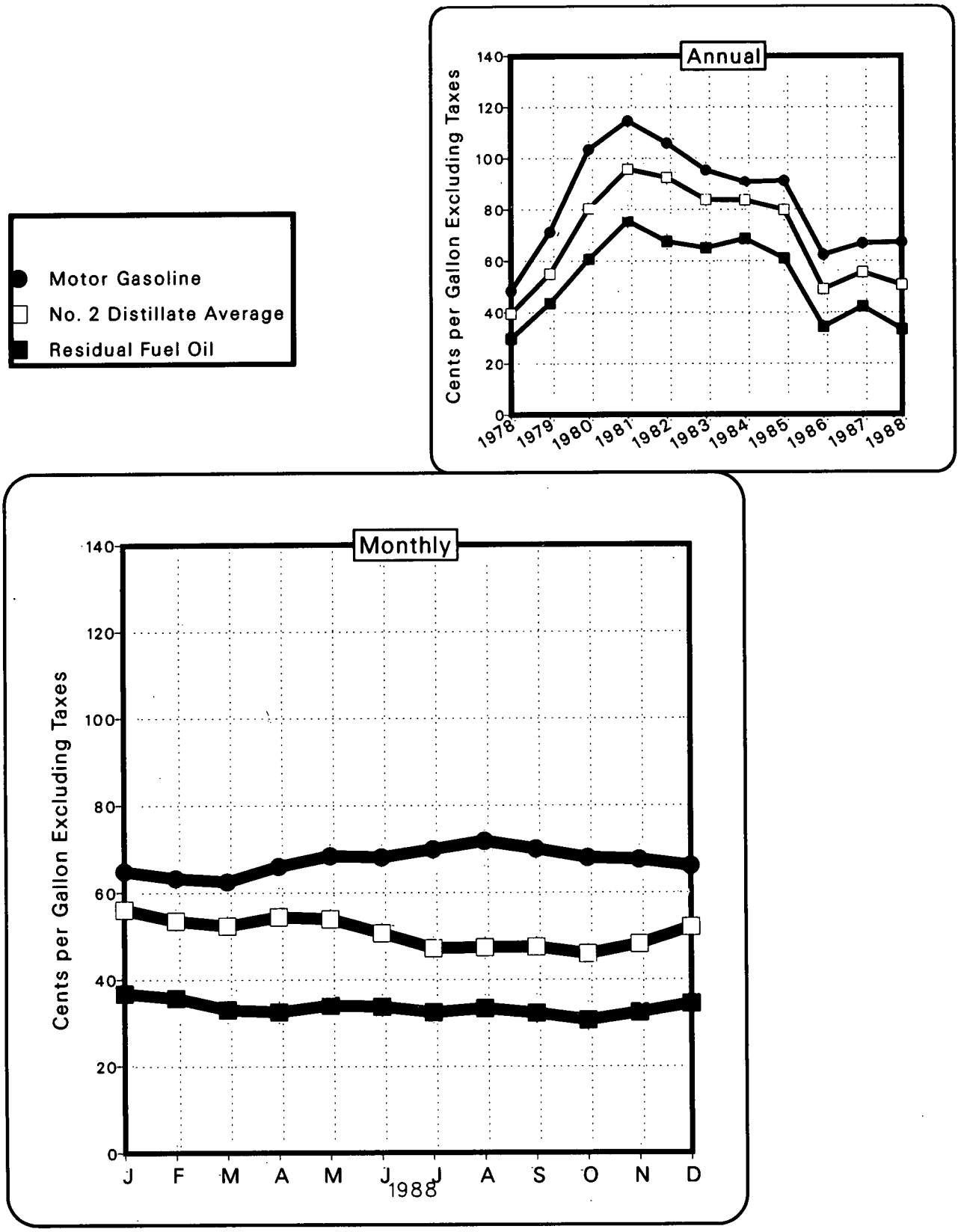
# Table 2. Refiner Prices of Petroleum Products to End Users
(Cents per Gallon Excluding Taxes)

| 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 Fuel Oil | No. 2 Diesel Fuel | Average | | |
| **1978 Average** | **48.4** | **51.6** | **38.7** | **33.5** | **42.1** | **40.9** | **40.0** | **37.7** | **39.6** | **31.1** | **29.8** |
| **1979 Average** | **71.3** | **68.9** | **54.7** | **35.7** | **58.5** | **57.2** | **51.6** | **58.5** | **55.1** | **47.9** | **43.6** |
| **1980 Average** | **103.5** | **108.4** | **86.8** | **48.2** | **90.2** | **83.4** | **78.8** | **81.8** | **80.4** | **68.2** | **60.7** |
| **1981 Average** | **114.7** | **130.3** | **102.4** | **56.5** | **112.3** | **103.9** | **91.4** | **99.5** | **95.8** | **79.7** | **75.6** |
| **1982 Average** | **106.0** | **131.2** | **96.3** | **59.2** | **108.9** | **102.3** | **90.5** | **94.2** | **92.5** | **75.0** | **67.6** |
| **1983 Average** | **95.4** | **125.5** | **87.8** | **70.9** | **96.1** | **96.2** | **91.6** | **82.6** | **83.9** | **76.6** | **65.1** |
| **1984 Average** | **90.7** | **123.4** | **84.2** | **73.7** | **103.6** | **92.7** | **91.6** | **82.3** | **83.7** | **79.6** | **68.7** |
| **1985 Average** | **91.2** | **120.1** | **79.6** | **71.7** | **103.0** | **88.0** | **84.9** | **78.9** | **79.9** | **77.3** | **61.0** |
| **1986** | | | | | | | | | | | |
| January | 89.3 | 116.2 | 80.4 | 83.3 | 104.7 | 85.6 | 86.9 | 78.1 | 80.0 | 76.1 | 57.1 |
| February | 80.5 | 117.2 | 77.8 | 80.9 | 93.0 | 67.0 | 69.8 | 61.5 | 63.1 | 63.7 | 45.8 |
| March | 65.4 | 111.5 | 68.9 | 80.1 | 84.9 | 61.0 | 62.9 | 51.2 | 53.2 | 57.1 | 39.0 |
| April | 59.1 | 104.3 | 57.3 | 75.9 | 79.5 | 61.3 | 54.9 | 48.5 | 49.3 | 48.9 | 33.0 |
| May | 63.8 | 102.2 | 51.9 | 73.1 | 67.6 | 61.0 | 50.0 | 46.4 | 46.9 | 42.2 | 30.1 |
| June | 64.9 | 101.0 | 48.2 | 73.5 | 51.6 | 50.7 | 44.3 | 42.0 | 42.3 | 41.7 | 29.8 |
| July | 58.0 | 98.2 | 43.4 | 70.3 | 48.2 | 43.2 | 38.4 | 36.5 | 36.7 | 34.3 | 25.9 |
| August | 55.5 | 94.9 | 41.0 | 68.4 | 60.5 | 50.4 | 43.8 | 40.5 | 40.9 | 36.1 | 26.5 |
| September | 56.2 | 93.2 | 41.5 | 70.4 | 73.7 | 52.2 | 46.1 | 43.3 | 43.6 | 38.4 | 29.8 |
| October | 53.2 | 91.2 | 41.6 | 69.8 | 69.5 | 50.4 | 44.8 | 41.9 | 42.3 | 36.5 | 30.1 |
| November | 53.2 | 87.2 | 42.4 | 69.6 | 74.5 | 51.6 | 48.3 | 43.2 | 43.9 | 40.9 | 31.2 |
| December | 54.2 | 88.8 | 43.0 | 72.0 | 76.8 | 51.8 | 51.5 | 45.0 | 46.3 | 44.6 | 34.8 |
| **1986 Average** | **62.4** | **101.1** | **52.9** | **74.5** | **79.0** | **62.0** | **56.0** | **47.8** | **49.1** | **48.9** | **34.3** |
| **1987** | | | | | | | | | | | |
| January | 59.7 | 87.9 | 45.9 | 73.3 | 82.8 | 57.8 | 58.3 | 50.7 | 52.2 | 51.8 | 42.0 |
| February | 62.1 | 89.7 | 49.2 | 74.1 | 80.4 | 56.7 | 58.9 | 51.7 | 53.2 | 51.5 | 41.2 |
| March | 62.7 | 90.3 | 50.0 | 72.5 | 82.0 | 55.9 | 55.1 | 51.0 | 51.8 | 48.0 | 40.0 |
| April | 64.9 | 89.8 | 51.0 | 71.4 | 78.2 | 56.1 | 55.0 | 51.5 | 52.0 | 49.1 | 42.0 |
| May | 66.3 | 90.6 | 52.4 | 71.2 | 66.8 | 55.3 | 54.7 | 53.3 | 53.4 | 50.8 | 43.4 |
| June | 67.7 | 91.3 | 53.4 | 65.8 | 59.8 | 56.6 | 54.7 | 54.3 | 54.4 | 51.1 | 44.8 |
| July | 69.6 | 91.5 | 55.7 | 64.6 | 60.4 | 57.6 | 56.6 | 56.3 | 56.4 | 52.8 | 46.4 |
| August | 71.6 | 92.4 | 58.2 | 67.4 | 60.2 | 63.8 | 57.9 | 58.1 | 58.1 | 52.9 | 45.0 |
| September | 70.5 | 91.9 | 58.3 | 66.6 | 77.0 | 63.3 | 56.3 | 57.0 | 56.9 | 49.4 | 41.7 |
| October | 69.7 | 91.4 | 59.5 | 65.4 | 78.8 | 65.4 | 60.7 | 59.5 | 59.7 | 52.8 | 41.9 |
| November | 69.4 | 91.0 | 59.9 | 71.1 | 83.1 | 67.4 | 63.2 | 60.4 | 60.9 | 54.1 | 42.1 |
| December | 67.4 | 90.0 | 58.2 | 71.7 | 87.9 | 62.8 | 63.0 | 57.3 | 58.5 | 52.4 | 37.8 |
| **1987 Average** | **66.9** | **90.7** | **54.3** | **70.1** | **77.0** | **60.4** | **58.1** | **55.1** | **55.6** | **51.3** | **42.3** |
| **1988** | | | | | | | | | | | |
| January | 64.9 | 88.4 | 56.4 | 72.6 | 84.1 | 58.8 | 63.0 | 54.2 | 56.1 | 50.5 | 36.7 |
| February | 63.3 | 88.2 | 55.0 | 75.5 | 84.6 | 55.5 | 60.1 | 51.9 | 53.5 | 51.3 | 35.6 |
| March | 62.5 | 87.7 | 53.9 | 73.6 | 77.5 | 56.6 | 57.6 | 51.3 | 52.3 | 46.6 | 32.9 |
| April | 66.0 | 87.6 | 52.3 | 68.9 | 82.2 | 60.0 | 58.5 | 53.8 | 54.4 | 48.5 | 32.4 |
| May | 68.4 | 89.2 | 53.1 | 65.2 | 61.2 | 58.8 | 55.5 | 53.6 | 53.9 | 46.6 | 33.9 |
| June | 68.1 | 87.2 | 52.7 | 70.0 | 55.4 | 56.0 | 49.3 | 50.8 | 50.6 | 43.5 | 33.6 |
| July | 69.9 | 89.7 | 50.3 | 70.7 | 56.0 | 52.3 | 46.3 | 47.2 | 47.1 | 42.5 | 32.3 |
| August | 71.8 | 92.2 | 49.1 | 68.9 | 56.3 | 53.2 | 47.7 | 47.3 | 47.3 | 41.9 | 33.2 |
| September | 70.0 | 90.8 | 48.4 | 69.9 | 66.1 | 54.6 | 48.3 | 47.3 | 47.4 | 42.9 | 32.1 |
| October | 68.0 | 88.7 | 46.3 | 69.4 | 71.8 | 53.5 | 48.0 | 45.4 | 45.8 | 41.6 | 30.5 |
| November | 67.6 | 89.2 | 47.6 | 71.5 | 71.1 | 54.7 | 51.5 | 47.4 | 48.1 | 43.3 | 32.3 |
| December | 66.1 | 89.2 | 51.0 | 73.5 | 74.1 | 57.0 | 58.1 | 50.5 | 52.0 | 46.3 | 34.3 |
| **1988 Average** | **67.3** | **89.1** | **51.3** | **71.4** | **73.8** | **56.4** | **54.4** | **50.0** | **50.7** | **46.1** | **33.4** |

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

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

**Figure 2. Refiner Retail Product Prices**



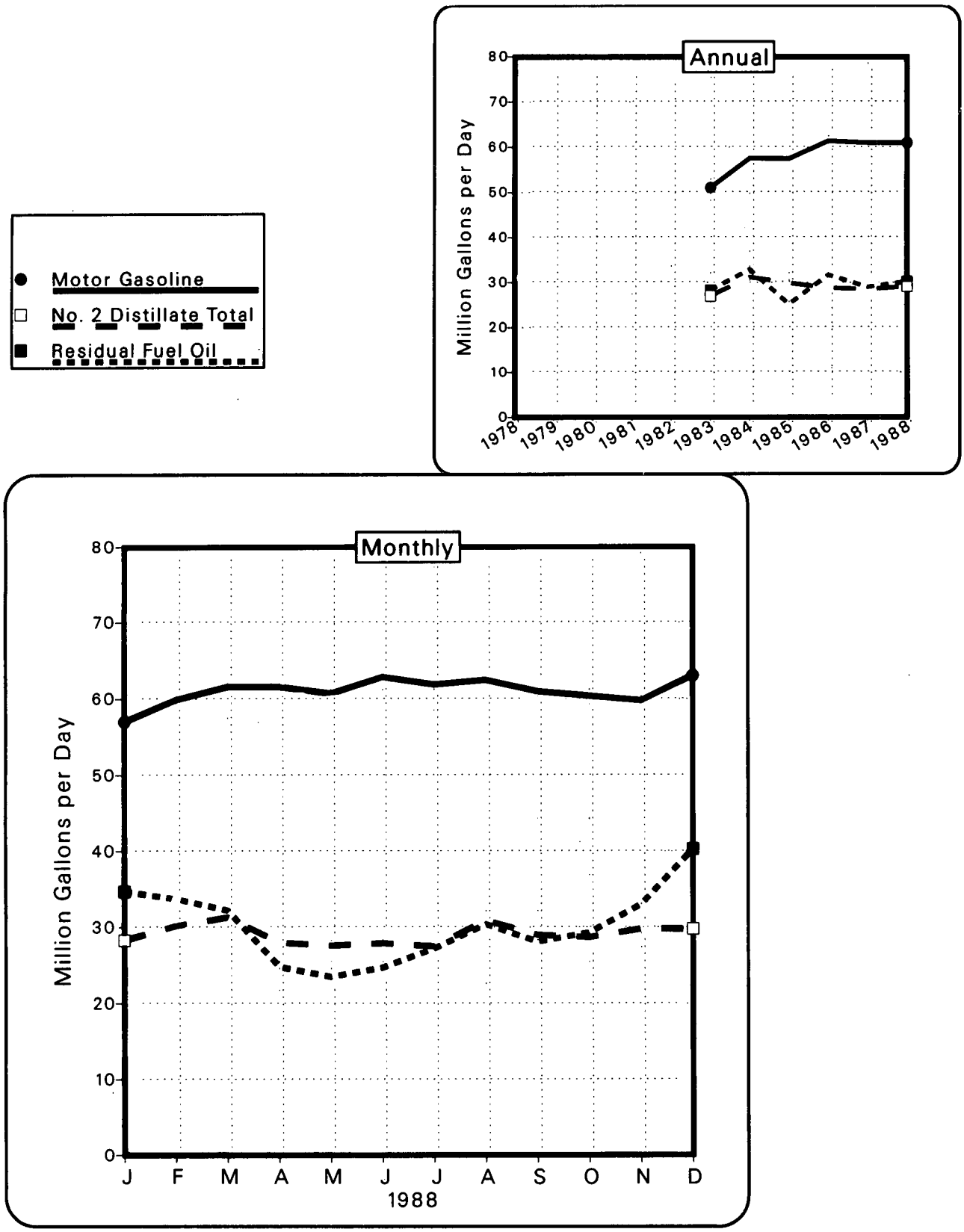

Source: Energy Information Administration, "Petroleum Marketing Annual," Table 2.

# Table 3. 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 Fuel Oil | No. 2 Diesel Fuel | Total | | |
| **1983 Average** | **51.1** | **0.4** | **30.8** | **3.1** | **0.2** | **0.5** | **3.7** | **23.3** | **27.0** | **0.7** | **28.3** |
| **1984 Average** | **57.6** | **.3** | **32.9** | **3.3** | **.3** | **.5** | **4.9** | **26.3** | **31.2** | **.7** | **32.9** |
| **1985 Average** | **57.5** | **.3** | **34.6** | **3.7** | **.3** | **.5** | **5.0** | **25.0** | **29.9** | **.5** | **25.2** |
| **1986** | | | | | | | | | | | |
| January | 55.3 | .3 | 36.8 | 4.8 | .5 | 1.0 | 6.2 | 22.1 | 28.3 | .9 | 31.4 |
| February | 58.5 | .2 | 34.1 | 4.4 | .5 | .9 | 5.8 | 24.0 | 29.8 | .9 | 31.1 |
| March | 61.3 | .3 | 34.1 | 3.6 | .3 | .4 | 5.1 | 25.3 | 30.4 | .7 | 31.6 |
| April | 62.6 | .3 | 33.7 | 2.9 | .2 | .2 | 4.0 | 26.1 | 30.0 | .7 | 30.1 |
| May | 65.6 | .3 | 34.2 | 2.4 | .1 | .2 | 3.8 | 25.1 | 28.9 | .5 | 29.6 |
| June | 63.3 | .3 | 35.8 | 2.2 | .3 | .1 | 3.6 | 24.7 | 28.3 | .4 | 31.2 |
| July | 62.9 | .3 | 34.9 | 2.1 | .2 | .2 | 3.1 | 24.9 | 28.0 | .4 | 33.8 |
| August | 61.3 | .3 | 35.1 | 2.6 | .1 | .2 | 3.5 | 24.7 | 28.2 | .5 | 34.3 |
| September | 60.3 | .2 | 36.9 | 3.4 | .1 | .2 | 3.4 | 24.0 | 27.5 | .5 | 32.1 |
| October | 60.9 | .2 | 35.2 | 3.8 | .2 | .3 | 4.1 | 25.9 | 30.0 | .6 | 26.6 |
| November | 61.9 | .2 | 34.9 | 3.9 | .3 | .7 | 4.2 | 23.6 | 27.8 | .9 | 30.1 |
| December | 62.3 | .2 | 36.5 | 4.9 | .4 | .6 | 5.7 | 23.5 | 29.2 | 1.2 | 38.5 |
| **1986 Average** | **61.4** | **.3** | **34.6** | **3.6** | **.3** | **.4** | **4.3** | **24.5** | **28.8** | **.6** | **31.7** |
| **1987** | | | | | | | | | | | |
| January | 56.5 | .2 | 36.4 | 5.4 | .5 | .7 | 5.9 | 23.0 | 28.9 | 1.5 | 35.3 |
| February | 60.6 | .2 | 36.9 | 5.2 | .5 | .6 | 6.4 | 23.6 | 30.0 | 1.5 | 32.5 |
| March | 61.6 | .2 | 37.2 | 4.1 | .2 | .4 | 5.9 | 23.8 | 29.6 | 1.2 | 28.9 |
| April | 61.7 | .2 | 37.1 | 3.4 | .2 | .2 | 3.8 | 24.1 | 27.9 | .9 | 28.3 |
| May | 61.7 | .2 | 35.8 | 2.3 | .1 | .2 | 3.3 | 24.0 | 27.3 | .5 | 22.5 |
| June | 64.3 | .2 | 38.0 | 2.7 | .2 | .2 | 3.5 | 25.3 | 28.8 | .6 | 28.2 |
| July | 62.4 | .2 | 39.1 | 2.5 | .2 | .2 | 3.9 | 24.4 | 28.3 | .6 | 31.0 |
| August | 62.6 | .2 | 37.4 | 2.5 | .3 | .3 | 3.3 | 24.4 | 27.7 | .5 | 29.2 |
| September | 59.3 | .2 | 36.7 | 3.5 | .1 | .3 | 3.6 | 25.0 | 28.6 | .5 | 26.4 |
| October | 60.7 | .2 | 35.5 | 4.5 | .3 | .4 | 4.0 | 25.9 | 29.9 | .6 | 22.2 |
| November | 58.9 | .2 | 35.2 | 4.3 | .3 | .5 | 4.6 | 22.9 | 27.5 | .9 | 27.3 |
| December | 61.7 | .2 | 36.5 | 5.4 | .4 | .7 | 5.6 | 22.3 | 27.9 | 1.1 | 35.7 |
| **1987 Average** | **61.0** | **.2** | **36.8** | **3.8** | **.3** | **.4** | **4.5** | **24.1** | **28.5** | **.8** | **29.0** |
| **1988** | | | | | | | | | | | |
| January | 57.0 | .2 | 35.1 | 6.7 | .6 | 1.0 | 6.2 | 22.1 | 28.3 | 1.6 | 34.7 |
| February | 59.9 | .2 | 38.0 | 6.6 | .4 | 1.0 | 5.8 | 24.3 | 30.2 | 1.5 | 33.7 |
| March | 61.6 | .2 | 38.2 | 5.0 | .3 | .4 | 5.1 | 26.2 | 31.3 | 1.5 | 32.2 |
| April | 61.6 | .2 | 37.3 | 3.7 | .1 | .2 | 3.8 | 24.2 | 28.0 | .8 | 24.8 |
| May | 60.7 | .2 | 37.8 | 3.3 | .2 | .2 | 3.6 | 24.0 | 27.6 | .8 | 23.5 |
| June | 62.9 | .3 | 37.9 | 2.6 | .2 | .2 | 3.7 | 24.2 | 27.9 | .8 | 24.7 |
| July | 61.9 | .3 | 39.0 | 2.2 | .1 | .2 | 3.9 | 23.6 | 27.5 | .9 | 27.2 |
| August | 62.5 | .3 | 40.1 | 2.6 | .2 | .2 | 4.7 | 26.2 | 30.9 | 1.1 | 30.4 |
| September | 61.0 | .2 | 39.1 | 3.4 | .2 | .2 | 3.5 | 25.4 | 29.0 | .6 | 28.1 |
| October | 60.4 | .2 | 39.5 | 4.5 | .3 | .3 | 4.1 | 24.6 | 28.7 | .7 | 29.3 |
| November | 59.8 | .2 | 38.0 | 4.8 | .4 | .4 | 5.0 | 24.8 | 29.8 | .9 | 33.0 |
| December | 63.1 | .2 | 38.8 | 5.7 | .7 | .8 | 6.0 | 23.8 | 29.8 | 1.4 | 40.3 |
| **1988 Average** | **61.0** | **.2** | **38.2** | **4.3** | **.3** | **.4** | **4.6** | **24.5** | **29.1** | **1.1** | **30.2** |

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.
Note: Totals or averages may not equal the sum of components due to rounding.
Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Figure 3. Refiner Retail Product Volumes**




Source: Energy Information Administration, "Petroleum Marketing Annual," Table 3.

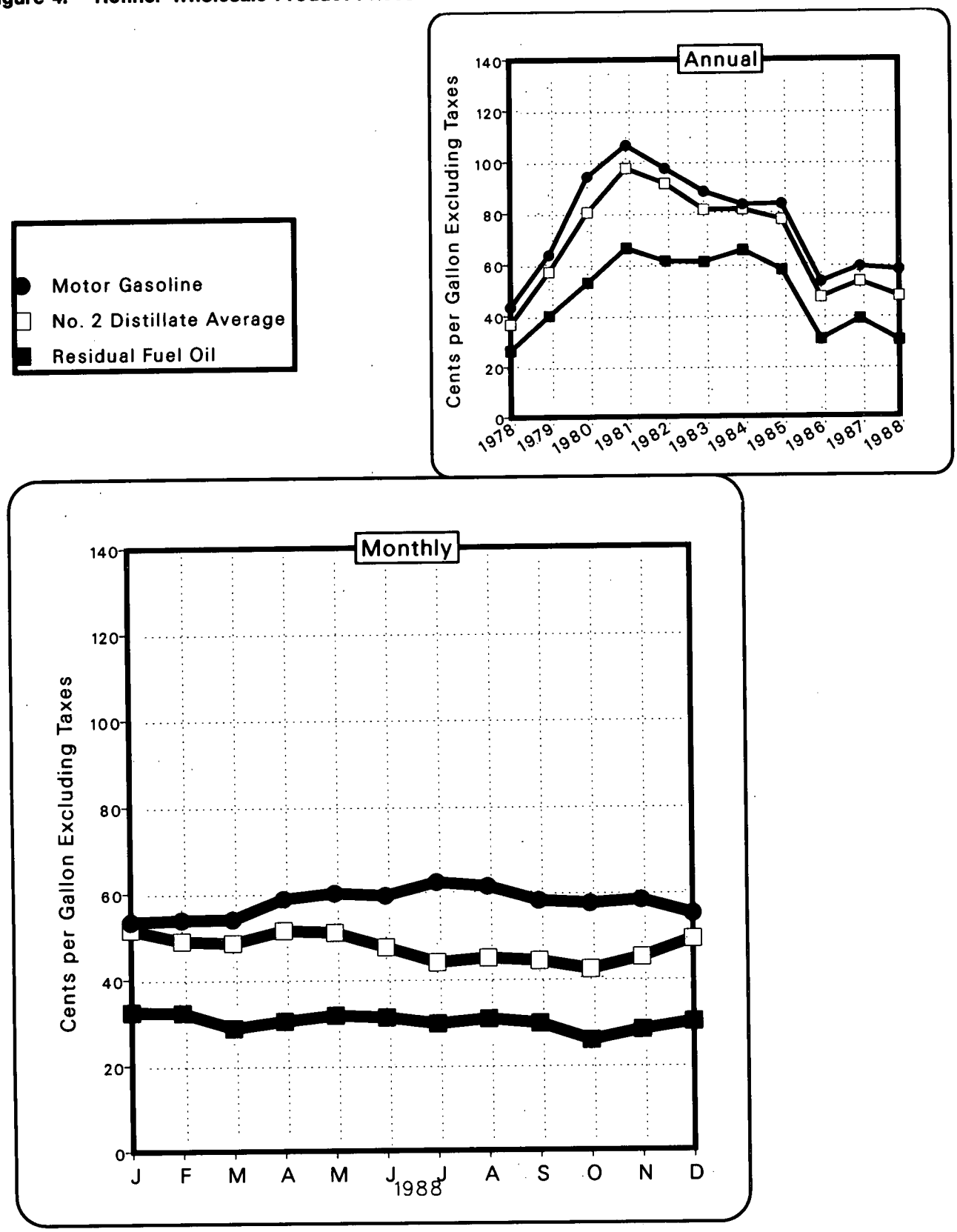
# Table 4. Refiner Prices of Petroleum Products for Resale
(Cents per Gallon Excluding Taxes)

| 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 Fuel Oil | No. 2 Diesel Fuel | Average | | |
| **1978 Average** | **43.4** | **53.7** | **38.6** | **23.7** | **40.4** | **40.6** | **36.9** | **36.5** | **36.7** | **30.5** | **26.3** |
| **1979 Average** | **63.7** | **72.1** | **66.0** | **29.1** | **62.4** | **58.3** | **56.9** | **57.4** | **57.1** | **47.0** | **39.9** |
| **1980 Average** | **94.1** | **112.8** | **86.8** | **41.5** | **86.4** | **88.0** | **80.3** | **80.1** | **80.2** | **67.0** | **52.8** |
| **1981 Average** | **106.4** | **125.0** | **101.2** | **46.6** | **106.6** | **107.1** | **97.6** | **97.2** | **97.4** | **78.3** | **66.3** |
| **1982 Average** | **97.3** | **122.8** | **95.3** | **42.7** | **101.8** | **103.8** | **91.4** | **91.4** | **91.4** | **73.7** | **61.2** |
| **1983 Average** | **88.2** | **117.8** | **85.4** | **48.4** | **89.2** | **89.6** | **81.5** | **80.8** | **81.2** | **72.6** | **60.9** |
| **1984 Average** | **83.2** | **116.5** | **83.0** | **45.0** | **91.6** | **89.2** | **82.1** | **80.3** | **81.3** | **70.7** | **65.4** |
| **1985 Average** | **83.5** | **113.0** | **79.4** | **39.8** | **87.4** | **86.3** | **77.6** | **77.2** | **77.4** | **67.2** | **57.7** |
| **1986** | | | | | | | | | | | |
| January | 76.7 | 111.0 | 77.9 | 44.0 | 83.8 | 82.8 | 73.6 | 73.3 | 73.5 | 65.1 | 51.8 |
| February | 65.1 | 108.9 | 67.7 | 35.4 | 67.1 | 63.8 | 56.4 | 56.1 | 56.3 | 51.2 | 38.7 |
| March | 52.4 | 105.1 | 58.6 | 29.2 | 60.8 | 57.6 | 51.9 | 47.4 | 50.0 | 44.4 | 31.8 |
| April | 51.8 | 97.8 | 50.0 | 27.3 | 52.2 | 56.6 | 45.9 | 46.3 | 46.1 | 40.2 | 28.0 |
| May | 57.9 | 95.6 | 47.5 | 28.5 | 50.1 | 53.9 | 45.2 | 44.2 | 44.7 | 34.8 | 26.5 |
| June | 54.4 | 91.7 | 44.5 | 28.3 | 49.3 | 46.8 | 40.0 | 39.6 | 39.7 | 35.1 | 26.2 |
| July | 45.7 | 86.3 | 40.1 | 25.3 | 41.1 | 40.9 | 34.8 | 34.0 | 34.4 | 28.0 | 21.9 |
| August | 47.9 | 83.7 | 39.8 | 24.6 | 47.8 | 48.1 | 40.0 | 38.8 | 39.3 | 33.4 | 23.4 |
| September | 48.6 | 81.6 | 42.5 | 24.8 | 49.1 | 49.1 | 41.6 | 41.8 | 41.7 | 33.4 | 28.1 |
| October | 46.1 | 82.9 | 43.4 | 25.1 | 47.9 | 48.2 | 41.0 | 40.9 | 41.0 | 32.3 | 27.6 |
| November | 47.1 | 81.7 | 43.7 | 24.3 | 51.3 | 50.6 | 42.4 | 41.9 | 42.1 | 35.9 | 27.4 |
| December | 47.4 | 81.4 | 45.2 | 23.6 | 53.4 | 51.4 | 44.2 | 43.4 | 43.9 | 39.6 | 30.4 |
| **1986 Average** | **53.1** | **91.2** | **49.5** | **29.0** | **60.6** | **57.9** | **48.6** | **45.2** | **47.0** | **40.9** | **30.5** |
| **1987** | | | | | | | | | | | |
| January | 53.3 | 82.9 | 49.0 | 25.0 | 59.2 | 57.0 | 50.6 | 49.5 | 50.2 | 46.1 | 37.4 |
| February | 55.1 | 84.9 | 49.7 | 24.4 | 56.6 | 54.8 | 49.3 | 49.6 | 49.4 | 44.9 | 37.1 |
| March | 56.3 | 83.6 | 49.1 | 23.6 | 54.2 | 53.9 | 49.0 | 48.7 | 48.9 | 43.0 | 35.8 |
| April | 57.8 | 84.1 | 50.2 | 24.4 | 55.6 | 54.9 | 49.4 | 49.7 | 49.6 | 44.1 | 37.1 |
| May | 59.5 | 85.2 | 51.6 | 24.0 | 55.6 | 57.2 | 51.5 | 52.1 | 51.8 | 45.2 | 39.6 |
| June | 60.8 | 86.9 | 52.7 | 23.6 | 55.4 | 58.6 | 52.6 | 53.1 | 52.8 | 45.6 | 42.0 |
| July | 62.5 | 86.6 | 55.3 | 24.4 | 57.0 | 60.2 | 54.9 | 55.1 | 55.0 | 47.5 | 43.4 |
| August | 63.6 | 86.9 | 57.0 | 25.6 | 59.0 | 62.3 | 55.1 | 57.1 | 56.2 | 51.2 | 42.9 |
| September | 60.6 | 86.8 | 55.9 | 26.1 | 58.6 | 61.8 | 53.3 | 56.0 | 54.7 | 48.4 | 39.1 |
| October | 60.5 | 86.9 | 58.0 | 26.8 | 62.7 | 65.9 | 56.7 | 58.1 | 57.4 | 49.2 | 38.8 |
| November | 59.9 | 87.2 | 58.6 | 27.1 | 63.5 | 66.5 | 57.0 | 57.9 | 57.4 | 49.6 | 37.5 |
| December | 55.3 | 86.3 | 55.6 | 26.0 | 60.7 | 60.6 | 54.2 | 53.8 | 54.1 | 46.6 | 33.9 |
| **1987 Average** | **58.9** | **85.9** | **53.8** | **25.2** | **59.2** | **59.9** | **52.7** | **53.4** | **53.1** | **46.2** | **38.5** |
| **1988** | | | | | | | | | | | |
| January | 53.4 | 85.9 | 53.2 | 26.8 | 59.2 | 57.7 | 52.0 | 51.0 | 51.6 | 47.6 | 32.4 |
| February | 53.8 | 84.2 | 52.4 | 26.6 | 57.1 | 54.5 | 48.9 | 49.0 | 48.9 | 45.9 | 32.2 |
| March | 53.9 | 84.2 | 50.4 | 25.6 | 54.3 | 54.7 | 47.6 | 49.2 | 48.4 | 45.4 | 28.6 |
| April | 58.6 | 84.2 | 50.4 | 25.2 | 54.2 | 59.4 | 50.7 | 51.9 | 51.3 | 44.0 | 30.2 |
| May | 59.9 | 85.0 | 51.4 | 24.9 | 53.3 | 58.0 | 50.1 | 51.3 | 50.8 | 45.7 | 31.5 |
| June | 59.3 | 85.1 | 51.0 | 24.3 | 50.0 | 54.0 | 46.6 | 47.9 | 47.3 | 41.6 | 31.0 |
| July | 62.4 | 86.1 | 47.5 | 21.8 | 48.3 | 51.0 | 43.3 | 44.0 | 43.7 | 39.5 | 29.5 |
| August | 61.4 | 86.7 | 47.9 | 22.1 | 48.9 | 51.6 | 44.3 | 45.0 | 44.7 | 40.8 | 30.6 |
| September | 58.0 | 85.7 | 46.9 | 22.5 | 49.8 | 51.8 | 43.3 | 44.7 | 44.0 | 42.1 | 29.5 |
| October | 57.3 | 83.8 | 45.2 | 22.1 | 49.4 | 50.6 | 41.9 | 42.0 | 42.0 | 31.4 | 25.6 |
| November | 58.1 | 83.5 | 46.4 | 22.1 | 52.8 | 53.5 | 45.1 | 44.6 | 44.8 | 38.5 | 28.0 |
| December | 54.9 | 83.7 | 50.1 | 22.9 | 57.8 | 56.5 | 49.9 | 48.0 | 49.0 | 41.7 | 29.8 |
| **1988 Average** | **57.7** | **85.0** | **49.5** | **24.0** | **54.9** | **54.9** | **47.3** | **47.3** | **47.3** | **42.5** | **30.0** |

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

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

**Figure 4. Refiner Wholesale Product Prices**



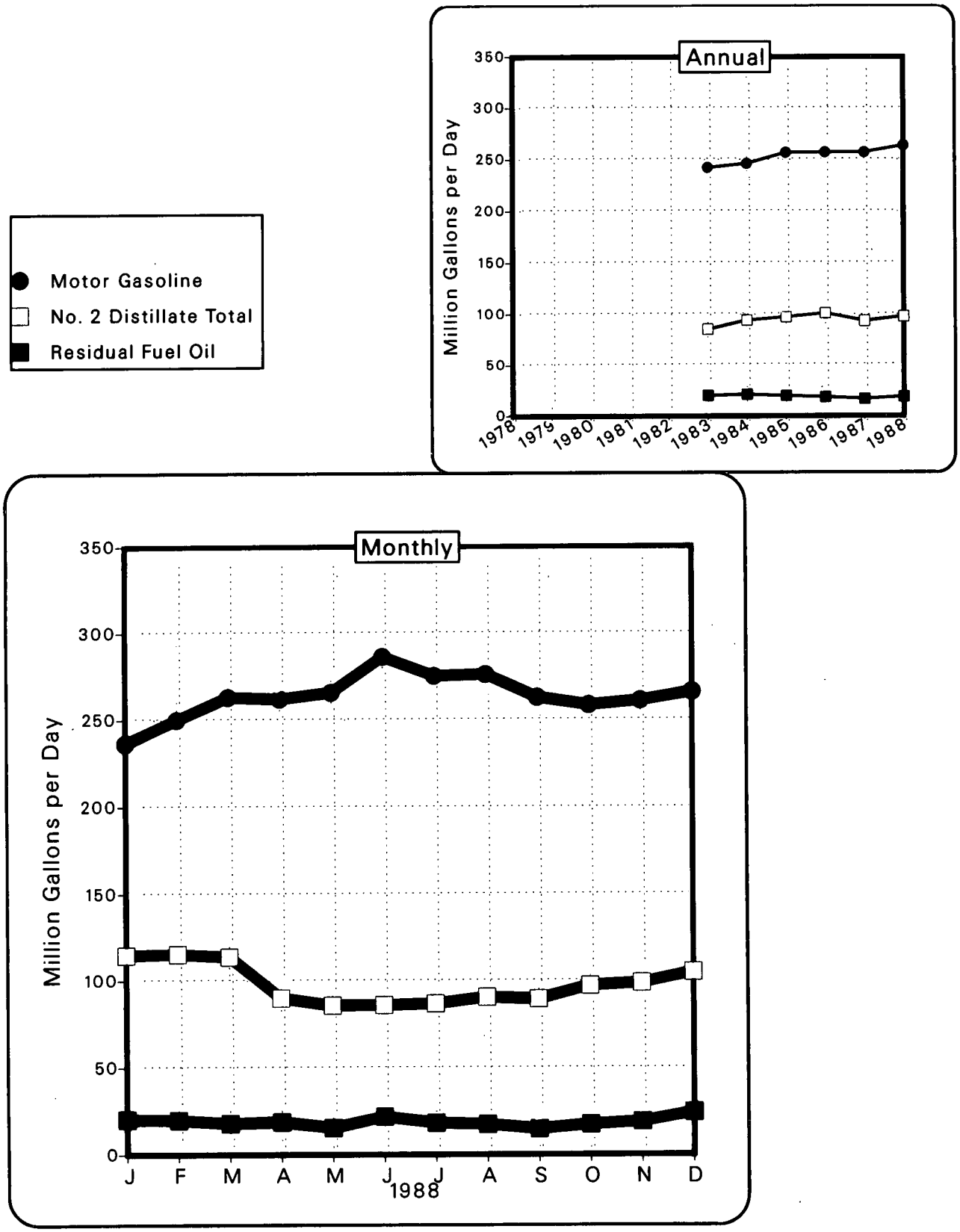

Source: Energy Information Administration, "Petroleum Marketing Annual," Table 4.

# Table 5. 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 Fuel Oil | No. 2 Diesel Fuel | Total | | |
| **1983 Average** | **242.5** | **0.7** | **5.4** | **26.0** | **2.5** | **2.4** | **47.3** | **38.1** | **85.5** | **0.9** | **20.2** |
| **1984 Average** | **246.3** | **.8** | **6.6** | **26.7** | **2.2** | **2.6** | **51.4** | **42.8** | **94.2** | **1.7** | **21.3** |
| **1985 Average** | **256.9** | **.7** | **7.6** | **29.2** | **2.4** | **2.7** | **53.9** | **43.3** | **97.3** | **1.2** | **19.9** |
| **1986** | | | | | | | | | | | |
| January | 233.6 | .6 | 8.3 | 36.9 | 5.7 | 5.1 | 79.6 | 42.1 | 121.7 | 1.7 | 20.4 |
| February | 234.0 | .5 | 9.0 | 31.8 | 4.8 | 4.3 | 82.8 | 43.6 | 126.4 | 1.5 | 19.5 |
| March | 248.7 | .6 | 8.8 | 26.1 | 2.6 | 2.2 | 65.4 | 46.6 | 112.0 | 1.1 | 20.6 |
| April | 263.8 | .8 | 8.9 | 23.6 | 1.2 | .9 | 50.3 | 45.1 | 95.4 | .9 | 20.2 |
| May | 272.8 | .8 | 8.5 | 24.0 | .7 | .7 | 45.1 | 47.8 | 92.9 | 1.3 | 18.8 |
| June | 264.7 | 1.0 | 8.6 | 19.7 | .4 | .8 | 38.9 | 47.1 | 86.0 | 1.0 | 19.4 |
| July | 269.9 | 1.0 | 9.8 | 22.0 | .5 | .9 | 39.3 | 49.2 | 88.5 | 1.0 | 16.2 |
| August | 270.0 | 1.0 | 9.3 | 22.6 | 1.3 | 1.4 | 42.2 | 49.6 | 91.9 | .7 | 16.8 |
| September | 252.5 | .8 | 9.0 | 25.9 | 1.9 | 1.5 | 42.4 | 46.7 | 89.1 | 1.2 | 16.6 |
| October | 264.8 | .7 | 9.3 | 26.0 | 2.5 | 2.7 | 50.7 | 49.2 | 99.9 | 1.1 | 14.0 |
| November | 245.5 | .6 | 9.0 | 27.4 | 3.2 | 5.0 | 50.4 | 43.9 | 94.3 | 1.3 | 18.8 |
| December | 264.3 | .6 | 12.1 | 31.1 | 4.4 | 5.3 | 62.4 | 47.5 | 109.9 | 1.6 | 23.2 |
| **1986 Average** | **257.2** | **.7** | **10.1** | **26.3** | **2.4** | **2.4** | **54.5** | **46.6** | **101.1** | **1.2** | **18.7** |
| **1987** | | | | | | | | | | | |
| January | 233.0 | .5 | 9.4 | 35.1 | 5.3 | 4.4 | 62.3 | 40.6 | 102.9 | 2.7 | 19.7 |
| February | 236.8 | .6 | 9.0 | 31.1 | 3.9 | 3.0 | 58.6 | 40.8 | 99.4 | 2.1 | 18.2 |
| March | 252.9 | .7 | 9.6 | 27.9 | 2.2 | 1.7 | 57.0 | 46.0 | 103.0 | 2.3 | 15.1 |
| April | 261.1 | .8 | 8.2 | 24.6 | 1.0 | .9 | 46.2 | 47.5 | 93.7 | 1.5 | 14.6 |
| May | 261.7 | .8 | 10.1 | 18.1 | .5 | .5 | 40.2 | 41.9 | 82.2 | 1.2 | 14.1 |
| June | 272.1 | .9 | 8.5 | 21.2 | .6 | .5 | 38.7 | 47.1 | 85.8 | 1.8 | 15.4 |
| July | 277.8 | .9 | 8.5 | 22.4 | .8 | .8 | 38.6 | 45.6 | 84.2 | .7 | 15.7 |
| August | 258.9 | 1.0 | 10.8 | 22.8 | 1.0 | .7 | 35.6 | 42.2 | 77.9 | .9 | 16.2 |
| September | 259.8 | .9 | 12.8 | 26.6 | 1.7 | 1.4 | 43.4 | 47.0 | 90.4 | 1.0 | 16.7 |
| October | 263.3 | .8 | 11.5 | 30.8 | 3.5 | 2.8 | 53.1 | 48.6 | 101.8 | 1.0 | 17.4 |
| November | 248.2 | .6 | 9.6 | 27.3 | 3.0 | 3.0 | 54.5 | 40.4 | 95.0 | 1.3 | 16.7 |
| December | 259.2 | .6 | 13.3 | 36.3 | 4.4 | 4.5 | 64.1 | 43.3 | 107.4 | 1.8 | 22.6 |
| **1987 Average** | **257.2** | **.8** | **10.1** | **27.0** | **2.3** | **2.0** | **49.3** | **44.3** | **93.6** | **1.5** | **16.9** |
| **1988** | | | | | | | | | | | |
| January | 236.4 | .5 | 11.7 | 37.4 | 6.5 | 6.4 | 68.3 | 46.5 | 114.8 | 2.0 | 20.4 |
| February | 250.1 | .6 | 10.4 | 34.2 | 4.6 | 5.0 | 67.1 | 48.4 | 115.5 | 1.9 | 20.0 |
| March | 263.1 | .7 | 10.7 | 28.5 | 2.6 | 2.2 | 60.9 | 53.0 | 113.9 | 1.6 | 18.1 |
| April | 262.1 | .7 | 9.7 | 21.3 | 1.3 | .8 | 45.1 | 45.1 | 90.1 | 1.4 | 18.9 |
| May | 265.7 | .8 | 9.3 | 20.7 | .6 | .6 | 40.7 | 45.2 | 85.8 | 1.0 | 15.6 |
| June | 286.5 | .9 | 10.1 | 21.5 | .8 | .6 | 37.1 | 49.0 | 86.1 | .8 | 22.0 |
| July | 275.3 | 1.0 | 11.3 | 21.8 | 1.0 | .7 | 40.3 | 46.5 | 86.9 | .9 | 18.4 |
| August | 276.2 | 1.0 | 9.3 | 25.0 | 1.2 | .8 | 41.6 | 49.0 | 90.6 | .7 | 17.6 |
| September | 262.9 | .8 | 10.6 | 27.5 | 1.9 | 1.8 | 42.9 | 46.7 | 89.6 | 1.0 | 15.0 |
| October | 258.6 | .7 | 9.1 | 28.9 | 3.2 | 2.9 | 47.2 | 50.0 | 97.3 | 1.4 | 17.6 |
| November | 261.2 | .6 | 8.5 | 28.4 | 3.6 | 4.2 | 51.1 | 47.8 | 98.9 | .9 | 19.2 |
| December | 266.1 | .5 | 8.8 | 37.0 | 5.6 | 5.6 | 59.0 | 46.1 | 105.0 | 1.4 | 24.5 |
| **1988 Average** | **263.7** | **.7** | **10.0** | **27.7** | **2.7** | **2.6** | **50.1** | **47.8** | **97.9** | **1.2** | **18.9** |

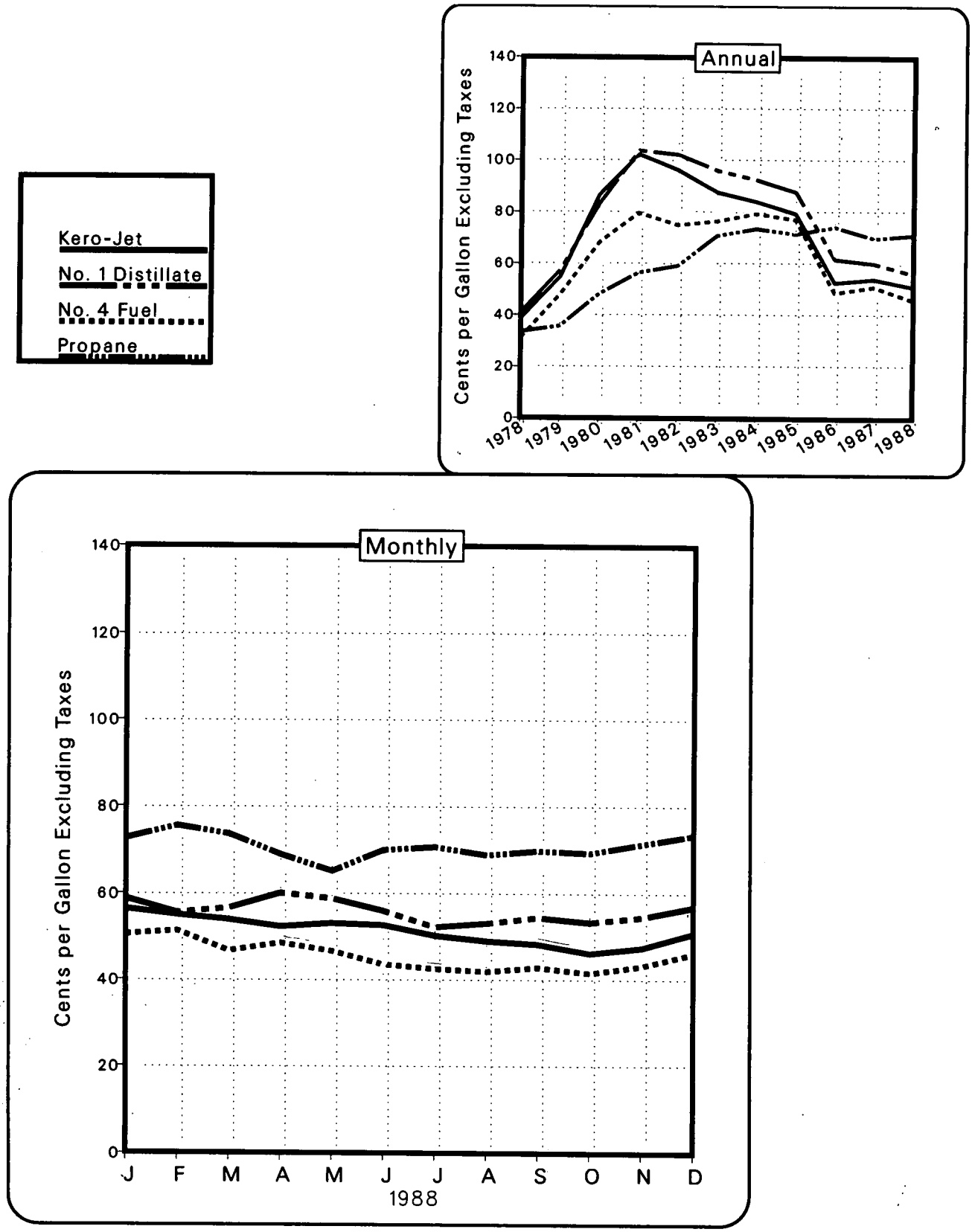
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.
Note: Totals or averages may not equal the sum of components due to rounding.
Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Figure 5. Refiner Wholesale Product Volumes**



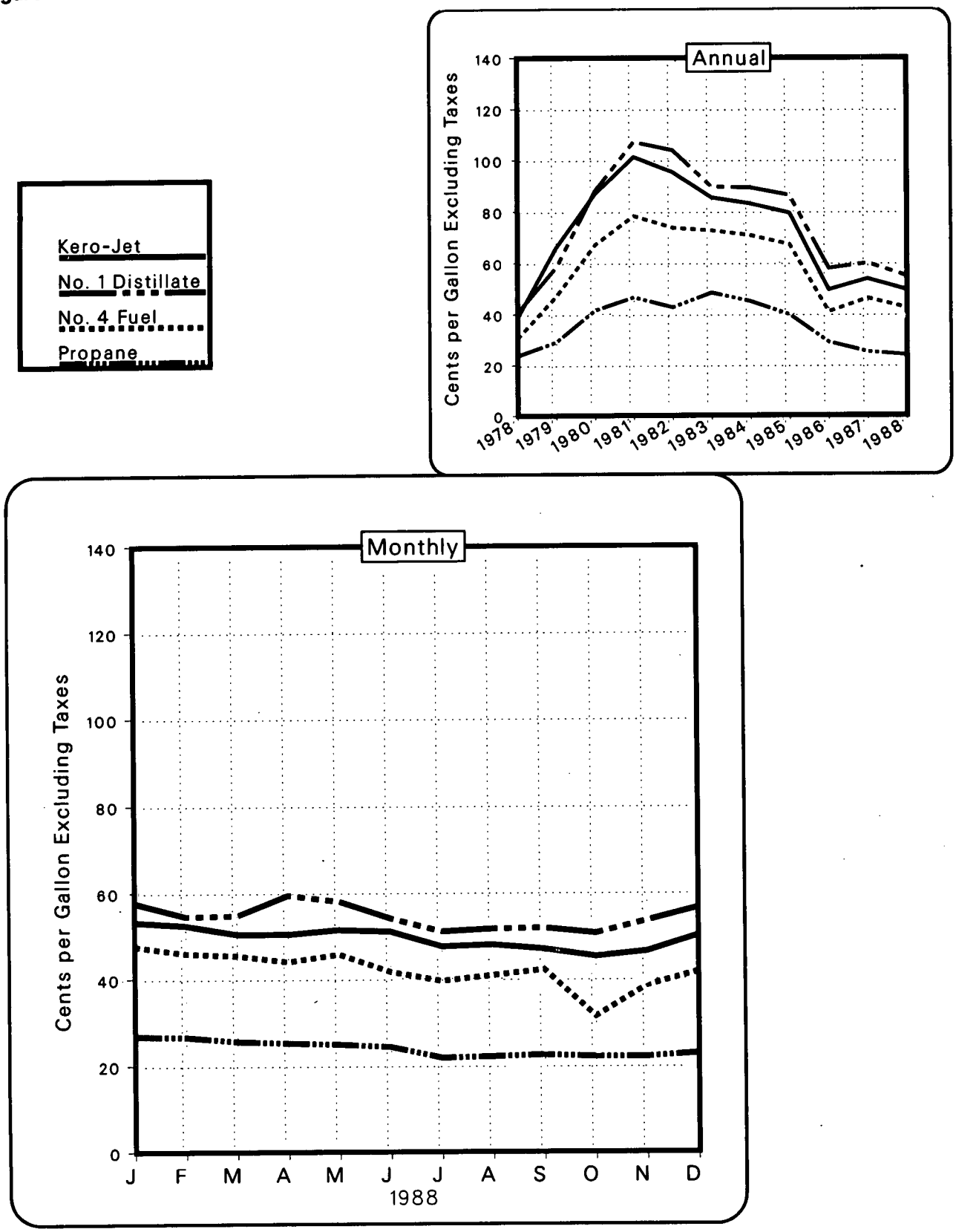

Source: Energy Information Administration, "Petroleum Marketing Annual," Table 5.

**Figure 6. Refiner Retail Prices of Selected Products**




Source: Energy Information Administration, "Petroleum Marketing Annual," Table 2.

**Figure 7. Refiner Wholesale Price of Selected Products**




Source: Energy Information Administration, "Petroleum Marketing Annual," Table 4.

# Table 6. Refiner Total Motor Gasoline Prices, Volumes, and Percentages by Seller Type

| Sales Type Month | Major Refiners | | | Other Refiners | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Average Price (cents per gallon) | Volume (million gallons) | Percentage (by sales type) | Average Price (cents per gallon) | Volume (million gallons) | Percentage (by sales type) | Average Price (cents per gallon) | Volume (million gallons) | Percentage (by sales type) |
| **All Sales** | | | | | | | | | |
| January | 57.2 | 6,913 | 100.0 | 50.8 | 2,184 | 100.0 | 55.7 | 9,098 | 100.0 |
| February | 57.0 | 6,812 | 100.0 | 51.2 | 2,177 | 100.0 | 55.6 | 8,989 | 100.0 |
| March | 56.9 | 7,578 | 100.0 | 51.5 | 2,486 | 100.0 | 55.5 | 10,064 | 100.0 |
| April | 61.2 | 7,307 | 100.0 | 56.4 | 2,403 | 100.0 | 60.0 | 9,709 | 100.0 |
| May | 62.8 | 7,602 | 100.0 | 57.5 | 2,516 | 100.0 | 61.5 | 10,118 | 100.0 |
| June | 62.3 | 7,836 | 100.0 | 57.0 | 2,646 | 100.0 | 60.9 | 10,483 | 100.0 |
| July | 65.1 | 7,768 | 100.0 | 60.0 | 2,683 | 100.0 | 63.8 | 10,451 | 100.0 |
| August | 64.7 | 7,923 | 100.0 | 59.1 | 2,576 | 100.0 | 63.3 | 10,498 | 100.0 |
| September | 61.9 | 7,306 | 100.0 | 55.4 | 2,413 | 100.0 | 60.3 | 9,719 | 100.0 |
| October | 61.0 | 7,404 | 100.0 | 54.3 | 2,483 | 100.0 | 59.3 | 9,887 | 100.0 |
| November | 61.6 | 7,130 | 100.0 | 55.0 | 2,500 | 100.0 | 59.9 | 9,630 | 100.0 |
| December | 58.8 | 7,554 | 100.0 | 51.9 | 2,650 | 100.0 | 57.1 | 10,204 | 100.0 |
| **1988 Average** | 60.9 | 7,428 | 100.0 | 55.1 | 2,476 | 100.0 | 59.5 | 9,904 | 100.0 |
| **Sales to End Users** | | | | | | | | | |
| January | 66.1 | 1,270 | 18.4 | 61.8 | 499 | 22.8 | 64.9 | 1,768 | 19.4 |
| February | 64.5 | 1,239 | 18.2 | 60.2 | 498 | 22.9 | 63.3 | 1,737 | 19.3 |
| March | 63.6 | 1,371 | 18.1 | 59.6 | 538 | 21.7 | 62.5 | 1,909 | 19.0 |
| April | 67.1 | 1,310 | 17.9 | 63.4 | 538 | 22.4 | 66.0 | 1,848 | 19.0 |
| May | 69.4 | 1,362 | 17.9 | 65.9 | 520 | 20.7 | 68.4 | 1,882 | 18.6 |
| June | 69.2 | 1,356 | 17.3 | 65.4 | 530 | 20.0 | 68.1 | 1,887 | 18.0 |
| July | 71.1 | 1,365 | 17.6 | 66.8 | 553 | 20.6 | 69.9 | 1,918 | 18.4 |
| August | 73.0 | 1,390 | 17.5 | 68.9 | 546 | 21.2 | 71.8 | 1,936 | 18.4 |
| September | 71.3 | 1,306 | 17.9 | 66.8 | 525 | 21.7 | 70.0 | 1,831 | 18.8 |
| October | 69.5 | 1,338 | 18.1 | 64.4 | 534 | 21.5 | 68.0 | 1,872 | 18.9 |
| November | 69.0 | 1,283 | 18.0 | 64.2 | 511 | 20.4 | 67.6 | 1,793 | 18.6 |
| December | 67.5 | 1,395 | 18.5 | 62.6 | 561 | 21.2 | 66.1 | 1,956 | 19.2 |
| **1988 Average** | 68.5 | 1,332 | 17.9 | 64.2 | 529 | 21.4 | 67.3 | 1,861 | 18.8 |
| **Through Company Outlets** | | | | | | | | | |
| January | 67.0 | 1,183 | 17.1 | 62.9 | 458 | 21.0 | 65.9 | 1,641 | 18.0 |
| February | 65.3 | 1,153 | 16.9 | 61.2 | 453 | 20.8 | 64.1 | 1,606 | 17.9 |
| March | 64.4 | 1,270 | 16.8 | 60.4 | 490 | 19.7 | 63.2 | 1,761 | 17.5 |
| April | 67.8 | 1,220 | 16.7 | 64.2 | 483 | 20.1 | 66.8 | 1,703 | 17.5 |
| May | 70.1 | 1,266 | 16.7 | 66.5 | 484 | 19.2 | 69.1 | 1,750 | 17.3 |
| June | 69.8 | 1,270 | 16.2 | 66.0 | 490 | 18.5 | 68.7 | 1,760 | 16.8 |
| July | 71.6 | 1,290 | 16.6 | 67.6 | 500 | 18.6 | 70.5 | 1,790 | 17.1 |
| August | 73.6 | 1,309 | 16.5 | 69.8 | 497 | 19.3 | 72.6 | 1,806 | 17.2 |
| September | 72.1 | 1,226 | 16.8 | 67.9 | 477 | 19.8 | 71.0 | 1,703 | 17.5 |
| October | 70.2 | 1,258 | 17.0 | 66.0 | 477 | 19.2 | 69.1 | 1,735 | 17.5 |
| November | 69.6 | 1,206 | 16.9 | 65.7 | 457 | 18.3 | 68.5 | 1,663 | 17.3 |
| December | 68.2 | 1,316 | 17.4 | 64.0 | 506 | 19.1 | 67.1 | 1,822 | 17.9 |
| **1988 Average** | 69.2 | 1,247 | 16.8 | 65.2 | 481 | 19.4 | 68.1 | 1,728 | 17.5 |
| **Other End Users** | | | | | | | | | |
| January | 52.9 | 87 | 1.3 | 49.8 | 41 | 1.9 | 51.9 | 128 | 1.4 |
| February | 54.5 | 87 | 1.3 | 50.1 | 44 | 2.0 | 53.0 | 131 | 1.5 |
| March | 53.9 | 100 | 1.3 | 51.4 | 48 | 1.9 | 53.1 | 148 | 1.5 |
| April | 58.1 | 90 | 1.2 | 56.2 | 54 | 2.3 | 57.4 | 144 | 1.5 |
| May | 60.0 | 96 | 1.3 | 58.3 | 35 | 1.4 | 59.5 | 132 | 1.3 |
| June | 59.9 | 86 | 1.1 | 58.0 | 40 | 1.5 | 59.3 | 126 | 1.2 |
| July | 62.4 | 75 | 1.0 | 58.6 | 53 | 2.0 | 60.8 | 128 | 1.2 |
| August | 62.5 | 81 | 1.0 | 59.7 | 49 | 1.9 | 61.5 | 130 | 1.2 |
| September | 58.6 | 80 | 1.1 | 54.9 | 48 | 2.0 | 57.2 | 128 | 1.3 |
| October | 57.1 | 80 | 1.1 | 51.3 | 57 | 2.3 | 54.7 | 137 | 1.4 |
| November | 59.1 | 77 | 1.1 | 52.0 | 53 | 2.1 | 56.1 | 130 | 1.4 |
| December | 55.5 | 79 | 1.0 | 49.8 | 55 | 2.1 | 53.2 | 134 | 1.3 |
| **1988 Average** | 57.8 | 85 | 1.1 | 54.1 | 48 | 1.9 | 56.4 | 133 | 1.3 |

See footnotes at end of table.

## Table 6. Refiner Total Motor Gasoline Prices, Volumes, and Percentages by Seller Type—Continued

| Sales Type Month | Major Refiners | | | Other Refiners | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Average Price (cents per gallon) | Volume (million gallons) | Percentage (by sales type) | Average Price (cents per gallon) | Volume (million gallons) | Percentage (by sales type) | Average Price (cents per gallon) | Volume (million gallons) | Percentage (by sales type) |
| **Sales for Resale** | | | | | | | | | |
| January | 55.2 | 5,644 | 81.6 | 47.5 | 1,686 | 77.2 | 53.4 | 7,329 | 80.6 |
| February | 55.4 | 5,572 | 81.8 | 48.5 | 1,679 | 77.1 | 53.8 | 7,252 | 80.7 |
| March | 55.4 | 6,208 | 81.9 | 49.2 | 1,948 | 78.3 | 53.9 | 8,155 | 81.0 |
| April | 59.9 | 5,997 | 82.1 | 54.3 | 1,865 | 77.6 | 58.6 | 7,862 | 81.0 |
| May | 61.3 | 6,240 | 82.1 | 55.4 | 1,996 | 79.3 | 59.9 | 8,236 | 81.4 |
| June | 60.8 | 6,480 | 82.7 | 54.8 | 2,116 | 80.0 | 59.3 | 8,596 | 82.0 |
| July | 63.8 | 6,403 | 82.4 | 58.2 | 2,130 | 79.4 | 62.4 | 8,533 | 81.6 |
| August | 62.9 | 6,532 | 82.5 | 56.5 | 2,030 | 78.8 | 61.4 | 8,562 | 81.6 |
| September | 59.8 | 6,000 | 82.1 | 52.3 | 1,888 | 78.3 | 58.0 | 7,888 | 81.2 |
| October | 59.2 | 6,066 | 81.9 | 51.5 | 1,949 | 78.5 | 57.3 | 8,015 | 81.1 |
| November | 60.0 | 5,847 | 82.0 | 52.6 | 1,990 | 79.6 | 58.1 | 7,837 | 81.4 |
| December | 56.9 | 6,158 | 81.5 | 49.1 | 2,090 | 78.8 | 54.9 | 8,248 | 80.8 |
| **1988 Average** | 59.3 | 6,096 | 82.1 | 52.7 | 1,947 | 78.6 | 57.7 | 8,043 | 81.2 |

Note: Values shown represent the percentage of major refiners (100 percent) or other refiners and gas plant operators (100 percent) sales by sales type. The sum of sales to end users and sales for resale is 100 percent for each seller type.

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

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

# Table 7. Refiner Motor Gasoline Prices by Grade and Sales Type
(Cents per Gallon Excluding Taxes)

| Year Month | Leaded Regular | | | Unleaded Regular | | | Premium | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets | Other End Users | | Through Company Outlets | Other End Users | | Through Company Outlets | Other End Users | |
| **1984 Average** | **85.1** | **82.8** | **79.5** | **92.2** | **86.5** | **84.2** | **102.1** | **93.7** | **91.6** |
| **1985 Average** | **84.6** | **82.0** | **79.3** | **92.5** | **86.1** | **84.3** | **103.0** | **92.8** | **92.2** |
| **1986** | | | | | | | | | |
| January | 83.6 | 78.4 | 72.4 | 90.6 | 80.6 | 76.5 | 103.9 | 89.1 | 86.4 |
| February | 75.1 | 66.9 | 60.3 | 81.9 | 70.0 | 64.8 | 96.9 | 81.0 | 76.3 |
| March | 60.1 | 52.3 | 48.2 | 66.3 | 55.3 | 51.9 | 82.5 | 66.4 | 62.7 |
| April | 54.0 | 52.3 | 49.2 | 59.3 | 52.8 | 51.1 | 73.2 | 61.1 | 59.7 |
| May | 58.9 | 58.1 | 55.2 | 64.1 | 58.7 | 57.4 | 76.0 | 66.0 | 65.5 |
| June | 60.5 | 56.2 | 51.3 | 65.4 | 56.5 | 53.8 | 77.3 | 64.4 | 62.7 |
| July | 53.7 | 46.4 | 42.5 | 58.3 | 47.0 | 44.8 | 71.5 | 55.2 | 54.1 |
| August | 50.6 | 47.1 | 45.1 | 55.3 | 47.0 | 46.9 | 68.3 | 53.8 | 55.5 |
| September | 51.5 | 48.4 | 45.8 | 55.8 | 47.9 | 47.4 | 68.8 | 54.0 | 56.5 |
| October | 48.4 | 45.3 | 43.5 | 52.6 | 45.3 | 44.7 | 65.8 | 52.8 | 53.8 |
| November | 48.3 | 45.8 | 44.6 | 52.3 | 45.8 | 45.6 | 65.6 | 53.8 | 54.7 |
| December | 49.1 | 46.4 | 44.7 | 53.3 | 46.6 | 45.8 | 66.6 | 54.9 | 55.1 |
| **1986 Average** | **57.8** | **54.4** | **50.1** | **62.4** | **54.9** | **52.2** | **74.8** | **63.0** | **61.0** |
| **1987** | | | | | | | | | |
| January | 54.8 | 52.1 | 51.0 | 58.9 | 51.9 | 51.5 | 71.5 | 60.6 | 60.8 |
| February | 57.8 | 53.2 | 52.6 | 61.4 | 53.3 | 53.3 | 74.6 | 62.1 | 63.1 |
| March | 58.7 | 53.9 | 53.9 | 62.3 | 52.9 | 54.4 | 75.3 | 63.7 | 64.5 |
| April | 60.5 | 57.0 | 55.6 | 64.0 | 55.9 | 55.9 | 77.1 | 65.3 | 66.0 |
| May | 61.7 | 58.7 | 57.3 | 65.3 | 57.5 | 57.5 | 78.0 | 66.9 | 67.5 |
| June | 63.7 | 60.1 | 58.7 | 67.0 | 57.0 | 58.8 | 79.4 | 66.5 | 68.9 |
| July | 65.4 | 60.5 | 60.5 | 68.7 | 59.8 | 60.6 | 80.8 | 68.9 | 70.6 |
| August | 67.3 | 60.9 | 61.3 | 70.7 | 60.4 | 61.6 | 83.3 | 70.1 | 71.7 |
| September | 66.3 | 60.2 | 58.3 | 69.4 | 59.1 | 58.4 | 82.5 | 65.6 | 69.2 |
| October | 65.3 | 60.8 | 58.3 | 68.2 | 58.8 | 58.3 | 81.8 | 67.2 | 68.7 |
| November | 65.0 | 58.1 | 57.4 | 67.9 | 57.9 | 57.6 | 81.7 | 65.3 | 68.3 |
| December | 63.0 | 56.1 | 51.9 | 65.6 | 54.2 | 53.0 | 79.7 | 63.6 | 64.3 |
| **1987 Average** | **62.3** | **57.4** | **56.5** | **65.9** | **56.4** | **56.9** | **79.0** | **65.4** | **67.1** |
| **1988** | | | | | | | | | |
| January | 60.4 | 51.1 | 50.1 | 62.8 | 50.9 | 50.9 | 77.4 | 60.2 | 62.6 |
| February | 58.6 | 51.9 | 50.6 | 61.2 | 51.8 | 51.3 | 75.7 | 61.6 | 62.6 |
| March | 57.8 | 52.2 | 51.1 | 60.3 | 51.9 | 51.5 | 74.8 | 59.7 | 62.3 |
| April | 61.5 | 57.9 | 56.2 | 63.9 | 55.9 | 56.0 | 77.8 | 65.0 | 66.8 |
| May | 63.8 | 59.2 | 57.3 | 66.3 | 58.2 | 57.3 | 79.9 | 67.2 | 68.5 |
| June | 63.4 | 58.7 | 56.7 | 65.6 | 57.8 | 56.5 | 79.8 | 68.1 | 68.4 |
| July | 65.0 | 61.1 | 60.3 | 67.3 | 59.1 | 59.3 | 81.5 | 69.6 | 71.7 |
| August | 67.2 | 62.1 | 59.2 | 69.5 | 59.8 | 58.2 | 83.6 | 69.0 | 70.9 |
| September | 65.6 | 57.8 | 55.2 | 67.6 | 55.4 | 54.8 | 82.3 | 66.0 | 68.1 |
| October | 63.6 | 53.6 | 54.0 | 65.5 | 53.0 | 54.0 | 80.6 | 63.8 | 68.0 |
| November | 62.6 | 54.1 | 54.4 | 65.1 | 54.3 | 54.8 | 80.1 | 66.3 | 68.8 |
| December | 61.1 | 50.0 | 50.6 | 63.3 | 51.6 | 51.5 | 78.8 | 62.8 | 65.8 |
| **1988 Average** | **62.4** | **55.5** | **54.8** | **64.9** | **55.0** | **54.8** | **79.4** | **64.9** | **67.2** |

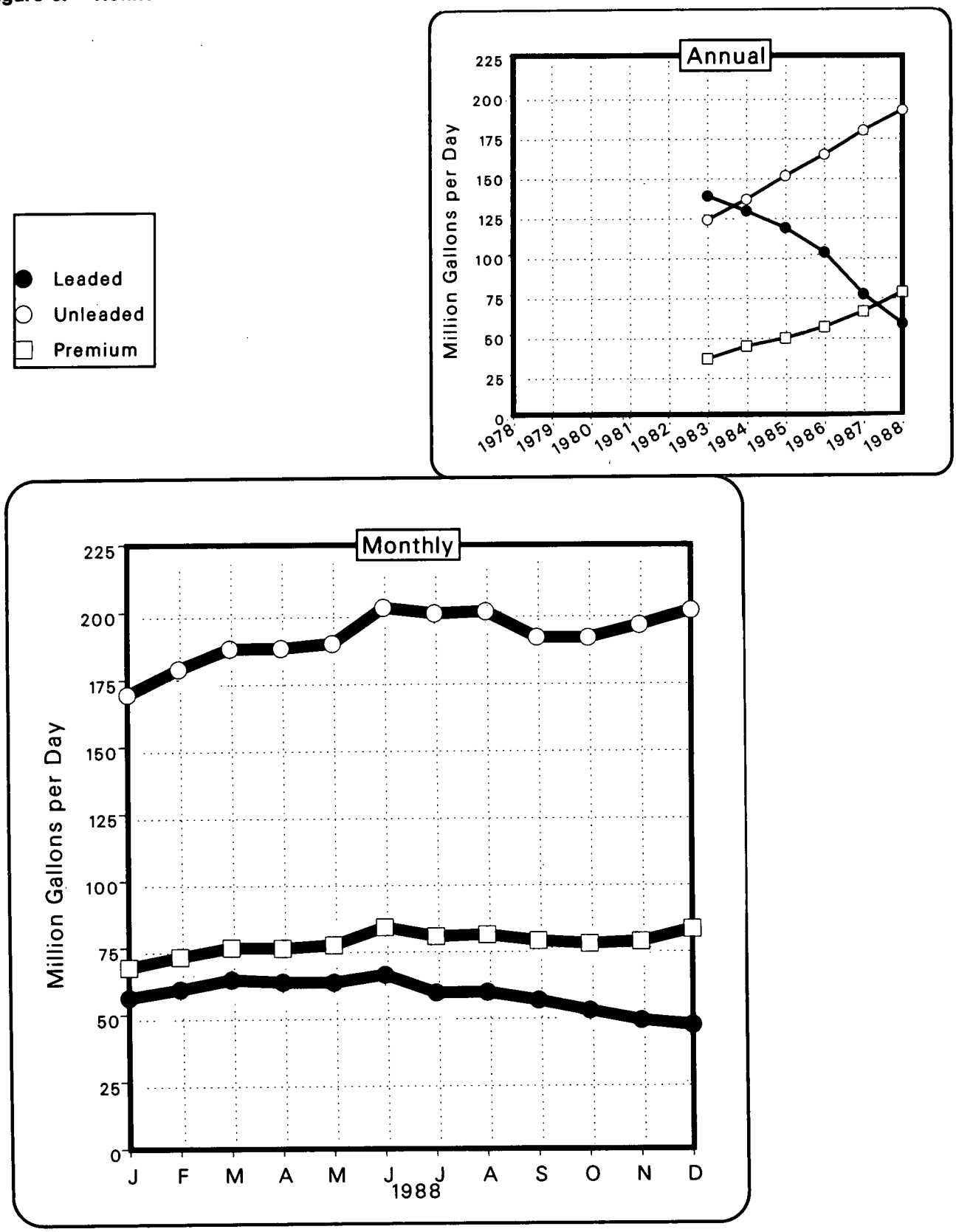
Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

## Table 8. Refiner Motor Gasoline Volumes by Grade and Sales Type
(Million Gallons per Day)

| Year Month | Leaded Regular | | | Unleaded Regular | | | Premium | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets | Other End Users | | Through Company Outlets | Other End Users | | Through Company Outlets | Other End Users | |
| **1984 Average** | **17.5** | **3.1** | **105.8** | **24.3** | **3.5** | **106.8** | **8.5** | **0.7** | **33.7** |
| **1985 Average** | **15.0** | **2.7** | **99.2** | **26.2** | **3.6** | **119.7** | **9.2** | **.7** | **38.0** |
| **1986** | | | | | | | | | |
| January | 13.7 | 2.4 | 79.7 | 27.7 | 3.8 | 115.6 | 6.9 | .8 | 38.3 |
| February | 14.2 | 2.7 | 80.3 | 29.0 | 4.4 | 116.2 | 7.3 | 1.0 | 37.5 |
| March | 15.0 | 2.8 | 83.7 | 30.7 | 4.2 | 124.7 | 7.7 | 1.0 | 40.4 |
| April | 15.5 | 2.7 | 90.5 | 30.9 | 4.3 | 131.0 | 8.1 | 1.1 | 42.3 |
| May | 16.1 | 2.7 | 95.3 | 32.5 | 4.7 | 134.2 | 8.4 | 1.1 | 43.3 |
| June | 14.9 | 2.4 | 89.5 | 31.9 | 4.4 | 131.9 | 8.6 | 1.1 | 43.4 |
| July | 14.5 | 2.1 | 89.8 | 31.9 | 4.0 | 132.5 | 9.3 | 1.0 | 47.6 |
| August | 14.2 | 1.9 | 89.3 | 31.4 | 3.5 | 132.1 | 9.7 | .7 | 48.6 |
| September | 13.8 | 2.0 | 81.4 | 30.7 | 3.5 | 124.4 | 9.7 | .8 | 46.8 |
| October | 13.9 | 2.1 | 84.5 | 30.6 | 3.5 | 129.6 | 10.1 | .8 | 50.7 |
| November | 13.8 | 1.9 | 74.1 | 31.4 | 3.4 | 122.3 | 10.7 | .7 | 49.1 |
| December | 13.1 | 1.9 | 77.0 | 32.1 | 3.5 | 133.0 | 11.0 | .8 | 54.3 |
| **1986 Average** | **14.4** | **2.3** | **84.9** | **30.9** | **3.9** | **128.1** | **9.0** | **.9** | **45.0** |
| **1987** | | | | | | | | | |
| January | 12.1 | 1.5 | 64.2 | 29.8 | 2.7 | 121.3 | 9.9 | .4 | 47.5 |
| February | 12.3 | 1.8 | 61.2 | 31.7 | 4.0 | 127.9 | 10.2 | .7 | 47.6 |
| March | 12.4 | 2.0 | 65.2 | 32.0 | 4.7 | 137.8 | 10.1 | .5 | 50.0 |
| April | 12.9 | 1.4 | 66.8 | 32.8 | 3.4 | 142.6 | 10.7 | .5 | 51.8 |
| May | 12.7 | 1.4 | 67.1 | 32.8 | 3.3 | 141.5 | 11.1 | .5 | 53.1 |
| June | 12.7 | 1.5 | 68.5 | 33.8 | 4.5 | 149.2 | 11.4 | .6 | 54.4 |
| July | 12.0 | 1.4 | 67.1 | 33.9 | 3.1 | 156.2 | 11.4 | .5 | 54.6 |
| August | 11.7 | 1.4 | 61.0 | 34.3 | 3.3 | 144.7 | 11.4 | .5 | 53.2 |
| September | 11.1 | 1.3 | 61.4 | 32.3 | 3.1 | 145.4 | 11.0 | .5 | 53.0 |
| October | 11.0 | 1.1 | 60.3 | 33.1 | 3.0 | 146.3 | 11.9 | .5 | 56.8 |
| November | 10.3 | 1.3 | 52.1 | 32.3 | 2.8 | 141.4 | 11.7 | .5 | 54.7 |
| December | 10.2 | 1.0 | 53.1 | 34.0 | 3.0 | 147.1 | 13.1 | .5 | 59.0 |
| **1987 Average** | **11.8** | **1.4** | **62.3** | **32.7** | **3.4** | **141.9** | **11.2** | **.5** | **53.0** |
| **1988** | | | | | | | | | |
| January | 9.3 | 1.0 | 46.0 | 31.0 | 2.7 | 135.8 | 12.6 | .4 | 54.5 |
| February | 9.8 | .9 | 48.8 | 32.7 | 3.1 | 143.3 | 12.9 | .6 | 58.0 |
| March | 9.8 | .8 | 52.4 | 33.7 | 3.3 | 149.6 | 13.3 | .7 | 61.0 |
| April | 9.5 | .8 | 51.8 | 33.9 | 3.4 | 149.4 | 13.3 | .6 | 60.9 |
| May | 9.2 | .6 | 52.2 | 33.8 | 3.1 | 151.6 | 13.4 | .5 | 62.0 |
| June | 9.3 | .7 | 54.9 | 35.0 | 3.0 | 163.8 | 14.4 | .5 | 67.8 |
| July | 8.6 | .6 | 48.9 | 34.7 | 3.0 | 161.9 | 14.4 | .5 | 64.4 |
| August | 8.4 | .6 | 49.4 | 35.7 | 3.0 | 161.6 | 14.2 | .6 | 65.2 |
| September | 8.2 | .6 | 46.6 | 34.5 | 3.1 | 153.2 | 14.0 | .6 | 63.1 |
| October | 7.6 | .6 | 43.3 | 34.1 | 3.2 | 153.4 | 14.2 | .6 | 61.8 |
| November | 7.3 | .6 | 40.1 | 34.3 | 3.0 | 158.1 | 13.9 | .7 | 63.0 |
| December | 7.2 | .7 | 38.3 | 36.4 | 3.0 | 161.4 | 15.2 | .7 | 66.4 |
| **1988 Average** | **8.7** | **.7** | **47.7** | **34.2** | **3.1** | **153.6** | **13.8** | **.6** | **62.4** |

Note: Totals and averages may not equal the sum of components due to rounding.
Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Figure 8. Refiner Total Motor Gasoline Sales Volumes**




Source: Energy Information Administration, "Petroleum Marketing Annual," Table 8.

## Table 9. Refiner Total Motor Gasoline Prices by Seller Type
(Cents per Gallon Excluding Taxes)

| Year Month | Major Refiners | | | Other Refiners | | | Average | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets | Other End Users | | Through Company Outlets | Other End Users | | Through Company Outlets | Other End Users | |
| **1978 Average** | **49.4** | **46.2** | **43.8** | **48.2** | **45.8** | **42.1** | **48.9** | **46.1** | **43.4** |
| **1979 Average** | **72.8** | **68.0** | **64.3** | **71.0** | **67.5** | **61.8** | **72.1** | **67.9** | **63.7** |
| **1980 Average** | **105.6** | **98.7** | **95.1** | **103.0** | **97.8** | **91.3** | **104.6** | **98.5** | **94.1** |
| **1981 Average** | **117.0** | **109.4** | **107.5** | **114.2** | **108.4** | **103.2** | **115.9** | **109.2** | **106.4** |
| **1982 Average** | **108.2** | **101.1** | **98.3** | **105.6** | **100.2** | **94.3** | **107.2** | **100.9** | **97.3** |
| **1983 Average** | **97.0** | **90.6** | **89.0** | **95.2** | **89.7** | **85.6** | **96.4** | **90.5** | **88.2** |
| **1984 Average** | **92.0** | **85.7** | **84.2** | **90.0** | **84.9** | **80.2** | **91.4** | **85.6** | **83.2** |
| **1985 Average** | **93.0** | **85.7** | **84.7** | **89.8** | **83.5** | **79.9** | **92.1** | **85.2** | **83.5** |
| **1986** | | | | | | | | | |
| January | 91.7 | 81.3 | 78.5 | 88.0 | 79.8 | 71.0 | 90.5 | 80.8 | 76.7 |
| February | 83.6 | 71.2 | 67.3 | 78.7 | 68.5 | 58.2 | 82.1 | 70.3 | 65.1 |
| March | 68.0 | 57.2 | 54.1 | 64.2 | 53.1 | 46.9 | 66.9 | 55.7 | 52.4 |
| April | 60.7 | 54.6 | 52.9 | 58.1 | 52.1 | 48.1 | 59.9 | 53.8 | 51.8 |
| May | 65.1 | 60.3 | 59.1 | 62.6 | 57.7 | 54.3 | 64.4 | 59.5 | 57.9 |
| June | 66.7 | 58.8 | 55.9 | 64.1 | 55.0 | 49.9 | 65.9 | 57.5 | 54.4 |
| July | 60.1 | 49.3 | 47.2 | 57.3 | 45.9 | 40.8 | 59.3 | 48.0 | 45.7 |
| August | 57.3 | 49.7 | 49.0 | 54.0 | 45.5 | 44.0 | 56.3 | 47.8 | 47.9 |
| September | 57.9 | 50.0 | 49.8 | 55.1 | 47.2 | 44.6 | 57.1 | 48.8 | 48.6 |
| October | 54.8 | 47.4 | 47.1 | 52.1 | 44.7 | 42.8 | 54.0 | 46.2 | 46.1 |
| November | 54.7 | 48.5 | 48.1 | 51.7 | 45.0 | 43.8 | 53.9 | 46.8 | 47.1 |
| December | 56.0 | 49.2 | 48.5 | 52.4 | 45.5 | 43.9 | 54.9 | 47.6 | 47.4 |
| **1986 Average** | **64.1** | **57.6** | **54.4** | **61.2** | **52.7** | **48.7** | **63.2** | **55.8** | **53.1** |
| **1987** | | | | | | | | | |
| January | 61.3 | 53.6 | 54.2 | 58.0 | 51.1 | 50.0 | 60.4 | 52.8 | 53.3 |
| February | 63.9 | 56.7 | 56.3 | 61.0 | 51.6 | 51.1 | 63.1 | 54.2 | 55.1 |
| March | 64.8 | 55.8 | 57.5 | 61.5 | 51.5 | 52.2 | 63.9 | 53.9 | 56.3 |
| April | 66.6 | 58.3 | 59.1 | 63.3 | 55.1 | 53.8 | 65.7 | 57.1 | 57.8 |
| May | 68.0 | 59.7 | 60.7 | 64.5 | 56.9 | 55.7 | 67.0 | 58.7 | 59.5 |
| June | 69.7 | 61.0 | 61.8 | 66.1 | 55.9 | 57.5 | 68.7 | 58.5 | 60.8 |
| July | 71.3 | 62.5 | 63.4 | 68.0 | 58.3 | 59.4 | 70.4 | 60.9 | 62.5 |
| August | 73.3 | 63.6 | 64.7 | 70.2 | 58.7 | 60.0 | 72.5 | 61.4 | 63.6 |
| September | 72.2 | 61.1 | 61.8 | 69.4 | 58.3 | 56.5 | 71.4 | 60.0 | 60.6 |
| October | 71.4 | 61.2 | 61.7 | 68.2 | 58.4 | 56.8 | 70.5 | 60.2 | 60.5 |
| November | 71.2 | 61.3 | 61.2 | 67.9 | 55.9 | 55.4 | 70.3 | 58.8 | 59.9 |
| December | 69.5 | 56.9 | 57.0 | 65.5 | 53.0 | 49.7 | 68.4 | 55.6 | 55.3 |
| **1987 Average** | **68.7** | **59.2** | **60.1** | **65.3** | **55.2** | **55.0** | **67.8** | **57.5** | **58.9** |
| **1988** | | | | | | | | | |
| January | 67.0 | 52.9 | 55.2 | 62.9 | 49.8 | 47.5 | 65.9 | 51.9 | 53.4 |
| February | 65.3 | 54.5 | 55.4 | 61.2 | 50.1 | 48.5 | 64.1 | 53.0 | 53.8 |
| March | 64.4 | 53.9 | 55.4 | 60.4 | 51.4 | 49.2 | 63.2 | 53.1 | 53.9 |
| April | 67.8 | 58.1 | 59.9 | 64.2 | 56.2 | 54.3 | 66.8 | 57.4 | 58.6 |
| May | 70.1 | 60.0 | 61.3 | 66.5 | 58.3 | 55.4 | 69.1 | 59.5 | 59.9 |
| June | 69.8 | 59.9 | 60.8 | 66.0 | 58.0 | 54.8 | 68.7 | 59.3 | 59.3 |
| July | 71.6 | 62.4 | 63.8 | 67.6 | 58.6 | 58.2 | 70.5 | 60.8 | 62.4 |
| August | 73.6 | 62.5 | 62.9 | 69.8 | 59.7 | 56.5 | 72.6 | 61.5 | 61.4 |
| September | 72.1 | 58.6 | 59.8 | 67.9 | 54.9 | 52.3 | 71.0 | 57.2 | 58.0 |
| October | 70.2 | 57.1 | 59.2 | 66.0 | 51.3 | 51.5 | 69.1 | 54.7 | 57.3 |
| November | 69.6 | 59.1 | 60.0 | 65.7 | 52.0 | 52.6 | 68.5 | 56.1 | 58.1 |
| December | 68.2 | 55.5 | 56.9 | 64.0 | 49.8 | 49.1 | 67.1 | 53.2 | 54.9 |
| **1988 Average** | **69.2** | **57.8** | **59.3** | **65.2** | **54.1** | **52.7** | **68.1** | **56.4** | **57.7** |

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

# Table 10. Refiner Total Motor Gasoline Volumes by Seller Type
(Million Gallons per Day)

| Year Month | Major Refiners | | | Other Refiners | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets | Other End Users | | Through Company Outlets | Other End Users | | Through Company Outlets | Other End Users | |
| **1983 Total** | **27.1** | **8.0** | **185.6** | **15.1** | **0.8** | **56.8** | **42.3** | **8.8** | **242.5** |
| **1984 Total** | **34.5** | **6.3** | **188.2** | **15.8** | **1.0** | **58.1** | **50.3** | **7.3** | **246.3** |
| **1985 Total** | **35.8** | **5.4** | **194.7** | **14.7** | **1.6** | **62.1** | **50.5** | **7.0** | **256.9** |
| **1986** | | | | | | | | | |
| January | 33.6 | 4.7 | 178.7 | 14.7 | 2.2 | 54.9 | 48.3 | 7.0 | 233.6 |
| February | 35.0 | 5.6 | 177.9 | 15.4 | 2.5 | 56.1 | 50.4 | 8.1 | 234.0 |
| March | 36.9 | 5.2 | 191.6 | 16.4 | 2.8 | 57.2 | 53.3 | 8.0 | 248.7 |
| April | 37.7 | 5.6 | 204.1 | 16.8 | 2.6 | 59.7 | 54.5 | 8.1 | 263.8 |
| May | 41.1 | 5.7 | 206.9 | 15.9 | 2.8 | 65.9 | 57.0 | 8.5 | 272.8 |
| June | 39.3 | 5.2 | 199.6 | 16.1 | 2.7 | 65.1 | 55.4 | 7.9 | 264.7 |
| July | 39.5 | 4.4 | 205.0 | 16.3 | 2.7 | 64.8 | 55.7 | 7.1 | 269.9 |
| August | 39.4 | 3.4 | 206.0 | 15.8 | 2.7 | 64.0 | 55.2 | 6.1 | 270.0 |
| September | 38.3 | 3.6 | 193.5 | 15.8 | 2.7 | 59.0 | 54.1 | 6.3 | 252.5 |
| October | 38.6 | 3.6 | 202.6 | 16.0 | 2.8 | 62.1 | 54.6 | 6.3 | 264.8 |
| November | 40.2 | 3.1 | 186.6 | 15.6 | 2.9 | 58.9 | 55.9 | 6.0 | 245.5 |
| December | 39.5 | 3.5 | 199.9 | 16.6 | 2.7 | 64.5 | 56.1 | 6.2 | 264.3 |
| **1986 Total** | **38.3** | **4.5** | **196.2** | **16.0** | **2.7** | **61.1** | **54.2** | **7.1** | **257.2** |
| **1987** | | | | | | | | | |
| January | 37.3 | 3.2 | 181.9 | 14.6 | 1.4 | 51.2 | 51.8 | 4.6 | 233.0 |
| February | 38.9 | 3.2 | 183.3 | 15.3 | 3.2 | 53.5 | 54.2 | 6.4 | 236.8 |
| March | 39.3 | 3.9 | 193.4 | 15.2 | 3.2 | 59.5 | 54.5 | 7.1 | 252.9 |
| April | 40.2 | 3.4 | 199.6 | 16.1 | 2.0 | 61.5 | 56.4 | 5.4 | 261.1 |
| May | 40.8 | 3.2 | 198.1 | 15.8 | 1.9 | 63.7 | 56.6 | 5.1 | 261.7 |
| June | 41.9 | 3.4 | 210.1 | 15.9 | 3.1 | 62.0 | 57.8 | 6.5 | 272.1 |
| July | 41.5 | 3.1 | 215.9 | 15.9 | 1.9 | 62.0 | 57.4 | 5.0 | 277.8 |
| August | 42.2 | 2.9 | 201.9 | 15.2 | 2.3 | 57.0 | 57.4 | 5.2 | 258.9 |
| September | 39.0 | 3.1 | 200.1 | 15.4 | 1.8 | 59.8 | 54.4 | 4.9 | 259.8 |
| October | 40.6 | 3.0 | 203.6 | 15.4 | 1.7 | 59.7 | 56.0 | 4.7 | 263.3 |
| November | 39.6 | 2.5 | 192.9 | 14.7 | 2.1 | 55.3 | 54.3 | 4.6 | 248.2 |
| December | 41.1 | 2.9 | 200.2 | 16.1 | 1.6 | 59.0 | 57.3 | 4.4 | 259.2 |
| **1987 Total** | **40.2** | **3.1** | **198.5** | **15.5** | **2.2** | **58.7** | **55.7** | **5.3** | **257.2** |
| **1988** | | | | | | | | | |
| January | 38.2 | 2.8 | 182.1 | 14.8 | 1.3 | 54.4 | 52.9 | 4.1 | 236.4 |
| February | 39.8 | 3.0 | 192.1 | 15.6 | 1.5 | 57.9 | 55.4 | 4.5 | 250.1 |
| March | 41.0 | 3.2 | 200.2 | 15.8 | 1.5 | 62.8 | 56.8 | 4.8 | 263.1 |
| April | 40.7 | 3.0 | 199.9 | 16.1 | 1.8 | 62.2 | 56.8 | 4.8 | 262.1 |
| May | 40.8 | 3.1 | 201.3 | 15.6 | 1.1 | 64.4 | 56.5 | 4.2 | 265.7 |
| June | 42.3 | 2.9 | 216.0 | 16.3 | 1.3 | 70.5 | 58.7 | 4.2 | 286.5 |
| July | 41.6 | 2.4 | 206.6 | 16.1 | 1.7 | 68.7 | 57.7 | 4.1 | 275.3 |
| August | 42.2 | 2.6 | 210.7 | 16.0 | 1.6 | 65.5 | 58.3 | 4.2 | 276.2 |
| September | 40.9 | 2.7 | 200.0 | 15.9 | 1.6 | 62.9 | 56.8 | 4.3 | 262.9 |
| October | 40.6 | 2.6 | 195.7 | 15.4 | 1.8 | 62.9 | 56.0 | 4.4 | 258.6 |
| November | 40.2 | 2.6 | 194.9 | 15.2 | 1.8 | 66.3 | 55.4 | 4.3 | 261.2 |
| December | 42.5 | 2.5 | 198.7 | 16.3 | 1.8 | 67.4 | 58.8 | 4.3 | 266.1 |
| **1988 Total** | **40.9** | **2.8** | **199.9** | **15.8** | **1.6** | **63.8** | **56.7** | **4.4** | **263.7** |

Note: Totals may not equal the sum of components due to rounding.
Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

# Table 11. Refiner/Reseller Unleaded Motor Gasoline Prices by Sales Type

(Cents per Gallon Excluding Taxes)

| Year Month | U.S. Average | | PAD I Average | | PAD IA Average | | CT | | ME | | MA | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **93.2** | **84.9** | **92.3** | **84.8** | **93.1** | **85.4** | **93.3** | **85.3** | **95.8** | **85.7** | **91.5** | **85.0** |
| **1985 Average** | **93.3** | **84.9** | **93.6** | **85.2** | **95.5** | **87.0** | **94.5** | **87.4** | **98.5** | **87.7** | **94.4** | **86.1** |
| **1986** | | | | | | | | | | | | |
| January | 90.5 | 77.1 | 92.2 | 79.1 | 95.8 | 84.4 | 95.8 | 85.8 | 98.4 | 84.0 | 94.2 | 83.5 |
| February | 81.0 | 65.1 | 85.2 | 67.8 | 91.7 | 74.1 | 87.6 | 76.6 | 95.2 | 74.4 | 91.2 | 72.1 |
| March | 66.5 | 52.6 | 70.1 | 54.5 | 78.5 | 59.5 | 82.1 | 62.6 | 78.7 | 54.8 | 77.1 | 58.9 |
| April | 61.3 | 52.2 | 61.3 | 50.9 | 65.6 | 52.5 | 66.4 | 55.0 | 66.0 | 49.8 | 64.5 | 51.3 |
| May | 65.9 | 58.3 | 64.7 | 57.6 | 67.8 | 60.1 | 69.9 | 62.1 | 71.8 | 61.0 | 63.8 | 58.0 |
| June | 66.1 | 54.3 | 65.4 | 53.1 | 69.2 | 56.5 | 69.7 | 58.5 | 73.2 | 56.8 | 65.4 | 55.0 |
| July | 59.0 | 45.3 | 59.0 | 44.4 | 62.2 | 46.5 | 63.1 | 49.3 | 67.0 | 44.2 | 58.6 | 45.0 |
| August | 56.9 | 47.5 | 56.0 | 46.5 | 59.4 | 47.3 | 59.4 | 47.3 | 63.2 | 48.2 | 55.5 | 46.4 |
| September | 57.0 | 47.8 | 55.7 | 47.5 | 59.9 | 50.0 | 59.9 | 50.4 | 63.9 | 50.4 | 56.1 | 49.0 |
| October | 54.4 | 45.4 | 54.7 | 46.1 | 59.7 | 48.7 | 59.0 | 49.0 | 63.1 | 48.7 | 57.5 | 48.1 |
| November | 54.1 | 46.2 | 54.4 | 46.6 | 59.0 | 49.2 | 58.3 | 49.9 | 60.9 | 49.1 | 58.1 | 48.2 |
| December | 54.9 | 46.6 | 55.0 | 47.7 | 60.1 | 50.1 | 58.2 | 50.2 | 63.1 | 50.6 | 58.0 | 49.3 |
| **1986 Average** | **63.6** | **52.9** | **63.9** | **53.2** | **68.2** | **55.8** | **68.9** | **57.4** | **71.2** | **55.1** | **65.9** | **54.6** |
| **1987** | | | | | | | | | | | | |
| January | 60.1 | 52.0 | 59.8 | 52.7 | 62.7 | 55.3 | 64.9 | 55.2 | 64.8 | 55.2 | 60.2 | 54.9 |
| February | 62.1 | 53.5 | 62.4 | 53.4 | 65.5 | 54.7 | 67.8 | 55.1 | 68.5 | 55.0 | 62.0 | 53.7 |
| March | 63.0 | 54.6 | 63.2 | 54.7 | 65.8 | 56.7 | 65.9 | 58.4 | 69.0 | 55.9 | 63.8 | 55.6 |
| April | 64.7 | 56.1 | 64.6 | 56.3 | 67.0 | 58.2 | 68.1 | 60.7 | 69.0 | 56.7 | 65.1 | 56.9 |
| May | 66.0 | 57.7 | 65.9 | 57.8 | 68.5 | 59.5 | 69.8 | 61.6 | 70.1 | 58.8 | 67.0 | 58.1 |
| June | 68.0 | 59.1 | 68.3 | 59.3 | 70.7 | 60.5 | 70.7 | 64.1 | 70.9 | 61.2 | 70.4 | 58.8 |
| July | 69.9 | 61.0 | 70.2 | 61.8 | 74.0 | 63.8 | 76.5 | 67.5 | 73.4 | 62.3 | 73.2 | 62.4 |
| August | 71.4 | 61.7 | 71.4 | 61.5 | 75.9 | 64.7 | 77.4 | 67.8 | 76.2 | 61.3 | 75.4 | 64.2 |
| September | 70.3 | 58.4 | 70.9 | 58.8 | 75.7 | 62.0 | 77.4 | 63.9 | 75.4 | 59.0 | 75.7 | 62.1 |
| October | 69.2 | 58.7 | 70.1 | 59.0 | 74.9 | 62.5 | 76.1 | 64.0 | 74.3 | 60.4 | 75.0 | 62.7 |
| November | 68.7 | 57.8 | 70.0 | 58.6 | 75.5 | 62.6 | 76.2 | 62.4 | 75.5 | 60.8 | 75.8 | 63.0 |
| December | 66.4 | 53.2 | 68.4 | 55.1 | 74.3 | 59.6 | 73.3 | 59.8 | 74.1 | 56.7 | 74.7 | 60.2 |
| **1987 Average** | **67.0** | **57.2** | **67.5** | **57.7** | **71.4** | **60.2** | **71.8** | **61.6** | **72.1** | **58.8** | **70.9** | **59.6** |
| **1988** | | | | | | | | | | | | |
| January | 64.2 | 51.3 | 66.9 | 53.1 | 73.4 | 56.8 | 73.6 | 57.8 | 73.4 | 53.4 | 73.9 | 56.8 |
| February | 62.6 | 51.7 | 65.1 | 53.4 | 71.8 | 56.8 | 71.2 | 58.4 | 70.9 | 53.1 | 72.5 | 57.4 |
| March | 61.9 | 52.0 | 63.7 | 53.2 | 70.3 | 56.4 | 70.4 | 57.9 | 69.4 | 52.7 | 70.6 | 56.8 |
| April | 65.2 | 56.1 | 65.6 | 56.4 | 70.9 | 57.6 | 71.0 | 57.5 | 69.8 | 56.6 | 71.3 | 57.2 |
| May | 67.1 | 57.5 | 66.8 | 57.7 | 72.0 | 59.7 | 72.4 | 62.1 | 71.9 | 58.8 | 72.2 | 58.9 |
| June | 66.7 | 56.8 | 67.2 | 57.5 | 72.5 | 60.0 | 73.4 | 62.0 | 71.5 | 58.4 | 72.4 | 59.6 |
| July | 68.8 | 59.6 | 68.8 | 59.8 | 74.2 | 62.5 | 75.8 | 64.4 | 74.3 | 61.2 | 73.6 | 62.2 |
| August | 70.1 | 58.4 | 69.6 | 57.9 | 75.1 | 60.8 | 76.2 | 62.0 | 74.6 | 56.8 | 75.4 | 61.8 |
| September | 68.3 | 54.9 | 68.7 | 54.9 | 74.6 | 57.7 | 77.1 | 60.8 | 74.9 | 54.2 | 73.6 | 56.6 |
| October | 66.6 | 54.2 | 67.9 | 56.1 | 74.2 | 60.0 | 77.0 | 61.0 | 73.9 | 55.9 | 73.7 | 60.9 |
| November | 66.2 | 55.1 | 67.9 | 57.3 | 74.7 | 59.0 | 77.1 | 64.0 | 75.2 | 59.8 | 74.1 | 56.7 |
| December | 64.6 | 52.0 | 67.0 | 55.0 | 74.6 | 58.2 | 77.1 | 61.3 | 74.5 | 56.7 | 74.2 | 56.6 |
| **1988 Average** | **66.1** | **55.1** | **67.1** | **56.1** | **73.2** | **58.9** | **74.6** | **60.8** | **72.8** | **56.6** | **73.1** | **58.4** |

See footnotes at end of table.

# Table 11. Refiner/Reseller Unleaded Motor Gasoline Prices by Sales Type (Continued)

(Cents per Gallon Excluding Taxes)

| Year Month | NH | | RI | | VT | | PAD IB Average | | DE | | DC | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **94.0** | **86.8** | **88.3** | **84.7** | **99.1** | **89.5** | **92.0** | **84.4** | **90.8** | **80.5** | W | **86.5** |
| **1985 Average** | **96.7** | **89.2** | **92.7** | **86.3** | **99.3** | **91.9** | **93.4** | **85.0** | **92.7** | **85.6** | - | **86.9** |
| **1986** | | | | | | | | | | | | |
| January | 98.0 | 85.2 | 92.0 | 82.3 | 99.0 | 88.3 | 92.8 | 80.3 | 90.6 | 84.4 | - | 84.9 |
| February | 95.3 | 76.3 | 86.6 | 71.9 | 95.0 | 80.3 | 85.7 | 68.8 | 80.6 | 77.5 | - | 78.8 |
| March | 79.0 | 59.5 | 72.5 | 55.9 | 79.8 | 64.1 | 70.0 | 55.4 | 65.0 | 61.3 | W | 67.6 |
| April | 67.2 | 55.8 | 60.5 | 50.3 | 71.7 | 59.2 | 59.2 | 49.8 | 60.8 | 50.4 | - | 58.1 |
| May | 72.1 | 62.6 | 62.2 | 59.2 | 77.3 | 65.5 | 64.1 | 57.0 | 66.8 | 58.4 | - | 58.7 |
| June | 73.4 | 59.4 | 66.3 | 55.0 | 77.8 | 63.0 | 64.7 | 52.6 | 63.6 | 51.4 | - | 57.4 |
| July | 65.7 | 49.3 | 60.2 | 44.4 | 69.4 | 53.7 | 58.4 | 44.4 | 54.7 | 42.8 | - | 53.8 |
| August | 62.9 | 50.9 | 55.4 | 44.1 | 67.6 | 54.8 | 54.6 | 46.1 | 55.0 | 45.7 | - | 52.1 |
| September | 64.9 | 51.3 | 56.9 | 49.2 | 68.5 | 57.1 | 55.0 | 47.4 | 54.9 | 46.4 | - | 52.0 |
| October | 61.2 | 50.2 | 56.3 | 46.9 | 66.9 | 54.6 | 53.7 | 46.2 | 53.1 | 46.0 | - | 49.6 |
| November | NA | 51.9 | 56.1 | 49.0 | 64.2 | 54.5 | 53.8 | 46.0 | 53.1 | 45.3 | - | 49.3 |
| December | NA | 52.2 | 57.7 | 50.2 | 66.0 | 56.8 | 54.3 | 47.2 | 54.4 | 45.7 | - | 50.3 |
| **1986 Average** | **69.4** | **58.3** | **66.0** | **54.3** | **75.1** | **62.0** | **63.6** | **53.1** | **62.8** | **54.5** | W | **59.5** |
| **1987** | | | | | | | | | | | | |
| January | 65.6 | 57.9 | 55.3 | 53.9 | 69.5 | 60.8 | 58.2 | 51.5 | 57.6 | 51.4 | - | 53.7 |
| February | 67.9 | 58.1 | 61.2 | 53.4 | 71.4 | 61.2 | 61.3 | 52.9 | 60.0 | 52.6 | W | 55.1 |
| March | 67.8 | 58.0 | 62.4 | 56.3 | 72.1 | 60.7 | 62.3 | 54.1 | 60.2 | 52.6 | - | 55.8 |
| April | 68.7 | 59.9 | 64.6 | 57.3 | 72.3 | 63.3 | 63.6 | 55.7 | 63.4 | 55.2 | - | 56.9 |
| May | 69.6 | 61.3 | 65.8 | 59.2 | 72.0 | 64.6 | 65.2 | 57.1 | 65.0 | 56.5 | - | 58.4 |
| June | 71.4 | 63.1 | 67.5 | 61.6 | 75.6 | 66.8 | 67.9 | 58.9 | 65.9 | 58.6 | W | 60.4 |
| July | 74.2 | 65.3 | 71.6 | 63.1 | 77.5 | 67.5 | 69.7 | 61.6 | 67.7 | 59.8 | W | 63.9 |
| August | 75.3 | 65.7 | 74.7 | 63.4 | 79.7 | 66.9 | 71.0 | 60.8 | 68.3 | 59.0 | W | 66.0 |
| September | 74.2 | 63.4 | 73.7 | 59.7 | 79.1 | 64.6 | 70.5 | 58.7 | 67.5 | 59.5 | W | 64.1 |
| October | 73.7 | 64.6 | 72.7 | 59.6 | 79.0 | 65.9 | 69.7 | 58.9 | 67.3 | 59.6 | W | 62.3 |
| November | 74.1 | 65.1 | 73.1 | 61.0 | 79.4 | 66.0 | 69.5 | 58.7 | 68.4 | 59.5 | - | 61.9 |
| December | 73.9 | 62.3 | 71.9 | 57.8 | 77.2 | 62.2 | 68.3 | 55.6 | 66.2 | 54.8 | W | 58.9 |
| **1987 Average** | **71.9** | **62.3** | **67.9** | **59.2** | **75.6** | **64.3** | **66.9** | **57.3** | **65.4** | **56.8** | W | **60.5** |
| **1988** | | | | | | | | | | | | |
| January | 71.5 | 59.6 | 70.0 | 56.3 | 77.3 | 61.6 | 67.0 | 53.4 | 63.0 | 52.7 | W | 57.1 |
| February | 71.3 | 56.9 | 67.9 | 54.4 | 75.5 | 61.7 | 65.2 | 53.5 | 62.1 | 55.1 | W | 57.0 |
| March | 70.5 | 58.9 | 65.5 | 53.5 | 74.5 | 60.8 | 63.9 | 52.8 | 61.1 | 53.8 | W | 57.1 |
| April | 70.9 | 61.5 | 66.4 | 57.8 | 74.5 | 63.1 | 64.8 | 55.6 | 64.3 | 55.8 | W | 62.8 |
| May | 71.3 | 63.1 | 69.1 | 58.4 | 75.4 | 64.1 | 65.8 | 57.0 | 65.5 | 57.5 | W | 63.3 |
| June | 73.3 | 63.1 | 68.8 | 57.6 | 75.4 | 63.8 | 67.1 | 57.3 | 67.3 | 57.4 | W | 63.4 |
| July | 74.7 | 65.7 | 70.9 | 60.6 | 76.9 | 66.4 | 67.7 | 58.7 | 67.1 | 59.7 | W | 64.7 |
| August | 74.3 | 64.1 | 72.0 | 58.6 | 77.8 | 63.2 | 68.2 | 57.4 | 68.8 | 58.9 | W | 65.8 |
| September | 73.1 | 61.3 | 70.6 | 56.8 | 77.6 | 61.6 | 67.4 | 54.2 | 64.8 | 57.3 | W | 64.1 |
| October | 72.0 | 60.6 | 70.3 | 58.3 | 76.8 | 62.0 | 66.7 | 55.6 | 64.9 | 56.9 | W | 61.4 |
| November | 72.5 | 64.3 | 70.9 | 58.0 | 77.4 | 65.6 | 67.2 | 57.3 | 66.7 | 59.5 | W | 63.5 |
| December | 73.1 | 62.7 | 70.6 | 58.2 | 76.7 | 63.2 | 67.3 | 55.4 | 66.8 | 57.8 | W | 62.9 |
| **1988 Average** | **72.5** | **61.9** | **69.6** | **57.6** | **76.5** | **63.1** | **66.5** | **55.8** | **65.4** | **57.0** | W | **61.5** |

See footnotes at end of table.

## Table 11. Refiner/Reseller Unleaded Motor Gasoline Prices by Sales Type (Continued)
(Cents per Gallon Excluding Taxes)

| Year Month | MD | | NJ | | NY | | PA | | PAD IC Average | | FL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **94.3** | **86.1** | **92.0** | **82.4** | **93.1** | **86.7** | **90.8** | **83.9** | **92.4** | **85.1** | **93.1** | **85.3** |
| **1985 Average** | **92.9** | **86.3** | **94.9** | **83.9** | **94.1** | **85.7** | **92.2** | **85.0** | **93.4** | **84.8** | **93.6** | **85.3** |
| **1986** | | | | | | | | | | | | |
| January | 88.0 | 83.3 | 96.3 | 77.0 | 93.6 | 82.3 | 91.1 | 80.7 | 91.0 | 76.1 | 92.0 | 78.8 |
| February | 83.6 | 74.8 | 90.6 | 66.1 | 86.8 | 69.8 | 83.1 | 67.3 | 83.6 | 64.3 | 87.3 | 68.5 |
| March | 71.0 | 61.3 | 74.3 | 54.7 | 72.1 | 55.6 | 66.7 | 52.3 | 68.6 | 51.9 | 71.8 | 54.6 |
| April | 64.7 | 55.0 | 59.4 | 47.2 | 61.7 | 52.3 | 56.8 | 48.2 | 61.9 | 51.8 | 62.9 | 52.5 |
| May | 66.1 | 58.2 | 62.9 | 55.3 | 64.0 | 59.1 | 64.4 | 56.1 | 64.4 | 57.4 | 63.3 | 56.9 |
| June | 65.3 | 55.3 | 65.3 | 50.4 | 64.6 | 56.1 | 64.4 | 51.0 | 65.1 | 52.5 | 65.2 | 52.7 |
| July | 59.0 | 48.8 | 61.1 | 42.3 | 59.5 | 47.5 | 56.6 | 41.9 | 58.8 | 43.6 | 57.8 | 44.9 |
| August | 58.2 | 49.7 | 57.0 | 44.8 | 56.2 | 48.5 | 51.9 | 43.9 | 56.2 | 46.7 | 54.0 | 47.2 |
| September | 56.9 | 50.0 | 56.7 | 45.9 | 56.6 | 50.4 | 52.5 | 45.7 | 55.3 | 46.8 | 52.7 | 47.0 |
| October | 55.7 | 48.3 | 54.7 | 44.6 | 55.9 | 49.2 | 50.9 | 44.4 | 54.2 | 44.9 | 54.2 | 45.2 |
| November | 55.6 | 49.6 | 54.3 | 43.8 | 56.9 | 49.5 | 50.9 | 44.3 | 53.9 | 46.3 | 53.4 | 46.4 |
| December | 55.2 | 49.1 | 54.0 | 45.5 | 57.3 | 50.6 | 51.8 | 45.8 | 54.3 | 47.4 | 53.6 | 47.3 |
| **1986 Average** | **65.1** | **56.2** | **66.3** | **51.1** | **64.4** | **56.5** | **61.6** | **50.9** | **63.3** | **52.3** | **62.7** | **53.3** |
| **1987** | | | | | | | | | | | | |
| January | 59.3 | 53.8 | 56.8 | 49.7 | 60.5 | 54.3 | 56.4 | 50.4 | 60.0 | 53.3 | 59.9 | 53.6 |
| February | 61.1 | 55.6 | 60.8 | 51.0 | 62.9 | 56.0 | 60.1 | 51.8 | 62.2 | 53.5 | 63.0 | 53.8 |
| March | 61.9 | 56.3 | 62.9 | 52.4 | 63.9 | 57.2 | 60.8 | 53.1 | 63.1 | 54.9 | 63.4 | 55.2 |
| April | 63.5 | 59.1 | 65.0 | 54.2 | 65.0 | 58.0 | 61.9 | 54.1 | 64.6 | 56.4 | 64.8 | 56.7 |
| May | 64.6 | 59.6 | 67.1 | 55.7 | 66.2 | 60.3 | 63.7 | 55.8 | 65.7 | 58.0 | 66.0 | 58.1 |
| June | 68.6 | 62.3 | 68.9 | 57.2 | 69.2 | 62.2 | 66.2 | 57.8 | 67.9 | 59.4 | 69.3 | 59.5 |
| July | 69.3 | 64.9 | 71.4 | 60.5 | 70.8 | 63.7 | 68.1 | 59.9 | 69.5 | 61.2 | 71.3 | 61.5 |
| August | 70.1 | 63.9 | 73.7 | 59.4 | 72.5 | 63.5 | 68.5 | 59.0 | 70.5 | 61.3 | 72.3 | 62.1 |
| September | 70.4 | 62.9 | 73.2 | 56.3 | 71.9 | 62.4 | 68.1 | 57.1 | 69.8 | 57.7 | 71.1 | 58.9 |
| October | 69.9 | 62.3 | 72.0 | 56.4 | 71.2 | 63.2 | 67.4 | 57.5 | 69.1 | 57.8 | 70.5 | 58.6 |
| November | 69.2 | 60.6 | 71.2 | 56.2 | 71.1 | 63.2 | 67.3 | 57.3 | 68.9 | 57.1 | 69.2 | 58.1 |
| December | 68.0 | 58.4 | 71.1 | 53.5 | 70.2 | 59.6 | 65.6 | 53.4 | 66.8 | 52.7 | 67.6 | 54.3 |
| **1987 Average** | **66.6** | **60.1** | **68.4** | **55.3** | **68.6** | **60.7** | **64.9** | **56.0** | **66.8** | **57.1** | **67.9** | **57.6** |
| **1988** | | | | | | | | | | | | |
| January | 67.0 | 56.5 | 69.1 | 51.6 | 69.7 | 57.6 | 63.7 | 50.9 | 65.1 | 51.1 | 65.5 | 51.9 |
| February | 66.8 | 56.9 | 67.8 | 52.8 | 67.9 | 57.3 | 61.4 | 50.4 | 63.2 | 52.2 | 63.4 | 53.1 |
| March | 66.2 | 58.1 | 66.2 | 51.4 | 66.8 | 56.5 | 59.9 | 49.8 | 61.9 | 52.6 | 62.7 | 53.2 |
| April | 68.0 | 60.1 | 66.1 | 54.0 | 66.7 | 58.5 | 62.0 | 53.3 | 64.7 | 57.0 | 65.4 | 57.1 |
| May | 69.0 | 61.3 | 67.3 | 55.1 | 67.0 | 60.3 | 63.6 | 55.1 | 65.9 | 57.8 | 67.1 | 58.7 |
| June | 69.5 | 61.6 | 67.9 | 55.7 | 69.0 | 60.8 | 64.5 | 54.9 | 65.8 | 56.7 | 67.5 | 57.6 |
| July | 70.9 | 62.9 | 69.8 | 56.8 | 68.9 | 62.0 | 65.4 | 56.7 | 67.9 | 60.3 | 69.6 | 61.0 |
| August | 71.1 | 62.3 | 71.0 | 56.2 | 69.4 | 60.0 | 65.7 | 54.8 | 68.9 | 57.6 | 70.8 | 59.0 |
| September | 70.1 | 60.8 | 70.2 | 51.4 | 69.6 | 58.4 | 63.5 | 51.8 | 68.2 | 54.7 | 70.3 | 57.5 |
| October | 69.6 | 60.6 | 69.9 | 53.1 | 68.6 | 59.3 | 63.1 | 52.9 | 67.2 | 55.4 | 69.1 | 57.3 |
| November | 70.7 | 61.6 | 70.0 | 54.8 | 68.6 | 61.8 | 64.1 | 55.2 | 67.0 | 56.7 | 68.3 | 58.3 |
| December | 70.2 | 60.4 | 69.7 | 52.9 | 68.9 | 59.4 | 64.2 | 53.5 | 65.5 | 53.1 | 66.5 | 55.3 |
| **1988 Average** | **69.2** | **60.4** | **68.8** | **53.9** | **68.4** | **59.4** | **63.5** | **53.4** | **66.0** | **55.5** | **67.2** | **56.7** |

See footnotes at end of table.

# Table 11. Refiner/Reseller Unleaded Motor Gasoline Prices by Sales Type (Continued)

(Cents per Gallon Excluding Taxes)

| Year Month | GA | | NC | | SC | | VA | | WV | | PAD II Average | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **90.8** | **84.3** | **91.7** | **84.8** | **91.2** | **84.6** | **93.1** | **85.5** | **96.5** | **88.3** | **93.2** | **85.1** |
| **1985 Average** | **93.5** | **83.9** | **92.7** | **84.6** | **91.6** | **83.9** | **93.7** | **85.3** | **96.5** | **87.3** | **93.5** | **85.3** |
| **1986** | | | | | | | | | | | | |
| January | 90.5 | 73.9 | 91.8 | 74.6 | 87.5 | 72.9 | 90.3 | 76.7 | 95.1 | 80.4 | 89.7 | 74.8 |
| February | 83.7 | 61.2 | 78.5 | 62.0 | 78.3 | 59.7 | 84.3 | 65.1 | 86.8 | 68.4 | 77.3 | 60.8 |
| March | 67.7 | 49.2 | 64.3 | 49.8 | 60.9 | 47.9 | 72.9 | 54.0 | 69.9 | 55.6 | 62.0 | 48.4 |
| April | 61.3 | 50.7 | 60.1 | 51.4 | 57.2 | 49.7 | 64.2 | 53.0 | 67.2 | 54.1 | 59.8 | 50.2 |
| May | 63.1 | 56.9 | 65.4 | 58.0 | 63.0 | 56.6 | 65.9 | 57.3 | 69.5 | 61.3 | 66.7 | 58.4 |
| June | 64.0 | 52.0 | 65.5 | 52.7 | 62.8 | 50.4 | 65.3 | 52.9 | 70.8 | 55.9 | 66.3 | 53.3 |
| July | 59.4 | 42.5 | 56.7 | 41.0 | 60.8 | 44.2 | 59.0 | 44.1 | 65.2 | 48.5 | 57.5 | 43.2 |
| August | 56.4 | 46.1 | 57.4 | 45.7 | 56.0 | 47.0 | 57.3 | 46.7 | 64.1 | 49.6 | 57.1 | 47.8 |
| September | 55.6 | 45.6 | 56.3 | 45.3 | 55.8 | 46.7 | 56.8 | 46.5 | 63.6 | 53.9 | 57.2 | 47.5 |
| October | 52.5 | 44.3 | 54.4 | 43.9 | 53.6 | 45.6 | 54.6 | 44.9 | 60.5 | 48.9 | 54.3 | 45.4 |
| November | 52.6 | 45.9 | 55.1 | 45.8 | 53.4 | 47.2 | 54.0 | 46.4 | 59.4 | 47.8 | 54.4 | 47.0 |
| December | 53.3 | 47.0 | 55.2 | 46.5 | 54.1 | 48.4 | 54.7 | 47.2 | 60.5 | 51.0 | 55.6 | 47.1 |
| **1986 Average** | **62.8** | **51.1** | **63.4** | **51.5** | **61.2** | **50.9** | **64.9** | **52.9** | **68.5** | **55.7** | **62.9** | **51.4** |
| **1987** | | | | | | | | | | | | |
| January | 59.3 | 52.9 | 59.7 | 53.2 | 59.8 | 53.5 | 60.0 | 53.2 | 64.8 | 54.8 | 61.4 | 53.0 |
| February | 61.4 | 52.8 | 62.2 | 53.0 | 61.2 | 53.6 | 61.5 | 53.8 | 64.9 | 55.9 | 61.1 | 52.8 |
| March | 62.3 | 54.8 | 62.8 | 54.2 | 62.3 | 54.9 | 63.0 | 55.0 | 67.3 | 56.7 | 62.2 | 54.4 |
| April | 64.2 | 56.3 | 64.2 | 56.1 | 63.8 | 56.4 | 64.7 | 56.3 | 67.4 | 58.3 | 64.5 | 55.9 |
| May | 64.8 | 57.7 | 65.8 | 57.7 | 66.3 | 58.0 | 65.0 | 58.1 | 68.8 | 59.3 | 65.9 | 57.9 |
| June | 67.1 | 59.4 | 67.1 | 59.2 | 67.4 | 59.2 | 66.7 | 59.3 | 69.0 | 61.4 | 67.9 | 60.2 |
| July | 68.0 | 60.8 | 67.7 | 60.9 | 70.2 | 61.2 | 68.1 | 61.1 | 71.6 | 63.6 | 70.3 | 62.7 |
| August | 68.4 | 60.5 | 68.9 | 60.4 | 70.2 | 60.8 | 70.3 | 61.5 | 73.8 | 64.1 | 71.6 | 63.0 |
| September | 67.2 | 56.7 | 68.4 | 56.6 | 69.6 | 56.5 | 70.7 | 58.0 | 73.3 | 62.2 | 69.8 | 58.6 |
| October | 66.4 | 57.0 | 67.9 | 57.1 | 68.8 | 56.9 | 70.1 | 58.2 | 72.4 | 61.5 | 68.3 | 58.6 |
| November | 68.1 | 55.6 | 67.9 | 56.7 | 67.9 | 56.2 | 70.3 | 57.6 | 71.5 | 59.6 | 68.3 | 57.9 |
| December | 64.4 | 51.0 | 65.9 | 51.9 | 66.5 | 51.1 | 68.7 | 53.5 | 70.9 | 56.3 | 64.8 | 51.4 |
| **1987 Average** | **65.4** | **56.4** | **65.8** | **56.6** | **66.4** | **56.7** | **66.8** | **57.3** | **69.7** | **59.7** | **66.6** | **57.4** |
| **1988** | | | | | | | | | | | | |
| January | 61.7 | 49.4 | 65.2 | 50.6 | 65.2 | 49.5 | 67.9 | 52.3 | 69.6 | 55.0 | 61.6 | 50.0 |
| February | 59.9 | 50.8 | 62.7 | 51.3 | 62.9 | 50.8 | 66.8 | 53.4 | 68.1 | 55.0 | 60.4 | 50.9 |
| March | 57.6 | 51.4 | 61.1 | 52.3 | 61.6 | 52.0 | 66.0 | 53.6 | 67.3 | 54.7 | 60.1 | 51.4 |
| April | 63.0 | 56.4 | 62.7 | 57.0 | 64.3 | 56.3 | 66.5 | 57.7 | 68.2 | 58.2 | 64.7 | 56.8 |
| May | 63.3 | 56.9 | 65.2 | 57.2 | 64.5 | 56.7 | 67.7 | 58.3 | 69.9 | 59.9 | 66.8 | 57.5 |
| June | 62.4 | 55.6 | 65.0 | 56.2 | 64.4 | 56.1 | 67.7 | 57.1 | 69.9 | 59.4 | 65.5 | 56.0 |
| July | 64.4 | 59.4 | 67.2 | 60.2 | 67.0 | 59.4 | 69.3 | 60.7 | 71.5 | 62.2 | 68.6 | 60.5 |
| August | 65.5 | 55.7 | 67.8 | 56.8 | 67.6 | 56.7 | 70.0 | 58.3 | 72.4 | 61.2 | 70.2 | 59.3 |
| September | 66.2 | 52.6 | 67.4 | 52.7 | 65.2 | 52.3 | 69.4 | 55.4 | 71.4 | 57.8 | 66.9 | 54.0 |
| October | 66.4 | 53.5 | 65.5 | 54.2 | 63.7 | 53.5 | 68.7 | 56.1 | 70.9 | 57.7 | 64.6 | 53.6 |
| November | 66.6 | 54.8 | 65.5 | 55.3 | 62.9 | 55.7 | 68.8 | 57.4 | 70.7 | 59.4 | 65.1 | 55.3 |
| December | 64.3 | 50.5 | 64.7 | 51.3 | 61.6 | 51.1 | 68.4 | 54.5 | 70.3 | 57.5 | 63.1 | 51.0 |
| **1988 Average** | **63.6** | **54.0** | **65.1** | **54.8** | **64.2** | **54.4** | **68.2** | **56.3** | **70.1** | **58.3** | **64.9** | **54.9** |

See footnotes at end of table.

## Table 11. Refiner/Reseller Unleaded Motor Gasoline Prices by Sales Type (Continued)
(Cents per Gallon Excluding Taxes)

| Year Month | IL | | IN | | IA | | KS | | KY | | MI | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **90.8** | **84.8** | **94.5** | **85.5** | **95.9** | **85.0** | **94.2** | **82.1** | **92.2** | **85.8** | **91.8** | **86.1** |
| **1985 Average** | **92.1** | **85.4** | **92.7** | **84.8** | **96.2** | **85.8** | **95.6** | **82.5** | **94.0** | **86.2** | **92.4** | **85.9** |
| **1986** | | | | | | | | | | | | |
| January | 90.5 | 77.3 | 87.9 | 75.6 | 90.0 | 72.3 | 90.5 | 68.5 | 88.4 | 76.9 | 90.6 | 78.5 |
| February | 78.6 | 63.8 | 74.5 | 60.5 | 74.4 | 59.2 | 74.5 | 55.1 | 76.5 | 62.2 | 78.5 | 63.2 |
| March | 63.5 | 50.6 | 57.3 | 47.0 | 61.9 | 47.7 | 61.2 | 44.4 | 65.2 | 50.3 | 61.3 | 48.1 |
| April | 57.5 | 49.3 | 60.4 | 49.5 | 66.2 | 50.5 | 61.4 | 46.9 | 60.7 | 53.3 | 58.5 | 50.1 |
| May | 63.5 | 58.0 | 68.9 | 58.4 | 68.7 | 59.0 | 68.7 | 55.7 | 68.6 | 62.0 | 66.1 | 59.1 |
| June | 66.2 | 54.8 | 66.4 | 54.4 | 68.9 | 52.2 | 66.3 | 49.7 | 67.2 | 54.5 | 66.4 | 55.7 |
| July | 59.4 | 44.6 | 52.3 | 41.3 | 57.4 | 42.6 | 56.5 | 39.2 | 57.0 | 45.4 | 57.5 | 45.0 |
| August | 55.4 | 47.3 | 56.2 | 46.2 | 60.6 | 49.2 | 58.1 | 45.9 | 54.7 | 48.6 | 56.0 | 48.3 |
| September | 55.0 | 47.3 | 53.7 | 45.7 | 61.4 | 48.3 | 61.4 | 44.7 | 56.2 | 49.2 | 55.7 | 48.0 |
| October | 53.3 | 45.6 | 51.5 | 43.9 | 57.4 | 45.8 | 56.9 | 42.4 | 52.4 | 46.5 | 53.1 | 45.1 |
| November | 53.3 | 47.5 | 51.6 | 45.9 | 57.2 | 47.4 | 55.0 | 44.0 | 54.3 | 48.1 | 53.5 | 47.3 |
| December | 55.3 | 48.0 | 53.1 | 46.6 | 56.3 | 46.4 | 54.7 | 43.3 | 54.4 | 47.3 | 53.3 | 47.4 |
| **1986 Average** | **61.3** | **52.6** | **60.8** | **51.2** | **63.8** | **51.1** | **63.5** | **47.9** | **63.4** | **53.2** | **62.5** | **52.4** |
| **1987** | | | | | | | | | | | | |
| January | 61.1 | 53.8 | 59.5 | 52.1 | 63.2 | 53.2 | 59.8 | 50.3 | 62.3 | 54.0 | 59.6 | 53.4 |
| February | 61.8 | 53.8 | 58.8 | 51.3 | 62.1 | 52.9 | 59.9 | 49.8 | 61.5 | 54.1 | 58.5 | 52.6 |
| March | 62.8 | 55.2 | 61.3 | 54.1 | 64.4 | 55.4 | 62.3 | 51.8 | 63.0 | 55.5 | 59.0 | 54.5 |
| April | 65.1 | 57.1 | 63.6 | 55.2 | 68.1 | 57.0 | 65.4 | 53.9 | 64.8 | 57.4 | 60.4 | 56.1 |
| May | 66.3 | 58.9 | 65.4 | 57.8 | 69.1 | 58.6 | 66.5 | 56.1 | 66.7 | 59.8 | 62.1 | 57.9 |
| June | 67.8 | 60.0 | 66.8 | 59.5 | 70.5 | 61.4 | 70.7 | 58.6 | 69.3 | 61.6 | 64.7 | 60.3 |
| July | 69.3 | 62.9 | 69.3 | 62.0 | 73.8 | 63.8 | 73.6 | 60.9 | 71.4 | 63.5 | 68.4 | 63.6 |
| August | 71.4 | 63.8 | 70.3 | 62.3 | 74.9 | 64.3 | 76.1 | 61.1 | 72.7 | 63.5 | 69.8 | 64.5 |
| September | 70.4 | 59.6 | 66.3 | 57.4 | 72.5 | 59.2 | 74.3 | 56.0 | 69.2 | 59.7 | 68.9 | 61.5 |
| October | 68.8 | 58.8 | 65.6 | 56.7 | 71.2 | 59.8 | 73.0 | 57.3 | 67.5 | 59.0 | 67.8 | 60.1 |
| November | 68.0 | 58.3 | 64.8 | 56.4 | 71.1 | 59.5 | 74.4 | 55.6 | 67.5 | 59.3 | 67.1 | 59.9 |
| December | 65.1 | 52.9 | 60.1 | 50.3 | 65.4 | 50.2 | 67.8 | 48.1 | 63.8 | 54.0 | 64.3 | 54.1 |
| **1987 Average** | **66.6** | **58.0** | **64.4** | **56.4** | **68.8** | **58.1** | **69.2** | **55.3** | **67.1** | **58.6** | **64.7** | **58.4** |
| **1988** | | | | | | | | | | | | |
| January | 62.9 | 52.3 | 58.3 | 48.4 | 62.9 | 49.3 | 63.9 | 46.7 | 59.8 | 52.2 | 62.1 | 52.3 |
| February | 62.4 | 52.8 | 58.9 | 49.5 | 62.3 | 51.0 | 62.9 | 47.7 | 59.3 | 53.0 | 59.5 | 52.2 |
| March | 60.8 | 52.6 | 59.4 | 50.1 | 61.9 | 51.9 | 63.2 | 48.7 | 60.8 | 53.6 | 58.4 | 52.3 |
| April | 64.2 | 57.5 | 64.8 | 56.2 | 67.8 | 57.3 | 66.1 | 53.8 | 65.9 | 58.8 | 62.7 | 57.9 |
| May | 66.2 | 58.0 | 65.5 | 57.0 | 69.7 | 58.0 | 68.3 | 54.6 | 70.5 | 60.6 | 65.9 | 59.0 |
| June | 65.8 | 56.8 | 63.0 | 54.6 | 69.5 | 56.0 | 67.8 | 53.6 | 68.9 | 58.8 | 63.9 | 57.0 |
| July | 68.4 | 61.3 | 67.0 | 59.9 | 70.6 | 60.7 | 69.8 | 56.9 | 69.2 | 63.3 | 67.8 | 61.4 |
| August | 71.2 | 61.5 | 68.2 | 58.3 | 72.2 | 59.6 | 70.2 | 55.6 | 70.9 | 60.2 | 69.2 | 61.9 |
| September | 68.4 | 55.8 | 63.5 | 53.1 | 66.4 | 54.0 | 63.9 | 50.7 | 68.1 | 54.3 | 66.3 | 56.0 |
| October | 66.8 | 55.5 | 60.7 | 52.4 | 65.4 | 53.2 | 61.9 | 49.6 | 64.9 | 55.1 | 64.3 | 55.5 |
| November | 66.3 | 56.6 | 64.2 | 55.4 | 64.0 | 55.1 | 63.1 | 51.6 | 66.9 | 57.4 | 65.0 | 58.8 |
| December | 63.9 | 52.1 | 60.2 | 50.6 | 66.3 | 50.9 | 61.7 | 47.2 | 65.5 | 53.8 | 63.1 | 54.1 |
| **1988 Average** | **65.7** | **56.1** | **63.0** | **53.9** | **66.6** | **54.8** | **65.0** | **51.8** | **66.1** | **56.9** | **64.3** | **56.8** |

See footnotes at end of table.

## Table 11. Refiner/Reseller Unleaded Motor Gasoline Prices by Sales Type (Continued)
(Cents per Gallon Excluding Taxes)

| Year Month | MN | | MO | | NE | | ND | | OH | | OK | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **94.2** | **86.2** | **92.8** | **85.0** | **96.2** | **84.8** | **100.8** | **86.2** | **92.9** | **85.4** | **93.8** | **83.7** |
| **1985 Average** | **96.7** | **87.4** | **92.6** | **85.3** | **98.4** | **86.0** | **102.0** | **86.1** | **93.2** | **84.8** | **94.5** | **84.5** |
| **1986** | | | | | | | | | | | | |
| January | 94.4 | 74.2 | 84.7 | 71.6 | 91.2 | 75.1 | 99.7 | 75.5 | 91.5 | 78.0 | 81.6 | 69.8 |
| February | 81.5 | 61.2 | 71.7 | 59.0 | 76.8 | 60.2 | 88.1 | 62.5 | 79.2 | 62.6 | 69.3 | 55.4 |
| March | 68.4 | 50.5 | 60.4 | 48.7 | 63.2 | 48.8 | 70.7 | 51.2 | 61.5 | 48.5 | 54.6 | 45.2 |
| April | 63.9 | 52.3 | 60.3 | 50.9 | 65.2 | 51.9 | 71.9 | 52.6 | 57.4 | 50.2 | 56.7 | 49.1 |
| May | 69.2 | 59.3 | 66.0 | 59.2 | 72.9 | 59.9 | 70.7 | 56.9 | 67.3 | 58.2 | 64.3 | 56.9 |
| June | 71.0 | 54.1 | 65.6 | 52.2 | 73.2 | 54.2 | 73.4 | 55.6 | 65.5 | 52.9 | 61.9 | 50.6 |
| July | 62.6 | 43.0 | 58.8 | 44.0 | 63.1 | 42.0 | 67.6 | 46.6 | 55.9 | 45.0 | 56.1 | 40.8 |
| August | 62.6 | 50.6 | 57.5 | 48.1 | 63.8 | 49.3 | 64.5 | 50.1 | 55.8 | 48.3 | 54.7 | 45.9 |
| September | 63.9 | 49.9 | 56.8 | 47.1 | 64.0 | 48.0 | 67.0 | 51.1 | 55.9 | 48.5 | 58.8 | 45.5 |
| October | 60.9 | 47.5 | 53.8 | 45.8 | 60.9 | 45.6 | 61.8 | 47.6 | 52.6 | 46.0 | 53.3 | 43.5 |
| November | 59.5 | 48.6 | 54.7 | 47.2 | 60.6 | 46.8 | 62.8 | 48.5 | 53.2 | 48.0 | 53.4 | 45.1 |
| December | 58.8 | 47.8 | 54.6 | 47.5 | 60.1 | 45.8 | 59.8 | 48.2 | 58.3 | 49.2 | 53.3 | 44.2 |
| **1986 Average** | **67.2** | **52.4** | **61.8** | **50.7** | **67.3** | **52.2** | **68.6** | **52.7** | **63.0** | **51.6** | **60.4** | **49.6** |
| **1987** | | | | | | | | | | | | |
| January | 62.8 | 53.0 | 60.3 | 52.8 | 62.1 | 52.0 | 66.5 | 52.7 | 65.1 | 55.4 | 58.7 | 49.7 |
| February | 62.0 | 51.8 | 61.6 | 52.7 | 62.6 | 51.8 | 67.4 | 53.8 | 63.4 | 56.8 | 60.5 | 49.8 |
| March | 63.2 | 54.5 | 62.3 | 55.2 | 65.3 | 54.1 | 67.5 | 55.2 | 63.7 | 55.5 | 60.9 | 51.6 |
| April | 66.1 | 57.2 | 64.7 | 55.7 | 67.5 | 55.4 | 70.7 | 56.8 | 65.9 | 56.4 | 64.1 | 53.4 |
| May | 66.9 | 59.3 | 66.1 | 58.3 | 69.7 | 57.6 | 72.9 | 59.2 | 66.9 | 58.3 | 64.9 | 55.6 |
| June | 71.9 | 62.4 | 69.0 | 61.0 | 71.6 | 60.0 | 73.5 | 62.2 | 68.5 | 60.1 | 66.5 | 58.1 |
| July | 74.7 | 66.1 | 70.5 | 62.6 | 74.5 | 62.2 | 76.0 | 66.5 | 70.4 | 62.4 | 69.3 | 59.4 |
| August | 75.9 | 66.1 | 71.2 | 62.6 | 74.3 | 62.1 | 79.0 | 68.6 | 70.6 | 61.9 | 71:3 | 60.8 |
| September | 75.5 | 61.4 | 70.5 | 58.0 | 71.7 | 57.6 | 78.6 | 62.6 | 67.8 | 57.3 | 69.8 | 55.6 |
| October | 74.2 | 61.8 | 70.4 | 59.1 | 70.5 | 58.8 | 76.2 | 63.5 | 65.7 | 57.3 | 67.5 | 55.7 |
| November | 73.5 | 61.2 | 70.2 | 57.5 | 70.5 | 58.1 | 75.9 | 62.7 | 67.1 | 57.4 | 68.7 | 54.5 |
| December | 70.0 | 52.5 | 66.8 | 50.6 | 65.8 | 48.3 | 70.8 | 52.4 | 65.1 | 52.6 | 64.6 | 48.2 |
| **1987 Average** | **69.9** | **59.4** | **67.3** | **57.3** | **69.0** | **56.9** | **72.5** | **60.4** | **66.9** | **57.6** | **66.2** | **54.7** |
| **1988** | | | | | | | | | | | | |
| January | 68.1 | 51.5 | 63.8 | 49.3 | 60.8 | 48.1 | 67.0 | 50.9 | 60.3 | 50.1 | 60.2 | 46.6 |
| February | 65.7 | 51.8 | 61.4 | 50.5 | 61.6 | 49.9 | 66.1 | 51.7 | 58.4 | 51.4 | 59.8 | 47.8 |
| March | 64.8 | 53.1 | 60.2 | 51.1 | 62.5 | 50.7 | 66.9 | 53.2 | 59.6 | 51.7 | 60.1 | 48.7 |
| April | 66.8 | 58.3 | 63.7 | 56.3 | 65.8 | 56.2 | 69.5 | 58.5 | 65.2 | 57.3 | 65.3 | 53.4 |
| May | 70.1 | 58.9 | 65.2 | 56.5 | 66.3 | 56.6 | 73.1 | 58.9 | 67.5 | 58.7 | 67.8 | 54.5 |
| June | 70.2 | 57.8 | 64.0 | 55.4 | 65.7 | 55.7 | 73.8 | 57.4 | 64.9 | 56.1 | 67.0 | 53.6 |
| July | 72.1 | 62.4 | 66.4 | 59.8 | 68.8 | 60.2 | 73.1 | 62.8 | 68.8 | 61.2 | 68.7 | 55.9 |
| August | 73.8 | 61.4 | 67.1 | 57.4 | 69.4 | 58.1 | 75.4 | 60.9 | 70.9 | 59.1 | 69.7 | 54.9 |
| September | 71.6 | 56.6 | 62.6 | 52.8 | 68.2 | 52.7 | 72.0 | 56.5 | 68.1 | 54.1 | 67.1 | 50.5 |
| October | 69.6 | 55.4 | 61.6 | 52.3 | 65.6 | 51.7 | 69.4 | 55.4 | 65.2 | 54.7 | 64.1 | 49.2 |
| November | 68.5 | 55.2 | 61.4 | 54.0 | 65.3 | 53.6 | 71.5 | 55.8 | 66.1 | 56.7 | 64.4 | 51.8 |
| December | 65.8 | 51.7 | 59.8 | 49.7 | 63.5 | 49.3 | 70.1 | 52.4 | 63.2 | 51.5 | 62.9 | 47.3 |
| **1988 Average** | **69.0** | **56.4** | **63.2** | **54.0** | **65.5** | **53.8** | **70.8** | **56.4** | **65.0** | **55.3** | **64.8** | **51.4** |

See footnotes at end of table.

# Table 11. Refiner/Reseller Unleaded Motor Gasoline Prices by Sales Type (Continued)

(Cents per Gallon Excluding Taxes)

| Year Month | SD | | TN | | WI | | PAD III Average | | AL | | AR | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **101.2** | **85.6** | **93.0** | **85.4** | **94.3** | **85.1** | **93.1** | **83.0** | **93.8** | **85.1** | **92.7** | **84.3** |
| **1985 Average** | **99.4** | **86.4** | **92.3** | **85.4** | **94.1** | **85.1** | **91.9** | **82.5** | **95.4** | **84.7** | **92.6** | **84.8** |
| **1986** | | | | | | | | | | | | |
| January | 96.2 | 73.9 | 89.4 | 75.3 | 89.5 | 73.3 | 90.4 | 73.1 | 93.5 | 74.9 | 86.8 | 73.1 |
| February | 87.0 | 60.2 | 82.1 | 63.6 | 76.2 | 59.2 | 82.0 | 59.6 | 82.8 | 64.8 | 75.9 | 59.4 |
| March | 70.8 | 49.7 | 68.0 | 51.7 | 61.9 | 47.4 | 67.9 | 48.2 | 65.6 | 50.4 | 65.1 | 49.0 |
| April | 65.2 | 51.7 | 61.8 | 52.2 | 60.5 | 49.5 | 59.4 | 47.4 | 61.8 | 51.3 | 64.5 | 51.5 |
| May | 68.4 | 57.6 | 63.9 | 57.5 | 66.7 | 59.0 | 61.5 | 53.2 | 65.4 | 56.3 | 65.3 | 58.7 |
| June | 67.2 | 53.5 | 64.4 | 52.0 | 67.2 | 51.9 | 62.3 | 49.8 | 66.3 | 51.3 | 65.1 | 53.9 |
| July | 60.1 | 46.1 | 59.4 | 42.0 | 54.4 | 40.7 | 58.3 | 41.8 | 65.7 | 41.7 | 55.0 | 42.5 |
| August | 63.2 | 49.4 | 56.7 | 46.9 | 56.6 | 47.2 | 55.0 | 44.0 | 61.4 | 46.1 | 54.1 | 46.9 |
| September | 62.0 | 48.9 | 58.0 | 47.1 | 57.2 | 47.2 | 55.7 | 44.7 | 61.9 | 45.4 | 57.4 | 46.8 |
| October | 58.6 | 46.2 | 54.0 | 45.7 | 54.8 | 45.3 | 53.2 | 42.9 | 58.1 | 44.3 | 54.8 | 44.9 |
| November | 57.9 | 46.8 | 54.5 | 46.0 | 54.8 | 46.9 | 52.8 | 43.7 | 58.6 | 45.4 | 54.0 | 46.0 |
| December | 57.1 | 46.7 | 55.5 | 47.2 | 54.7 | 46.8 | 53.3 | 44.7 | 59.6 | 46.3 | 54.9 | 46.3 |
| **1986 Average** | **66.6** | **52.1** | **63.7** | **51.1** | **62.8** | **50.3** | **62.2** | **49.1** | **66.5** | **51.6** | **61.6** | **51.1** |
| **1987** | | | | | | | | | | | | |
| January | 61.8 | 52.4 | 59.4 | 53.0 | 60.7 | 52.8 | 58.9 | 50.1 | 65.7 | 52.5 | 61.2 | 52.1 |
| February | 62.3 | 53.0 | 61.8 | 53.6 | 59.7 | 51.7 | 61.6 | 51.6 | 66.5 | 52.7 | 63.5 | 52.1 |
| March | 64.1 | 55.2 | 62.2 | 54.2 | 61.6 | 54.7 | 61.9 | 52.1 | 66.6 | 54.2 | 62.8 | 53.4 |
| April | 65.7 | 56.7 | 63.9 | 55.6 | 64.0 | 55.7 | 63.3 | 53.6 | 67.9 | 55.2 | 65.2 | 54.9 |
| May | 69.8 | 53.7 | 65.7 | 58.3 | 64.7 | 57.7 | 64.7 | 55.2 | 68.2 | 55.9 | 66.2 | 57.3 |
| June | 71.5 | 61.1 | 67.1 | 59.3 | 67.0 | 60.2 | 66.6 | 56.5 | 69.0 | 58.7 | 69.2 | 58.8 |
| July | 76.4 | 64.5 | 68.0 | 61.2 | 70.8 | 63.2 | 68.5 | 58.0 | 69.3 | 60.5 | 72.4 | 60.9 |
| August | 75.5 | 65.8 | 69.2 | 60.4 | 73.5 | 63.3 | 70.1 | 58.7 | 70.6 | 60.3 | 70.4 | 60.7 |
| September | 75.1 | 61.6 | 68.0 | 57.0 | 71.7 | 58.6 | 69.3 | 54.5 | 70.1 | 56.1 | 69.3 | 56.5 |
| October | 75.3 | 62.0 | 67.2 | 57.5 | 69.4 | 58.8 | 67.8 | 55.1 | 68.6 | 55.9 | 68.5 | 56.7 |
| November | 73.8 | 61.5 | 66.0 | 56.5 | 69.5 | 58.0 | 67.5 | 54.3 | 68.0 | 55.3 | 65.6 | 55.9 |
| December | 68.0 | 51.8 | 62.6 | 51.7 | 65.0 | 50.7 | 66.2 | 49.3 | 66.3 | 50.0 | 62.1 | 49.6 |
| **1987 Average** | **70.0** | **58.5** | **65.2** | **56.7** | **67.2** | **57.5** | **65.9** | **54.2** | **68.1** | **55.7** | **66.4** | **56.0** |
| **1988** | | | | | | | | | | | | |
| January | 64.7 | 49.4 | 59.9 | 49.9 | 60.8 | 49.9 | 64.0 | 47.0 | 63.8 | 48.7 | 60.5 | 47.9 |
| February | 62.7 | 50.1 | 58.6 | 50.9 | 60.8 | 51.6 | 62.5 | 48.1 | 62.4 | 50.1 | 59.9 | 49.3 |
| March | 63.9 | 51.6 | 58.0 | 50.9 | 58.8 | 52.0 | 61.4 | 48.6 | 61.8 | 50.4 | 61.8 | 50.4 |
| April | 66.7 | 56.7 | 63.5 | 56.7 | 64.9 | 57.1 | 63.8 | 52.0 | 65.6 | 55.7 | 64.9 | 55.5 |
| May | 67.7 | 58.8 | 65.1 | 57.2 | 65.4 | 57.0 | 66.1 | 54.1 | 67.8 | 55.9 | 65.9 | 56.0 |
| June | 68.5 | 57.5 | 65.6 | 56.4 | 64.8 | 54.9 | 66.0 | 53.4 | 67.5 | 55.0 | 66.3 | 54.6 |
| July | 71.2 | 60.8 | 68.6 | 60.6 | 69.0 | 62.6 | 67.9 | 56.1 | 69.8 | 58.5 | 67.6 | 59.1 |
| August | 71.2 | 61.6 | 70.2 | 56.6 | 70.9 | 62.0 | 69.6 | 54.0 | 69.8 | 55.2 | 68.4 | 56.7 |
| September | 70.3 | 56.8 | 68.2 | 51.1 | 66.0 | 55.0 | 68.1 | 50.3 | 68.1 | 50.7 | 65.1 | 52.3 |
| October | 68.6 | 54.3 | 65.5 | 52.0 | 63.5 | 54.4 | 66.6 | 49.6 | 66.1 | 51.9 | 63.1 | 51.6 |
| November | 67.7 | 54.7 | 64.5 | 53.8 | 64.6 | 55.4 | 65.3 | 51.4 | 64.7 | 54.1 | 62.7 | 53.1 |
| December | 66.5 | 51.6 | 63.8 | 49.9 | 61.1 | 51.0 | 64.4 | 47.9 | 65.7 | 49.7 | 60.0 | 50.1 |
| **1988 Average** | **67.8** | **55.8** | **64.6** | **54.1** | **64.4** | **55.5** | **65.5** | **51.2** | **66.1** | **53.1** | **64.0** | **53.2** |

See footnotes at end of table.

## Table 11. Refiner/Reseller Unleaded Motor Gasoline Prices by Sales Type (Continued)

(Cents per Gallon Excluding Taxes)

| Year Month | LA | | MS | | NM | | TX | | PAD IV Average | | CO | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **92.9** | **83.4** | **95.2** | **83.5** | **96.7** | **87.5** | **92.6** | **82.1** | **92.9** | **84.4** | **91.7** | **83.3** |
| **1985 Average** | **91.2** | **82.4** | **95.0** | **82.7** | **97.6** | **88.8** | **91.0** | **81.4** | **95.0** | **84.7** | **96.5** | **85.1** |
| **1986** | | | | | | | | | | | | |
| January | 89.3 | 73.6 | 91.9 | 73.0 | 96.6 | 84.5 | 90.1 | 72.0 | 89.9 | 76.8 | 87.9 | 73.3 |
| February | 82.7 | 61.5 | 83.4 | 60.3 | 90.2 | 69.3 | 81.7 | 57.9 | 78.6 | 63.3 | 75.6 | 59.3 |
| March | 69.3 | 51.0 | 70.4 | 48.7 | 71.6 | 54.5 | 67.9 | 46.6 | 61.6 | 49.7 | 60.6 | 47.8 |
| April | 58.7 | 46.3 | 67.0 | 46.1 | 67.6 | 53.8 | 57.4 | 46.4 | 61.6 | 49.4 | 61.4 | 49.0 |
| May | 62.8 | 52.9 | 71.9 | 54.1 | 69.2 | 56.8 | 58.9 | 51.9 | 64.2 | 52.1 | 64.9 | 52.6 |
| June | 63.7 | 49.5 | 68.5 | 51.0 | 69.7 | 58.8 | 60.1 | 48.6 | 68.8 | 57.5 | 68.9 | 56.1 |
| July | 60.0 | 42.8 | 63.4 | 42.1 | 67.4 | 54.2 | 56.7 | 40.8 | 62.0 | 49.4 | 58.6 | 44.4 |
| August | 53.7 | 46.3 | 62.1 | 44.4 | 62.1 | 52.9 | 53.5 | 42.3 | 59.7 | 47.8 | 59.7 | 47.2 |
| September | 56.0 | 44.2 | 60.0 | 43.8 | 60.3 | 53.9 | 54.1 | 44.1 | 60.5 | 49.4 | 61.9 | 49.4 |
| October | 50.6 | 42.9 | 57.8 | 43.4 | 58.4 | 51.5 | 52.0 | 42.0 | 56.0 | 46.2 | 56.7 | 45.5 |
| November | 50.5 | 44.2 | 58.4 | 44.2 | 58.4 | 49.9 | 51.4 | 42.8 | 57.4 | 46.0 | 57.9 | 45.9 |
| December | 51.0 | 43.9 | 60.2 | 44.8 | 57.7 | 51.1 | 51.7 | 44.1 | 56.8 | 44.8 | 56.9 | 44.1 |
| **1986 Average** | **62.4** | **49.7** | **67.2** | **49.6** | **68.8** | **57.2** | **60.8** | **47.8** | **64.6** | **52.3** | **64.1** | **50.8** |
| **1987** | | | | | | | | | | | | |
| January | 55.2 | 50.3 | 67.0 | 50.9 | 62.9 | 54.5 | 57.1 | 49.1 | 60.3 | 49.2 | 61.5 | 49.8 |
| February | 59.4 | 52.6 | 66.6 | 52.7 | 66.5 | 56.7 | 60.3 | 50.8 | 64.3 | 52.1 | 65.3 | 51.6 |
| March | 59.5 | 52.2 | 68.1 | 53.9 | 67.9 | 58.5 | 60.5 | 51.3 | 63.5 | 53.3 | 63.7 | 52.7 |
| April | 60.5 | 54.3 | 68.3 | 55.3 | 70.4 | 60.8 | 62.1 | 52.7 | 65.7 | 54.0 | 66.8 | 54.6 |
| May | 62.4 | 56.2 | 69.1 | 55.1 | 72.2 | 61.8 | 63.6 | 54.4 | 66.2 | 55.3 | 67.3 | 56.2 |
| June | 63.7 | 56.5 | 71.2 | 56.0 | 75.7 | 64.9 | 65.6 | 55.7 | 70.3 | 58.8 | 71.8 | 59.9 |
| July | 64.6 | 58.9 | 71.8 | 57.5 | 78.5 | 67.4 | 67.8 | 57.1 | 72.9 | 62.1 | 74.1 | 63.4 |
| August | 67.5 | 58.6 | 71.7 | 58.4 | 78.2 | 70.6 | 69.7 | 57.8 | 80.2 | 67.4 | 83.9 | 69.7 |
| September | 65.2 | 55.4 | 71.3 | 54.5 | 78.3 | 70.3 | 69.0 | 53.5 | 77.1 | 67.1 | 78.6 | 66.5 |
| October | 64.9 | 54.6 | 70.3 | 54.3 | 79.2 | 68.5 | 67.1 | 54.2 | 73.2 | 63.3 | 71.8 | 60.3 |
| November | 64.4 | 54.5 | 69.4 | 53.4 | 78.1 | 66.7 | 67.0 | 53.4 | 71.1 | 60.8 | 69.1 | 57.7 |
| December | 62.9 | 50.1 | 67.8 | 49.0 | 74.9 | 60.6 | 66.2 | 48.6 | 66.6 | 56.3 | 62.7 | 53.3 |
| **1987 Average** | **62.9** | **54.4** | **69.5** | **54.3** | **75.3** | **63.8** | **65.1** | **53.4** | **69.5** | **58.7** | **70.0** | **58.1** |
| **1988** | | | | | | | | | | | | |
| January | 61.0 | 48.0 | 65.8 | 46.8 | 71.5 | 55.7 | 64.0 | 46.2 | 65.1 | 52.9 | 62.0 | 51.4 |
| February | 59.7 | 48.0 | 64.9 | 47.8 | 68.7 | 54.7 | 62.5 | 47.4 | 62.7 | 51.6 | 60.0 | 51.6 |
| March | 58.2 | 48.1 | 65.8 | 48.2 | 67.3 | 55.7 | 61.0 | 48.0 | 61.6 | 51.6 | 59.8 | 51.3 |
| April | 60.8 | 51.3 | 68.0 | 52.0 | 69.0 | 58.6 | 63.2 | 51.0 | 65.3 | 56.2 | 65.2 | 56.8 |
| May | 63.2 | 54.4 | 68.4 | 54.1 | 70.9 | 60.0 | 65.7 | 53.3 | 68.7 | 58.1 | 68.8 | 57.9 |
| June | 63.1 | 53.3 | 67.4 | 52.2 | 71.7 | 60.9 | 65.6 | 53.0 | 68.5 | 57.8 | 67.1 | 56.6 |
| July | 65.5 | 55.7 | 69.5 | 56.4 | 72.4 | 62.2 | 67.6 | 55.2 | 69.7 | 60.2 | 68.7 | 60.1 |
| August | 68.2 | 55.0 | 72.0 | 53.8 | 74.8 | 63.3 | 69.3 | 53.0 | 72.3 | 63.1 | 71.0 | 61.4 |
| September | 66.6 | 51.3 | 69.7 | 50.2 | 75.9 | 63.0 | 67.8 | 49.2 | 70.8 | 61.4 | 67.5 | 58.5 |
| October | 66.6 | 52.1 | 68.8 | 50.4 | 74.9 | 58.5 | 65.9 | 48.3 | 69.4 | 58.3 | 67.2 | 57.2 |
| November | 65.5 | 52.8 | 67.5 | 51.8 | 73.7 | 57.7 | 64.5 | 50.2 | 65.5 | 53.0 | 63.9 | 51.0 |
| December | 65.5 | 48.4 | 66.7 | 47.3 | 71.9 | 57.0 | 63.4 | 47.0 | 62.5 | 50.1 | 60.7 | 48.5 |
| **1988 Average** | **63.7** | **51.7** | **67.9** | **50.8** | **71.9** | **59.1** | **65.1** | **50.3** | **67.0** | **56.5** | **65.3** | **55.5** |

See footnotes at end of table.

# Table 11. Refiner/Reseller Unleaded Motor Gasoline Prices by Sales Type (Continued)

(Cents per Gallon Excluding Taxes)

| Year Month | ID | | MT | | UT | | WY | | PAD V Average | | AK | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **96.7** | **87.8** | **94.5** | **83.4** | **91.7** | **83.7** | **99.8** | **86.2** | **95.3** | **86.5** | **96.7** | **88.0** |
| **1985 Average** | **95.8** | **85.8** | **94.5** | **83.7** | **91.3** | **83.3** | **97.1** | **86.6** | **93.4** | **86.3** | **103.5** | **90.7** |
| **1986** | | | | | | | | | | | | |
| January | 96.9 | 83.4 | 89.6 | 76.3 | 92.2 | 79.7 | 93.1 | 79.2 | 89.6 | 80.7 | 121.0 | 93.8 |
| February | 90.4 | 69.9 | 76.8 | 63.2 | 82.4 | 67.1 | 82.4 | 64.0 | 83.3 | 73.3 | 121.1 | 93.6 |
| March | 70.3 | 53.7 | 62.7 | 50.8 | 59.3 | 49.3 | 70.0 | 52.3 | 72.5 | 61.1 | 116.5 | 86.2 |
| April | 66.9 | 51.7 | 61.8 | 49.5 | 58.5 | 47.7 | 68.3 | 51.9 | 70.3 | 63.8 | 102.5 | 72.0 |
| May | 65.3 | 52.8 | 61.3 | 52.0 | 62.1 | 50.4 | 68.3 | 53.0 | 73.4 | 66.5 | 94.9 | 65.5 |
| June | 70.3 | 59.2 | 68.5 | 57.2 | 68.8 | 59.4 | 67.2 | 57.9 | 72.5 | 63.4 | 94.8 | 66.0 |
| July | 67.4 | 56.2 | 63.4 | 51.2 | 66.3 | 53.7 | 69.6 | 50.0 | 65.0 | 55.3 | 84.9 | 64.8 |
| August | 62.0 | 51.1 | 60.3 | 47.7 | 56.2 | 46.9 | 65.0 | 48.3 | 60.5 | 53.4 | 86.0 | 64.1 |
| September | 60.4 | 51.0 | 58.8 | 50.2 | 55.8 | 47.7 | 63.4 | 50.1 | 60.8 | 53.1 | 86.4 | 66.0 |
| October | 58.2 | 49.5 | 56.8 | 46.3 | 50.7 | 45.5 | 63.3 | 47.2 | 55.8 | 47.0 | W | 55.6 |
| November | 57.2 | 48.5 | 55.8 | 45.3 | 55.7 | 44.9 | 61.0 | 46.4 | 53.0 | 47.1 | 85.2 | 61.9 |
| December | 58.0 | 47.5 | 55.1 | 45.5 | 55.6 | 43.8 | 60.1 | 46.6 | 53.9 | 46.1 | 85.1 | 54.6 |
| **1986 Average** | **67.6** | **55.8** | **64.9** | **52.4** | **63.4** | **52.4** | **69.1** | **53.5** | **67.7** | **59.9** | **97.7** | **68.6** |
| **1987** | | | | | | | | | | | | |
| January | 60.0 | 48.8 | 59.6 | 51.2 | 56.5 | 47.1 | 63.7 | 49.8 | 58.0 | 51.6 | 76.0 | 48.9 |
| February | 63.0 | 53.3 | 61.3 | 53.4 | 62.4 | 52.9 | 66.2 | 49.8 | 64.8 | 58.4 | 80.9 | 61.5 |
| March | 64.6 | 54.3 | 62.1 | 54.3 | 62.2 | 53.5 | 66.9 | 54.0 | 66.5 | 59.0 | 79.6 | 61.6 |
| April | 64.1 | 54.4 | 63.3 | 55.2 | 63.9 | 51.7 | 66.1 | 54.8 | 67.8 | 60.7 | 81.3 | 63.9 |
| May | 64.3 | 54.8 | 65.7 | 56.5 | 63.3 | 52.8 | 69.1 | 56.1 | 68.8 | 61.6 | 79.7 | 66.2 |
| June | 68.1 | 58.5 | 68.3 | 58.8 | 67.5 | 56.8 | 69.7 | 59.4 | 68.9 | 60.3 | NA | 66.7 |
| July | 69.3 | 62.0 | 71.0 | 61.6 | 70.9 | 60.0 | 73.9 | 62.5 | 68.6 | 59.8 | 96.7 | 69.0 |
| August | 73.8 | 66.4 | 75.1 | 64.6 | 74.1 | 66.1 | 77.8 | 66.9 | 70.5 | 62.7 | 102.4 | 73.6 |
| September | 77.9 | 69.5 | 76.7 | 65.6 | 72.6 | 68.1 | 76.1 | 66.9 | 70.0 | 62.6 | 101.9 | 73.6 |
| October | 78.4 | 67.9 | 75.0 | 64.8 | 72.5 | 64.5 | 76.0 | 63.6 | 70.4 | 62.9 | NA | 73.7 |
| November | 78.5 | 65.5 | 73.9 | 62.3 | 71.3 | 62.2 | 73.6 | 60.8 | 68.0 | 60.7 | 93.4 | 71.5 |
| December | 74.7 | 61.0 | 73.3 | 55.8 | 70.5 | 59.3 | 70.8 | 54.3 | 66.2 | 58.3 | NA | 62.6 |
| **1987 Average** | **69.5** | **60.2** | **69.6** | **59.4** | **67.0** | **58.2** | **71.7** | **59.1** | **67.6** | **60.0** | **92.5** | **65.0** |
| **1988** | | | | | | | | | | | | |
| January | 72.0 | 56.2 | 69.2 | 51.2 | 70.2 | 54.8 | 67.7 | 51.5 | 65.5 | 55.7 | 89.6 | 67.4 |
| February | 67.6 | 52.8 | 65.5 | 49.7 | 67.3 | 52.2 | 65.3 | 50.5 | 63.9 | 54.7 | NA | 57.2 |
| March | 64.2 | 52.4 | 64.4 | 51.5 | 64.2 | 51.8 | 65.2 | 51.1 | 63.8 | 55.6 | NA | 67.6 |
| April | 66.5 | 56.4 | 66.1 | 56.3 | 64.0 | 55.1 | 67.3 | 55.8 | 68.4 | 60.9 | NA | 68.5 |
| May | 69.2 | 59.4 | 69.1 | 58.6 | 67.9 | 57.2 | 69.4 | 58.2 | 70.2 | 62.1 | NA | 70.3 |
| June | 70.3 | 60.0 | 69.5 | 59.5 | 70.2 | 57.2 | 71.3 | 58.3 | 70.9 | 62.8 | NA | 70.9 |
| July | 70.7 | 60.8 | 71.6 | 61.5 | 70.3 | 58.6 | 72.9 | 61.1 | 70.9 | 62.6 | 90.0 | 70.4 |
| August | 73.7 | 65.0 | 74.3 | 63.6 | 74.3 | 63.6 | 74.9 | 64.4 | 71.3 | 63.5 | NA | 70.4 |
| September | 74.9 | 63.7 | 74.3 | 63.3 | 75.3 | 62.2 | 76.4 | 63.4 | 71.9 | 61.9 | 91.9 | 74.7 |
| October | 70.8 | 59.5 | 72.5 | 60.0 | 71.7 | 57.2 | 75.2 | 60.1 | 69.6 | 57.4 | 86.3 | 73.0 |
| November | 66.7 | 55.4 | 68.9 | 53.8 | 66.1 | 53.3 | 72.9 | 54.4 | 66.6 | 54.6 | 89.8 | 73.0 |
| December | 65.0 | 52.1 | 65.5 | 50.6 | 62.9 | 50.2 | 70.3 | 51.6 | 64.4 | 52.8 | 91.3 | 72.8 |
| **1988 Average** | **69.3** | **58.1** | **69.6** | **57.2** | **68.8** | **56.4** | **70.9** | **57.3** | **68.1** | **58.8** | **92.0** | **69.7** |

See footnotes at end of table.

# Table 11. Refiner/Reseller Unleaded Motor Gasoline Prices by Sales Type (Continued)

(Cents per Gallon Excluding Taxes)

| Year Month | AR | | CA | | HI | | NV | | OR | | WA | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **95.9** | **85.3** | **95.3** | **86.5** | **107.2** | **93.6** | **93.1** | **85.9** | **96.3** | **86.2** | **93.5** | **86.6** |
| **1985 Average** | **95.4** | **87.0** | **92.4** | **86.1** | **108.9** | **94.3** | **92.5** | **86.7** | **96.6** | **86.3** | **93.1** | **85.7** |
| **1986** | | | | | | | | | | | | |
| January | 88.9 | 81.5 | 87.7 | 81.0 | 110.9 | 93.5 | 91.1 | 83.3 | 95.2 | 77.1 | 91.0 | 82.8 |
| February | 85.7 | 76.6 | 81.1 | 71.7 | 108.6 | 91.0 | 84.9 | 73.7 | 84.9 | 74.8 | 85.6 | 74.9 |
| March | 77.5 | 65.1 | 71.2 | 60.8 | 97.3 | 79.6 | 74.1 | 61.7 | 72.3 | 56.2 | 69.4 | 56.8 |
| April | 75.1 | 63.9 | 70.5 | 64.8 | 87.7 | 73.8 | 72.6 | 64.8 | 68.8 | 57.2 | 64.1 | 56.5 |
| May | 75.7 | 65.8 | 74.4 | 67.8 | 87.4 | 73.3 | 73.1 | 66.3 | 71.6 | 61.4 | 66.7 | 59.8 |
| June | 73.6 | 62.4 | 72.9 | 63.5 | 89.8 | 74.8 | 72.0 | 62.3 | 72.8 | 62.4 | 68.1 | 61.2 |
| July | 65.1 | 54.0 | 63.2 | 54.4 | 85.9 | 69.7 | 63.7 | 54.3 | 70.1 | 58.0 | 66.3 | 56.9 |
| August | 60.0 | 51.5 | 58.8 | 52.9 | 81.4 | 65.6 | 57.8 | 51.6 | 64.7 | 54.6 | 62.6 | 53.7 |
| September | 58.7 | 50.1 | 59.6 | 52.6 | 83.1 | 67.0 | 58.7 | 50.7 | 64.5 | 54.3 | 61.8 | 53.9 |
| October | 52.6 | 44.3 | 54.2 | 46.4 | 81.2 | 64.5 | 56.3 | 45.5 | 58.3 | 47.8 | 57.9 | 47.8 |
| November | 50.7 | 43.7 | 51.8 | 47.0 | 79.4 | 62.6 | 55.1 | 45.3 | 53.9 | 47.0 | 54.2 | 45.8 |
| December | 54.4 | 44.7 | 52.9 | 45.8 | 77.8 | 59.5 | 52.3 | 44.0 | 54.0 | 46.4 | 53.9 | 44.9 |
| **1986 Average** | **69.3** | **58.6** | **66.8** | **59.5** | **87.9** | **72.8** | **67.6** | **58.5** | **69.0** | **61.6** | **66.5** | **57.9** |
| **1987** | | | | | | | | | | | | |
| January | 61.4 | 51.5 | 57.6 | 52.3 | 78.0 | 61.7 | 54.7 | 48.4 | 56.9 | 49.5 | 56.3 | 47.4 |
| February | 69.6 | 58.8 | 65.7 | 59.7 | 86.1 | 71.3 | 59.7 | 52.5 | 60.5 | 52.9 | 59.8 | 51.0 |
| March | 72.1 | 62.0 | 67.5 | 59.7 | 85.9 | 73.4 | 62.5 | 54.4 | 60.9 | 53.6 | 61.2 | 52.2 |
| April | 75.9 | 65.6 | 68.8 | 61.8 | 82.9 | 74.2 | 64.9 | 56.8 | 61.8 | 53.9 | 62.1 | 52.7 |
| May | 77.4 | 66.2 | 70.2 | 62.9 | 85.7 | 78.1 | 66.5 | 57.9 | 61.7 | 54.0 | 62.7 | 53.3 |
| June | 75.1 | 65.4 | 69.9 | 60.9 | 84.6 | 78.2 | 62.7 | 57.8 | 61.1 | 53.7 | 63.4 | 54.1 |
| July | 73.3 | 63.7 | 68.8 | 60.2 | 88.7 | 78.1 | 61.0 | 57.0 | 64.7 | 55.5 | 65.3 | 55.1 |
| August | 73.9 | 65.0 | 70.4 | 62.8 | 91.1 | 80.9 | 60.9 | 59.1 | 68.0 | 60.1 | 68.3 | 59.1 |
| September | 71.5 | 64.4 | 69.8 | 62.4 | 90.8 | 78.6 | 60.2 | 58.9 | 69.7 | 62.0 | 69.8 | 60.3 |
| October | 71.5 | 63.5 | 69.8 | 62.6 | 90.9 | 80.6 | 61.6 | 59.5 | 70.7 | 63.0 | 70.9 | 61.9 |
| November | 68.7 | 60.9 | 66.9 | 60.3 | 88.9 | 78.0 | 60.7 | 56.9 | 69.6 | 61.7 | 70.3 | 59.6 |
| December | 67.2 | 58.1 | 64.8 | 57.9 | 87.8 | 77.9 | 57.1 | 53.8 | 69.1 | 60.3 | 69.1 | 58.0 |
| **1987 Average** | **71.4** | **62.0** | **67.7** | **60.3** | **86.8** | **75.8** | **61.0** | **56.3** | **64.8** | **56.8** | **65.1** | **55.6** |
| **1988** | | | | | | | | | | | | |
| January | 66.0 | 55.4 | 64.7 | 55.2 | 86.3 | 74.4 | 56.5 | 51.7 | 67.4 | 58.1 | 67.0 | 55.0 |
| February | 64.1 | 53.2 | 63.0 | 54.7 | 84.8 | 75.6 | 57.8 | 50.5 | 65.0 | 56.0 | 65.2 | 52.6 |
| March | 62.8 | 53.1 | 63.6 | 56.0 | 84.6 | 75.1 | 58.7 | 51.8 | 64.4 | 55.5 | 63.6 | 51.6 |
| April | 66.7 | 57.3 | 69.9 | 62.2 | 86.7 | 78.7 | 62.7 | 58.0 | 65.7 | 57.4 | 64.5 | 53.7 |
| May | 67.4 | 57.5 | 72.1 | 63.5 | 87.2 | 81.6 | 66.5 | 59.0 | 67.3 | 59.2 | 66.1 | 55.5 |
| June | 67.5 | 58.3 | 73.0 | 64.4 | 87.9 | 81.4 | 68.4 | 60.1 | 68.1 | 59.5 | 65.8 | 55.9 |
| July | 67.5 | 58.0 | 73.1 | 63.7 | 88.3 | 80.7 | 70.4 | 61.5 | 68.1 | 60.3 | 65.6 | 56.8 |
| August | 66.6 | 58.0 | 73.4 | 65.1 | 86.7 | 80.5 | 70.3 | 62.6 | 68.5 | 60.5 | 66.6 | 57.3 |
| September | 68.2 | 57.8 | 74.2 | 62.3 | 87.2 | 79.5 | 71.0 | 60.6 | 68.9 | 61.8 | 66.6 | 57.8 |
| October | 66.7 | 54.6 | 71.1 | 57.1 | 87.3 | 80.4 | 68.6 | 55.2 | 68.2 | 59.4 | 66.0 | 55.9 |
| November | 65.1 | 52.8 | 66.7 | 54.1 | 86.2 | 77.1 | 65.2 | 52.4 | 68.0 | 56.9 | 64.4 | 53.2 |
| December | 63.8 | 51.6 | 63.9 | 52.4 | 85.3 | 74.5 | 62.6 | 50.2 | 67.2 | 56.0 | 62.5 | 49.7 |
| **1988 Average** | **66.0** | **55.7** | **69.1** | **59.2** | **86.6** | **78.3** | **65.0** | **56.3** | **67.3** | **58.5** | **65.3** | **54.6** |

NA = Not Available.

W = Withheld to avoid disclosure of individual company data.

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

# Table 12. Refiner/Reseller Premium Motor Gasoline Prices by Sales Type

(Cents per Gallon Excluding Taxes)

| Year Month | U.S. Average | | PAD I Average | | PAD IA Average | | CT | | ME | | MA | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **101.8** | **92.4** | **102.5** | **92.4** | **105.7** | **92.7** | **108.9** | **93.2** | **104.8** | **91.4** | **104.4** | **92.3** |
| **1985 Average** | **102.3** | **92.8** | **104.2** | **93.3** | **106.8** | **95.2** | **107.3** | **95.4** | **107.5** | **94.3** | **106.8** | **95.0** |
| **1986** | | | | | | | | | | | | |
| January | 101.1 | 86.6 | 103.4 | 88.1 | 107.3 | 92.9 | 107.6 | 94.1 | 107.9 | 90.9 | 107.5 | 92.5 |
| February | 93.0 | 76.3 | 97.1 | 78.7 | 102.7 | 84.6 | 101.6 | 86.0 | 103.9 | 81.5 | 103.2 | 84.1 |
| March | 78.4 | 63.1 | 82.8 | 64.9 | 90.2 | 69.5 | 91.7 | 72.0 | 89.7 | 64.1 | 90.4 | 68.8 |
| April | 72.3 | 60.8 | 74.0 | 59.7 | 77.8 | 61.7 | 80.0 | 63.7 | 77.6 | 57.1 | 76.8 | 61.1 |
| May | 75.8 | 66.3 | 76.9 | 65.4 | 80.4 | 67.6 | 83.5 | 69.1 | 83.5 | 67.9 | 77.9 | 66.4 |
| June | 76.2 | 63.3 | 77.4 | 62.3 | 81.1 | 66.1 | 82.4 | 67.1 | 84.7 | 63.7 | 79.1 | 65.7 |
| July | 70.7 | 54.6 | 71.9 | 54.1 | 73.5 | 56.5 | 72.3 | 58.9 | 78.6 | 51.9 | 72.4 | 55.7 |
| August | 68.6 | 56.0 | 69.6 | 55.6 | 71.7 | 56.9 | 72.2 | 58.1 | 75.7 | 55.4 | 69.4 | 56.3 |
| September | 68.8 | 56.8 | 69.7 | 56.9 | 72.2 | 60.1 | 73.0 | 60.9 | 75.1 | 58.3 | 70.0 | 59.6 |
| October | 66.0 | 54.3 | 67.8 | 55.5 | 71.7 | 59.4 | 71.9 | 59.8 | 73.4 | 57.3 | 70.6 | 59.5 |
| November | 66.2 | 55.3 | 68.0 | 56.3 | 72.1 | 60.1 | 72.1 | 60.3 | 72.6 | 57.9 | 71.4 | 60.1 |
| December | 66.9 | 55.8 | 68.7 | 57.1 | 72.6 | 61.1 | 71.7 | 61.6 | 74.6 | 58.8 | 72.0 | 60.8 |
| **1986 Average** | **74.6** | **61.7** | **76.1** | **62.1** | **79.1** | **65.2** | **80.2** | **66.6** | **81.3** | **62.2** | **77.8** | **64.7** |
| **1987** | | | | | | | | | | | | |
| January | 71.5 | 61.2 | 72.7 | 61.9 | 74.9 | 65.6 | 75.7 | 66.1 | 76.2 | 63.9 | 74.4 | 65.2 |
| February | 74.2 | 63.4 | 75.3 | 63.5 | 76.9 | 66.4 | 77.9 | 67.8 | 80.2 | 63.9 | 75.2 | 65.6 |
| March | 75.1 | 64.6 | 76.0 | 64.9 | 77.2 | 67.6 | 76.0 | 69.0 | 80.8 | 64.9 | 76.6 | 67.0 |
| April | 76.6 | 66.1 | 77.6 | 66.7 | 79.9 | 69.2 | 80.4 | 71.0 | 81.4 | 65.7 | 78.5 | 68.5 |
| May | 77.7 | 67.8 | 78.7 | 68.6 | 81.1 | 70.8 | 81.3 | 72.3 | 81.8 | 68.0 | 79.9 | 70.4 |
| June | 79.3 | 69.2 | 80.7 | 70.1 | 83.4 | 72.9 | 82.4 | 74.6 | 83.6 | 70.5 | 82.8 | 72.2 |
| July | 81.1 | 71.0 | 82.6 | 72.1 | 85.7 | 74.7 | 86.0 | 78.0 | 85.5 | 71.5 | 84.3 | 73.5 |
| August | 82.9 | 71.9 | 84.5 | 72.6 | 87.8 | 76.0 | 87.3 | 78.7 | 87.0 | 70.6 | 87.1 | 75.7 |
| September | 82.1 | 69.4 | 84.3 | 69.8 | 87.6 | 73.0 | 88.4 | 75.3 | 86.1 | 69.3 | 87.2 | 73.3 |
| October | 81.4 | 69.0 | 83.5 | 69.8 | 87.0 | 73.7 | 86.2 | 74.9 | 86.6 | 70.5 | 86.7 | 74.7 |
| November | 80.9 | 68.6 | 83.2 | 69.6 | 87.3 | 74.5 | 86.0 | 74.0 | 87.5 | 71.1 | 87.0 | 75.5 |
| December | 79.0 | 64.7 | 81.8 | 66.4 | 86.8 | 72.1 | 84.5 | 72.5 | 86.4 | 66.7 | 87.0 | 73.0 |
| **1987 Average** | **78.8** | **67.4** | **80.5** | **68.2** | **83.5** | **71.8** | **82.4** | **73.0** | **84.1** | **68.5** | **83.2** | **71.7** |
| **1988** | | | | | | | | | | | | |
| January | 77.2 | 62.9 | 80.2 | 64.2 | 86.0 | 69.8 | 85.6 | 70.4 | 84.7 | 63.7 | 86.2 | 70.7 |
| February | 75.7 | 63.0 | 78.5 | 64.4 | 85.0 | 69.2 | 84.1 | 69.1 | 83.0 | 63.9 | 85.4 | 70.6 |
| March | 74.9 | 63.0 | 77.4 | 64.5 | 83.7 | 67.9 | 82.8 | 67.4 | 80.7 | 63.7 | 84.1 | 69.4 |
| April | 77.8 | 67.2 | 79.0 | 67.8 | 84.3 | 71.0 | 84.3 | 70.5 | 82.7 | 66.5 | 84.1 | 72.4 |
| May | 79.8 | 68.7 | 80.8 | 69.7 | 85.5 | 74.0 | 84.9 | 74.0 | 84.7 | 69.3 | 85.0 | 75.5 |
| June | 79.6 | 68.8 | 81.0 | 69.9 | 86.6 | 74.3 | 86.6 | 73.8 | 84.5 | 69.9 | 86.1 | 75.8 |
| July | 81.8 | 72.0 | 83.1 | 72.4 | 88.6 | 76.9 | 88.7 | 77.3 | 88.0 | 73.1 | 87.9 | 78.0 |
| August | 83.1 | 70.9 | 83.8 | 71.1 | 89.3 | 74.7 | 90.5 | 75.6 | 88.6 | 69.6 | 88.0 | 75.7 |
| September | 82.0 | 68.3 | 83.3 | 68.7 | 89.0 | 73.2 | 90.0 | 73.9 | 89.6 | 66.0 | 89.2 | 74.7 |
| October | 80.6 | 68.1 | 82.7 | 69.7 | 88.8 | 73.4 | 90.5 | 74.2 | 88.1 | 67.4 | 89.1 | 74.3 |
| November | 80.4 | 68.9 | 82.7 | 71.1 | 89.5 | 75.3 | 91.4 | 75.7 | 89.6 | 72.0 | 89.6 | 75.5 |
| December | 79.1 | 66.2 | 82.1 | 69.3 | 89.6 | 74.0 | 91.3 | 74.2 | 89.5 | 69.1 | 89.8 | 75.0 |
| **1988 Average** | **79.4** | **67.5** | **81.3** | **68.7** | **87.1** | **72.9** | **87.8** | **73.1** | **86.0** | **68.2** | **86.7** | **74.0** |

See footnotes at end of table.

## Table 12. Refiner/Reseller Premium Motor Gasoline Prices by Sales Type (Continued)
(Cents per Gallon Excluding Taxes)

| Year Month | NH | | RI | | VT | | PAD IB Average | | DE | | DC | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **104.7** | **93.3** | **99.9** | **91.8** | **107.5** | **97.4** | **102.7** | **92.6** | **102.4** | **85.1** | W | **94.4** |
| **1985 Average** | **107.0** | **96.4** | **102.4** | **94.2** | **108.5** | **99.0** | **104.7** | **93.8** | **104.0** | **91.5** | - | **95.4** |
| **1986** | | | | | | | | | | | | |
| January | 108.3 | 93.3 | 100.4 | 89.9 | 108.6 | 96.8 | 104.8 | 90.1 | 100.4 | NA | - | 94.5 |
| February | 105.5 | 85.3 | 95.0 | 81.8 | 103.7 | 89.6 | 98.8 | 81.1 | 91.6 | 84.8 | - | 89.2 |
| March | 89.8 | 68.8 | 82.1 | 65.7 | 90.3 | 74.2 | 83.9 | 67.0 | 80.2 | 68.8 | W | 78.6 |
| April | 79.9 | 62.6 | 70.5 | 58.8 | 82.4 | 67.4 | 72.8 | 59.1 | 73.2 | 55.9 | - | 67.5 |
| May | 83.3 | 69.8 | 72.0 | 65.3 | 87.3 | 73.7 | 76.6 | 65.2 | 78.5 | 63.3 | - | 67.3 |
| June | 84.0 | 68.1 | 74.6 | 63.9 | 87.0 | 71.5 | 78.2 | 62.4 | 74.7 | 56.6 | - | 66.6 |
| July | 76.2 | 56.9 | 68.5 | 54.1 | 80.8 | 62.2 | 72.0 | 55.0 | 66.7 | 47.6 | - | 63.1 |
| August | 74.8 | 57.4 | 64.4 | 54.4 | 80.4 | 63.4 | 68.7 | 56.0 | 65.1 | 52.0 | - | 61.4 |
| September | 77.0 | 61.0 | 66.0 | 58.5 | 80.5 | 66.4 | 69.3 | 57.6 | 67.5 | NA | - | 61.3 |
| October | 73.8 | 59.7 | 65.4 | 57.9 | 78.8 | 64.4 | 67.6 | 56.1 | 65.4 | NA | - | 58.9 |
| November | NA | 61.3 | 65.6 | 58.8 | 78.2 | 64.7 | 68.5 | 56.4 | 66.0 | 52.8 | - | 58.5 |
| December | 74.7 | 61.8 | 66.6 | 59.9 | 79.1 | 67.3 | 68.9 | 57.4 | 68.6 | 53.6 | - | 59.5 |
| **1986 Average** | **81.0** | **66.0** | **73.5** | **63.1** | **85.1** | **70.6** | **76.4** | **62.8** | **73.5** | **59.8** | W | **68.1** |
| **1987** | | | | | | | | | | | | |
| January | 77.8 | 67.5 | 65.5 | 64.1 | 81.8 | 71.5 | 72.2 | 61.2 | 73.5 | 52.1 | - | 63.3 |
| February | 79.0 | 67.4 | 72.2 | 65.3 | 83.9 | 71.3 | 75.5 | 63.6 | 72.7 | 58.4 | - | 65.0 |
| March | 79.5 | 67.9 | 72.9 | 66.3 | 84.0 | 70.2 | 76.6 | 65.1 | 75.2 | 60.3 | - | 65.7 |
| April | 82.9 | 69.8 | 75.6 | 67.7 | 83.6 | 74.0 | 78.1 | 67.1 | 75.8 | 63.0 | - | 67.0 |
| May | 84.9 | 71.2 | 76.5 | 68.7 | 84.2 | 75.3 | 79.5 | 69.2 | 78.1 | 64.5 | - | 68.1 |
| June | 87.2 | 73.1 | 77.8 | 71.5 | 87.6 | 77.1 | 81.9 | 70.6 | 79.6 | 65.7 | W | 70.8 |
| July | 90.4 | 75.5 | 82.4 | 73.7 | 90.0 | 77.9 | 83.9 | 72.7 | 79.7 | 66.9 | W | 74.2 |
| August | 91.4 | 76.2 | 86.0 | 74.3 | 92.2 | 77.6 | 85.9 | 73.3 | 80.4 | 66.8 | W | 76.8 |
| September | 90.0 | 74.3 | 85.5 | 68.4 | 91.4 | 75.9 | 85.6 | 70.8 | 79.8 | 65.5 | W | 75.2 |
| October | 89.5 | 75.3 | 84.4 | 68.2 | 91.1 | 76.9 | 84.6 | 70.7 | 80.1 | 66.6 | W | 73.2 |
| November | 89.6 | 76.4 | 85.3 | 72.4 | 92.0 | 77.0 | 85.0 | 70.5 | 80.8 | 67.1 | - | 72.6 |
| December | 89.8 | 73.5 | 84.2 | 69.3 | 89.8 | 73.7 | 83.4 | 67.9 | 78.7 | 62.1 | W | 70.9 |
| **1987 Average** | **86.6** | **72.6** | **79.2** | **69.5** | **88.0** | **75.0** | **81.7** | **68.8** | **78.3** | **62.8** | W | **70.5** |
| **1988** | | | | | | | | | | | | |
| January | 86.2 | 71.9 | 83.0 | 66.6 | 90.5 | 72.7 | 82.3 | 65.1 | 77.9 | 56.7 | W | 68.9 |
| February | 86.1 | 71.1 | 81.7 | 65.5 | 89.6 | 73.0 | 80.8 | 65.4 | 76.0 | 56.4 | W | 69.6 |
| March | 86.0 | 70.6 | 80.1 | 63.9 | 88.5 | 71.9 | 79.3 | 65.6 | 75.5 | 58.4 | W | 70.8 |
| April | NA | 72.9 | 80.5 | 68.3 | 88.1 | 74.1 | 80.2 | 68.3 | 79.0 | 64.3 | W | 73.4 |
| May | NA | 75.2 | 83.0 | 70.6 | 88.8 | 76.1 | 81.9 | 70.2 | 82.3 | 64.3 | W | 74.6 |
| June | NA | 76.0 | 84.0 | 71.1 | 89.6 | 76.7 | 82.4 | 70.8 | 82.5 | 65.0 | W | 74.8 |
| July | NA | 78.6 | 86.3 | 73.9 | 91.6 | 79.6 | 83.7 | 72.2 | 84.1 | 69.0 | W | 76.3 |
| August | 93.0 | 76.6 | 87.8 | 71.8 | 91.7 | 75.8 | 84.7 | 71.8 | 84.5 | 65.1 | W | 77.7 |
| September | 87.6 | 75.0 | 85.8 | 70.0 | 90.1 | 75.4 | 84.0 | 69.4 | 80.8 | 65.7 | W | 75.9 |
| October | 87.0 | 74.4 | 85.6 | 71.0 | 90.3 | 76.1 | 83.7 | 70.6 | 81.6 | 68.2 | W | 74.7 |
| November | 87.3 | 77.5 | 84.6 | 73.5 | 91.5 | 79.0 | 84.0 | 71.8 | 82.6 | 68.6 | W | 75.4 |
| December | 87.7 | 76.5 | 85.1 | 71.1 | 91.0 | 76.9 | 84.2 | 70.9 | 83.2 | 66.6 | W | 75.3 |
| **1988 Average** | **88.7** | **74.8** | **84.2** | **70.0** | **90.3** | **75.8** | **82.6** | **69.4** | **80.9** | **64.1** | W | **73.9** |

See footnotes at end of table.

## Table 12. Refiner/Reseller Premium Motor Gasoline Prices by Sales Type (Continued)
(Cents per Gallon Excluding Taxes)

| Year Month | MD | | NJ | | NY | | PA | | PAD IC Average | | FL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **106.7** | **93.0** | **103.7** | **92.2** | **104.2** | **95.0** | **100.3** | **90.8** | **101.7** | **92.1** | **102.9** | **92.5** |
| **1985 Average** | **103.4** | **94.0** | **107.4** | **93.1** | **105.4** | **95.4** | **102.2** | **92.6** | **103.4** | **92.1** | **102.8** | **93.3** |
| **1986** | | | | | | | | | | | | |
| January | 99.4 | 92.3 | 109.5 | 87.0 | 105.4 | 93.7 | 101.7 | 89.9 | 101.7 | 84.4 | 104.2 | 88.2 |
| February | 94.2 | 85.4 | 104.5 | 76.8 | 99.0 | 85.3 | 95.3 | 79.1 | 95.0 | 74.1 | 98.5 | 79.6 |
| March | 82.7 | 72.7 | 88.1 | 64.3 | 85.7 | 69.4 | 79.7 | 62.9 | 81.0 | 61.1 | 84.1 | 65.5 |
| April | 77.1 | 63.8 | 75.7 | 56.5 | 74.2 | 62.3 | 68.9 | 56.4 | 73.9 | 59.6 | 74.8 | 60.5 |
| May | 76.6 | 66.0 | 79.1 | 64.2 | 75.0 | 67.2 | 75.4 | 64.0 | 76.4 | 64.9 | 74.3 | 64.7 |
| June | 75.1 | 64.3 | 81.5 | 60.6 | 77.5 | 66.8 | 76.5 | 59.7 | 76.2 | 60.9 | 75.3 | 61.9 |
| July | 69.8 | 58.5 | 78.6 | 54.1 | 70.0 | 58.5 | 70.9 | 50.7 | 71.6 | 52.2 | NA | 54.6 |
| August | 70.1 | 58.6 | 72.8 | 55.6 | 68.1 | 58.2 | 66.6 | 52.6 | 69.7 | 54.7 | 69.1 | 56.3 |
| September | 67.9 | 59.2 | 73.1 | 57.1 | 68.9 | 60.1 | 67.5 | 54.6 | 69.3 | 54.8 | 69.2 | 56.8 |
| October | 66.5 | 57.2 | 70.3 | 55.2 | 67.9 | 59.5 | 66.0 | 53.1 | 66.9 | 53.3 | 66.2 | 54.9 |
| November | 65.0 | 57.8 | 73.0 | 55.4 | 69.0 | 60.3 | 66.6 | 52.7 | 66.8 | 54.7 | 65.2 | 55.8 |
| December | 65.4 | 58.2 | 72.9 | 56.1 | 69.2 | 61.4 | 67.3 | 54.3 | 67.7 | 55.5 | 66.5 | 56.5 |
| **1986 Average** | **74.9** | **64.7** | **81.7** | **61.8** | **75.0** | **66.1** | **74.2** | **58.7** | **75.3** | **60.3** | **75.4** | **62.2** |
| **1987** | | | | | | | | | | | | |
| January | 70.9 | 63.0 | 74.4 | 59.7 | 72.2 | 65.0 | 71.2 | 58.8 | 72.3 | 61.5 | 71.0 | 62.4 |
| February | 72.1 | 65.1 | 78.7 | 62.4 | 75.1 | 67.7 | 74.8 | 60.1 | 74.8 | 62.3 | 74.2 | 63.7 |
| March | 73.4 | 65.8 | 80.0 | 64.1 | 76.3 | 68.7 | 75.9 | 62.3 | 75.4 | 63.7 | 74.4 | 65.0 |
| April | 74.7 | 67.5 | 82.2 | 66.0 | 77.9 | 71.8 | 77.1 | 63.6 | 76.8 | 65.3 | 76.7 | 67.0 |
| May | 76.6 | 69.3 | 84.2 | 69.0 | 78.4 | 73.1 | 78.8 | 65.4 | 77.5 | 67.0 | 77.5 | 68.6 |
| June | 78.8 | 69.4 | 85.0 | 70.4 | 82.3 | 75.0 | 80.7 | 67.3 | 79.1 | 68.5 | 79.3 | 69.8 |
| July | 80.2 | 72.1 | 87.4 | 72.8 | 83.8 | 77.5 | 83.2 | 68.8 | 80.9 | 70.2 | 82.0 | 71.8 |
| August | 80.3 | 73.6 | 90.4 | 72.5 | 86.0 | 79.7 | 84.6 | 68.2 | 82.7 | 70.4 | 83.7 | 72.8 |
| September | 80.4 | 72.5 | 90.1 | 68.5 | 86.1 | 77.5 | 83.9 | 66.6 | 82.4 | 67.1 | 83.9 | 69.8 |
| October | 80.3 | 71.7 | 88.6 | 69.0 | 84.8 | 76.8 | 83.4 | 66.7 | 81.7 | 67.1 | 82.6 | 69.1 |
| November | 80.1 | 70.6 | 88.0 | 68.7 | 85.9 | 77.1 | 83.5 | 66.5 | 80.9 | 66.3 | 81.1 | 68.7 |
| December | 78.7 | 68.6 | 86.5 | 65.5 | 84.2 | 75.0 | 82.1 | 63.7 | 79.3 | 62.2 | 79.5 | 64.8 |
| **1987 Average** | **77.6** | **69.0** | **85.2** | **67.5** | **82.1** | **74.1** | **80.5** | **65.2** | **78.9** | **66.1** | **79.3** | **67.8** |
| **1988** | | | | | | | | | | | | |
| January | 77.6 | 67.3 | 85.4 | 62.8 | 84.0 | 72.3 | 80.2 | 60.2 | 77.3 | 60.6 | 77.0 | 62.6 |
| February | 77.5 | 67.7 | 83.7 | 64.2 | 82.3 | 71.4 | 78.3 | 60.3 | 75.5 | 61.4 | 75.1 | 63.2 |
| March | 76.0 | 69.0 | 83.1 | 65.7 | 81.0 | 70.2 | 76.4 | 59.7 | 74.8 | 61.9 | 75.1 | 63.4 |
| April | 78.8 | 71.1 | 83.5 | 68.4 | 80.6 | 71.8 | 78.3 | 63.6 | 77.0 | 66.1 | 77.3 | 66.9 |
| May | 79.5 | 72.2 | 84.3 | 70.1 | 82.6 | 73.5 | 80.2 | 66.5 | 78.7 | 67.4 | 79.6 | 69.2 |
| June | 80.5 | 72.6 | 84.9 | 70.4 | 82.7 | 74.9 | 81.0 | 66.5 | 78.6 | 67.1 | 79.6 | 69.0 |
| July | 82.4 | 74.2 | 87.7 | 71.9 | 83.6 | 76.1 | 81.8 | 67.9 | 81.1 | 71.0 | 81.7 | 72.4 |
| August | 82.0 | 74.5 | 88.8 | 72.5 | 85.0 | 75.6 | 82.5 | 66.6 | 81.7 | 68.7 | 82.9 | 71.5 |
| September | 83.2 | 72.6 | 88.3 | 68.1 | 85.8 | 73.8 | 80.1 | 64.5 | 82.1 | 66.2 | 83.4 | 70.0 |
| October | 83.5 | 72.5 | 87.8 | 70.4 | 85.4 | 75.0 | 79.9 | 65.2 | 81.3 | 67.4 | 81.9 | 70.6 |
| November | 84.6 | 73.9 | 87.7 | 69.4 | 85.3 | 77.1 | 80.7 | 68.2 | 81.1 | 68.6 | 81.7 | 71.0 |
| December | 85.1 | 72.9 | 87.0 | 69.5 | 85.6 | 76.0 | 81.3 | 66.1 | 79.9 | 65.8 | 80.4 | 69.4 |
| **1988 Average** | **81.0** | **71.8** | **86.1** | **68.6** | **83.6** | **74.1** | **80.1** | **64.7** | **79.3** | **66.2** | **79.9** | **68.4** |

See footnotes at end of table.

# Table 12. Refiner/Reseller Premium Motor Gasoline Prices by Sales Type (Continued)

(Cents per Gallon Excluding Taxes)

| Year Month | GA | | NC | | SC | | VA | | WV | | PAD II Average | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **98.8** | **92.0** | **100.2** | **91.3** | **101.2** | **91.3** | **103.0** | **92.4** | **105.0** | **94.6** | **99.8** | **92.6** |
| **1985 Average** | **103.8** | **91.2** | **103.2** | **91.4** | **101.5** | **91.2** | **104.5** | **92.5** | **106.0** | **93.0** | **100.3** | **93.2** |
| **1986** | | | | | | | | | | | | |
| January | 100.5 | 81.7 | 100.6 | 82.3 | 97.4 | 81.1 | 101.8 | 84.9 | 105.1 | 87.1 | 98.9 | 85.7 |
| February | 95.5 | 70.4 | 89.7 | 70.3 | 88.4 | 68.7 | 96.3 | 75.5 | 97.8 | 74.0 | 88.1 | 72.9 |
| March | 80.0 | 58.0 | 77.8 | 57.4 | 71.8 | 56.3 | 84.3 | 63.7 | 82.9 | 59.9 | 70.7 | 59.6 |
| April | 72.9 | 58.9 | 74.0 | 59.1 | 68.6 | 57.5 | 75.7 | 60.7 | 77.5 | 59.5 | 68.5 | 59.7 |
| May | 76.6 | 65.0 | 78.6 | 65.2 | 75.1 | 64.1 | 77.0 | 64.7 | 82.3 | 66.9 | 74.2 | 67.9 |
| June | 77.1 | 60.4 | 78.5 | 60.2 | 74.1 | 59.3 | 74.7 | 61.2 | 82.4 | 63.2 | 74.1 | 63.8 |
| July | 72.4 | 50.8 | 68.4 | 48.5 | 71.7 | 50.9 | 73.2 | 53.6 | 76.7 | 56.2 | 67.8 | 54.0 |
| August | 70.1 | 53.5 | 68.5 | 52.8 | 67.1 | 54.4 | 71.5 | 54.9 | 74.9 | 55.8 | 67.3 | 56.6 |
| September | 70.0 | 53.1 | 67.1 | 52.7 | 67.1 | 54.4 | 71.1 | 55.0 | 74.1 | 57.2 | 67.8 | 56.5 |
| October | 67.2 | 52.0 | 66.0 | 51.3 | 64.5 | 53.2 | 69.1 | 53.2 | 70.8 | 55.7 | 64.4 | 54.2 |
| November | 67.3 | 53.4 | 66.7 | 53.7 | 64.9 | 54.7 | 69.2 | 54.6 | 71.3 | 56.6 | 65.1 | 55.8 |
| December | 69.0 | 54.4 | 66.8 | 54.2 | 65.1 | 55.8 | 69.7 | 55.4 | 71.4 | 57.3 | 66.5 | 56.2 |
| **1986 Average** | **75.7** | **59.1** | **74.5** | **58.7** | **71.8** | **58.4** | **76.9** | **60.9** | **78.3** | **61.8** | **72.9** | **61.2** |
| **1987** | | | | | | | | | | | | |
| January | 74.0 | 60.6 | 71.4 | 60.9 | 70.7 | 61.2 | 73.8 | 61.3 | 76.2 | 61.8 | 71.8 | 62.6 |
| February | 75.8 | 60.9 | 73.6 | 61.0 | 71.9 | 61.5 | 76.1 | 62.3 | 77.0 | 63.8 | 72.9 | 62.4 |
| March | 77.0 | 63.0 | 74.2 | 62.4 | 73.0 | 63.2 | 77.3 | 63.4 | 78.2 | 64.3 | 73.7 | 63.8 |
| April | 78.2 | 64.5 | 75.8 | 64.0 | 74.2 | 64.4 | 77.2 | 64.9 | 78.6 | 64.9 | 75.7 | 65.6 |
| May | 77.9 | 66.1 | 78.5 | 65.8 | 76.2 | 66.0 | 76.0 | 66.8 | 81.3 | 67.3 | 77.1 | 67.6 |
| June | 80.2 | 67.5 | 78.3 | 67.3 | 77.9 | 69.5 | 78.2 | 68.0 | 81.6 | 69.6 | 78.8 | 69.5 |
| July | 80.7 | 68.6 | 79.3 | 69.0 | 81.1 | 70.8 | 78.9 | 70.0 | 84.0 | 72.5 | 81.6 | 72.0 |
| August | 82.3 | 68.4 | 81.3 | 68.4 | 81.6 | 70.5 | 81.5 | 70.4 | 86.5 | 72.3 | 82.9 | 72.4 |
| September | 81.0 | 64.8 | 80.4 | 64.6 | 80.5 | 66.7 | 82.2 | 67.5 | 86.3 | 71.0 | 81.3 | 68.5 |
| October | 80.9 | 65.2 | 80.3 | 65.3 | 80.6 | 66.6 | 81.6 | 67.7 | 85.5 | 69.9 | 80.4 | 68.0 |
| November | 80.8 | 63.7 | 80.0 | 64.5 | 79.7 | 66.2 | 81.1 | 67.2 | 85.2 | 68.3 | 80.2 | 67.7 |
| December | 79.4 | 59.5 | 77.5 | 59.7 | 78.4 | 61.3 | 80.0 | 63.6 | 84.0 | 66.6 | 76.6 | 62.2 |
| **1987 Average** | **79.3** | **64.5** | **77.6** | **64.6** | **77.6** | **65.9** | **78.8** | **66.2** | **81.7** | **68.0** | **78.0** | **67.0** |
| **1988** | | | | | | | | | | | | |
| January | 76.9 | 57.8 | 77.5 | 58.8 | 75.7 | 59.1 | 78.5 | 62.3 | 81.4 | 64.4 | 73.6 | 60.0 |
| February | 75.5 | 58.8 | 74.5 | 59.6 | 74.7 | 60.4 | 76.9 | 63.2 | 79.9 | 64.6 | 72.5 | 61.2 |
| March | 73.1 | 59.7 | 73.3 | 60.2 | 75.0 | 61.5 | 76.9 | 63.4 | 79.6 | 64.3 | 71.9 | 61.5 |
| April | 76.3 | 64.8 | 75.5 | 65.2 | 76.9 | 65.9 | 77.7 | 67.4 | 81.0 | 67.3 | 76.8 | 66.7 |
| May | 77.3 | 65.9 | 77.4 | 65.8 | 77.6 | 66.8 | 79.8 | 68.2 | 82.6 | 69.1 | 78.9 | 68.2 |
| June | 77.1 | 65.4 | 77.5 | 65.4 | 77.7 | 66.4 | 78.9 | 67.8 | 83.2 | 69.7 | 78.0 | 66.9 |
| July | 79.9 | 69.5 | 79.9 | 69.9 | 81.6 | 70.9 | 80.7 | 71.4 | 85.6 | 72.5 | 80.9 | 71.9 |
| August | 80.1 | 66.2 | 79.8 | 66.5 | 81.7 | 68.0 | 81.6 | 69.5 | 86.6 | 71.9 | 83.1 | 70.7 |
| September | 80.3 | 62.8 | 81.8 | 62.7 | 78.6 | 63.3 | 82.7 | 66.7 | 87.0 | 68.9 | 80.0 | 65.8 |
| October | 81.3 | 64.6 | 79.5 | 64.7 | 78.1 | 64.8 | 82.2 | 67.6 | 86.5 | 68.8 | 77.7 | 65.5 |
| November | 81.0 | 66.0 | 79.9 | 66.4 | 77.7 | 67.4 | 81.7 | 69.1 | 87.0 | 70.7 | 78.6 | 67.4 |
| December | 78.2 | 62.3 | 79.5 | 62.1 | 77.8 | 63.1 | 81.7 | 66.7 | 86.4 | 68.8 | 76.6 | 63.3 |
| **1988 Average** | **78.3** | **63.8** | **78.2** | **64.2** | **77.9** | **65.1** | **80.2** | **67.1** | **84.0** | **68.5** | **77.5** | **66.0** |

See footnotes at end of table.

## Table 12. Refiner/Reseller Premium Motor Gasoline Prices by Sales Type (Continued)
(Cents per Gallon Excluding Taxes)

| Year Month | IL | | IN | | IA | | KS | | KY | | MI | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **98.5** | **92.8** | **98.1** | **92.5** | **97.5** | **92.3** | **97.1** | **92.6** | **99.3** | **90.9** | **99.6** | **93.0** |
| **1985 Average** | **100.0** | **93.8** | **97.3** | **92.8** | **97.6** | **93.6** | **98.3** | **93.1** | **100.5** | **91.6** | **98.3** | **92.7** |
| **1986** | | | | | | | | | | | | |
| January | 99.8 | 87.1 | 92.9 | 86.2 | 96.0 | 88.7 | 96.3 | 80.5 | 98.6 | 84.1 | 98.2 | 89.4 |
| February | 92.0 | 74.8 | 79.3 | 72.5 | 82.3 | 74.9 | 80.4 | 68.9 | 86.6 | 69.8 | 87.8 | 75.2 |
| March | 68.8 | 61.3 | 62.6 | 57.5 | 66.1 | 56.5 | 66.0 | 56.9 | 72.7 | 57.1 | 71.3 | 59.2 |
| April | 64.3 | 57.8 | 63.4 | 59.9 | 72.0 | 58.9 | 65.2 | 58.5 | 70.1 | 59.2 | 68.0 | 59.2 |
| May | 72.1 | 67.3 | 70.2 | 68.6 | 71.7 | 66.0 | 71.1 | 67.2 | 76.1 | 68.0 | 76.4 | 69.2 |
| June | 74.2 | 64.3 | 68.7 | 64.5 | 70.9 | 60.7 | NA | 63.3 | 75.9 | 62.1 | 76.0 | 67.1 |
| July | 72.8 | 55.5 | 56.6 | 50.9 | 66.1 | 53.3 | 64.3 | 50.3 | 66.8 | 57.7 | 69.7 | 56.6 |
| August | 67.6 | 56.2 | 59.4 | 55.2 | 63.3 | 58.3 | 63.7 | 55.7 | 68.2 | 60.3 | 68.2 | 58.0 |
| September | 67.3 | 55.9 | 58.9 | 54.5 | 65.5 | 59.6 | 70.6 | 55.1 | 66.7 | 56.7 | 67.3 | 57.9 |
| October | 66.0 | 54.5 | 56.0 | 53.1 | 62.4 | 55.4 | 65.2 | 51.5 | 64.1 | 53.2 | 64.3 | 55.3 |
| November | 66.4 | 56.6 | 57.8 | 55.1 | 61.2 | 56.5 | 66.7 | 54.4 | 65.6 | 54.9 | 64.8 | 57.2 |
| December | 68.0 | 57.7 | 58.8 | 54.6 | 60.9 | 52.5 | 61.5 | 52.7 | 65.4 | 54.5 | 64.6 | 57.0 |
| **1986 Average** | **74.3** | **62.3** | **66.5** | **60.7** | **69.5** | **62.6** | **71.3** | **59.4** | **73.1** | **60.5** | **73.2** | **62.8** |
| **1987** | | | | | | | | | | | | |
| January | 73.4 | 63.2 | 65.2 | 62.0 | 64.6 | 62.3 | 68.2 | 59.6 | 72.4 | 61.4 | 70.5 | 63.7 |
| February | 74.4 | 64.2 | 68.6 | 61.1 | 64.7 | 62.5 | 67.5 | 59.5 | 72.3 | 61.3 | 70.4 | 62.3 |
| March | 75.1 | 65.9 | 71.6 | 62.9 | 67.2 | 65.0 | 69.0 | 61.7 | 74.7 | 62.7 | 70.6 | 63.9 |
| April | 77.3 | 67.7 | 73.0 | 65.9 | 72.5 | 66.8 | 72.4 | 63.4 | 75.8 | 64.5 | 71.9 | 66.0 |
| May | 78.1 | 68.4 | 75.3 | 68.5 | 74.3 | 68.8 | 73.3 | 65.7 | 75.7 | 67.2 | 73.9 | 68.1 |
| June | 80.5 | 70.5 | 77.4 | 69.7 | 77.7 | 71.5 | 77.9 | 67.8 | 79.6 | 68.9 | 75.1 | 70.2 |
| July | 81.9 | 73.2 | 79.2 | 72.4 | 81.6 | 73.8 | 82.4 | 70.6 | 83.1 | 71.2 | 78.8 | 73.1 |
| August | 83.8 | 74.4 | 77.4 | 72.9 | 82.5 | 75.0 | 84.5 | 71.1 | 84.7 | 71.2 | 80.9 | 74.6 |
| September | 83.0 | 70.3 | 76.8 | 67.7 | 79.3 | 70.4 | 82.4 | 64.8 | 81.3 | 68.0 | 79.6 | 72.2 |
| October | 81.9 | 69.4 | 76.4 | 67.0 | 78.7 | 69.2 | 81.2 | 65.8 | 80.4 | 67.1 | 79.0 | 70.6 |
| November | 80.7 | 69.1 | 75.7 | 66.4 | 79.1 | 70.3 | 82.3 | 66.2 | 80.1 | 67.6 | 77.8 | 70.5 |
| December | 78.5 | 64.6 | 70.6 | 60.7 | 73.6 | 61.7 | 76.6 | 57.6 | 77.3 | 62.8 | 74.9 | 65.4 |
| **1987 Average** | **79.3** | **68.5** | **73.9** | **66.5** | **73.3** | **68.5** | **75.9** | **64.8** | **78.6** | **66.3** | **76.1** | **68.7** |
| **1988** | | | | | | | | | | | | |
| January | 75.9 | 63.1 | 66.1 | 59.1 | 71.0 | 59.6 | 72.8 | 54.3 | 71.6 | 60.3 | 72.8 | 63.3 |
| February | 75.3 | 64.6 | 67.3 | 60.4 | 69.9 | 61.0 | 72.1 | 56.4 | 71.0 | 61.3 | 70.4 | 62.5 |
| March | 74.0 | 63.7 | 67.3 | 61.1 | 69.7 | 61.8 | 71.3 | 57.6 | 72.1 | 61.9 | 68.8 | 62.4 |
| April | 77.7 | 67.9 | 74.8 | 67.0 | 75.9 | 67.6 | 74.8 | 62.8 | 78.4 | 67.8 | 73.2 | 68.0 |
| May | 79.3 | 69.6 | 75.7 | 68.2 | 77.6 | 69.4 | 77.5 | 64.6 | 82.3 | 69.6 | 76.8 | 69.9 |
| June | 78.9 | 69.4 | 73.4 | 66.5 | 76.6 | 67.4 | 76.7 | 62.6 | 81.3 | 68.7 | 75.6 | 68.2 |
| July | 81.6 | 74.3 | 77.2 | 71.9 | 78.4 | 71.2 | 79.8 | 67.5 | 82.1 | 73.0 | 78.7 | 72.9 |
| August | 84.8 | 74.8 | 79.2 | 70.9 | 80.5 | 71.5 | 79.0 | 66.1 | 85.0 | 70.2 | 81.4 | 74.2 |
| September | 82.4 | 69.9 | 74.8 | 66.2 | 75.9 | 65.7 | 74.7 | 59.7 | 82.0 | 64.8 | 78.5 | 68.0 |
| October | 80.4 | 69.2 | 72.0 | 65.6 | 74.8 | 64.5 | 72.1 | 59.2 | 78.7 | 65.7 | 75.9 | 67.1 |
| November | 80.0 | 70.4 | 76.1 | 68.5 | 73.0 | 66.0 | 73.2 | 60.9 | 80.7 | 68.7 | 77.6 | 70.5 |
| December | 77.5 | 65.7 | 70.9 | 63.6 | 75.1 | 63.3 | 72.7 | 57.1 | 79.9 | 65.4 | 75.6 | 66.7 |
| **1988 Average** | **79.0** | **68.7** | **72.7** | **66.0** | **75.1** | **66.0** | **74.7** | **60.9** | **78.8** | **66.7** | **75.7** | **68.1** |

See footnotes at end of table.

## Table 12. Refiner/Reseller Premium Motor Gasoline Prices by Sales Type (Continued)
(Cents per Gallon Excluding Taxes)

| Year Month | MN | | MO | | NE | | ND | | OH | | OK | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **100.5** | **92.7** | **104.0** | **91.8** | **101.1** | **92.9** | **W** | **96.6** | **101.5** | **92.9** | **100.7** | **88.9** |
| **1985 Average** | **106.3** | **95.7** | **102.3** | **92.2** | **100.5** | **93.4** | **96.2** | **98.2** | **103.5** | **92.5** | **100.9** | **90.1** |
| **1986** | | | | | | | | | | | | |
| January | 101.4 | 83.0 | 96.9 | 82.5 | 91.9 | 80.7 | 111.1 | 87.6 | 106.1 | 87.7 | 89.9 | 74.6 |
| February | 90.2 | 69.7 | 83.6 | 71.6 | 78.7 | 67.7 | 98.5 | 75.9 | 95.2 | 74.1 | 76.6 | 61.7 |
| March | 72.2 | 59.4 | 71.3 | 59.0 | 65.2 | 55.6 | 64.6 | 65.3 | 77.8 | 59.6 | 60.9 | 50.8 |
| April | 67.1 | 59.8 | 69.5 | 58.3 | 67.7 | 58.3 | W | 66.3 | 72.8 | 59.2 | 62.6 | 55.9 |
| May | 72.8 | 67.5 | 74.2 | 65.8 | 72.9 | 67.3 | W | 71.4 | 79.9 | 66.9 | 69.3 | 62.5 |
| June | 76.7 | 63.8 | 74.5 | 62.6 | 76.0 | 62.5 | W | 71.9 | 78.5 | 62.5 | 70.2 | 55.6 |
| July | 68.3 | 53.4 | 68.4 | 53.5 | 67.8 | 53.8 | W | 60.4 | 72.1 | 56.5 | 62.4 | 47.9 |
| August | 65.5 | 59.0 | 66.8 | 54.8 | 64.5 | 58.4 | W | 63.6 | 72.1 | 58.1 | 62.4 | 52.0 |
| September | 69.1 | 59.3 | 67.6 | 55.2 | 63.8 | 58.4 | 76.0 | W | 72.4 | 58.8 | 67.3 | 51.9 |
| October | 64.2 | 55.3 | 64.1 | 53.7 | 59.2 | 54.6 | 70.8 | W | 68.6 | 56.1 | 61.2 | 49.6 |
| November | 62.4 | 56.0 | 64.6 | 55.6 | 59.8 | 55.6 | 74.4 | 60.7 | 69.6 | 58.0 | 61.1 | 51.1 |
| December | 61.8 | 55.1 | 65.1 | 55.2 | 61.9 | 52.0 | 66.0 | 58.6 | 74.6 | 59.9 | 60.5 | 50.5 |
| **1986 Average** | **72.4** | **60.9** | **71.3** | **59.4** | **70.3** | **61.0** | **79.5** | **67.4** | **77.5** | **61.2** | **67.0** | **55.1** |
| **1987** | | | | | | | | | | | | |
| January | 66.3 | 61.0 | 69.0 | 61.3 | 66.6 | 61.1 | 69.6 | 62.8 | 80.3 | 66.4 | 65.9 | 56.0 |
| February | 67.6 | 60.1 | 70.8 | 61.7 | 65.9 | 61.3 | 73.3 | 64.5 | 79.9 | 66.1 | 68.2 | 56.3 |
| March | 68.5 | 62.4 | 72.0 | 63.4 | 67.4 | 63.6 | 68.6 | 64.4 | 79.8 | 66.4 | 68.9 | 58.7 |
| April | 72.0 | 65.2 | 73.4 | 64.2 | 69.8 | 66.3 | 74.4 | 69.6 | 81.5 | 68.2 | 72.0 | 60.5 |
| May | 73.4 | 67.7 | 74.8 | 66.7 | 72.4 | 67.5 | 77.7 | 71.7 | 82.6 | 69.6 | 72.5 | 62.9 |
| June | 78.4 | 70.9 | 77.8 | 68.9 | 75.4 | 69.4 | 77.1 | 72.0 | 83.6 | 69.5 | 73.9 | 64.6 |
| July | 81.4 | 74.4 | 79.8 | 70.5 | 79.0 | 72.7 | 77.7 | 76.9 | 86.9 | 71.6 | 77.0 | 66.9 |
| August | 83.6 | 74.2 | 81.6 | 70.9 | 78.9 | 72.8 | 87.0 | 76.3 | 87.3 | 71.6 | 79.4 | 67.0 |
| September | 83.4 | 71.2 | 80.2 | 67.7 | 76.5 | 69.7 | 83.9 | 70.4 | 85.3 | 67.4 | 78.1 | 62.6 |
| October | 82.5 | 69.3 | 80.5 | 68.0 | 74.1 | 69.0 | 79.6 | 72.4 | 83.9 | 66.7 | 76.5 | 62.6 |
| November | 82.5 | 69.8 | 80.1 | 66.5 | 74.6 | 68.4 | 81.0 | NA | 84.8 | 67.1 | 78.0 | 61.5 |
| December | 78.3 | 61.0 | 77.8 | 60.8 | 67.0 | 59.9 | 80.1 | 61.0 | 79.8 | 63.9 | 72.9 | 53.8 |
| **1987 Average** | **76.9** | **67.2** | **77.1** | **66.0** | **72.5** | **67.8** | **78.3** | **70.7** | **83.0** | **67.8** | **74.2** | **61.2** |
| **1988** | | | | | | | | | | | | |
| January | 74.6 | 59.3 | 75.4 | 59.4 | 62.0 | 57.1 | 74.8 | 63.1 | 79.4 | 61.9 | 66.8 | 49.6 |
| February | 72.4 | 59.7 | 73.8 | 60.2 | 65.6 | 59.5 | 71.4 | 61.3 | 77.0 | 62.1 | 67.2 | 54.6 |
| March | 71.1 | 60.2 | 71.8 | 60.4 | 65.5 | 60.5 | 73.5 | 63.1 | 76.5 | 62.6 | 68.0 | 55.4 |
| April | 74.5 | 65.9 | 74.5 | 65.5 | 71.0 | 66.7 | 75.8 | 67.7 | 82.3 | 67.7 | 73.2 | 61.2 |
| May | 78.2 | 67.1 | 76.4 | 65.8 | 72.2 | 67.9 | 79.9 | 67.6 | 85.1 | 70.3 | 75.8 | 62.1 |
| June | 78.9 | 66.2 | 76.6 | 64.3 | 70.6 | 66.2 | 80.3 | 66.3 | 82.9 | 68.0 | 74.8 | 61.5 |
| July | 81.1 | 71.5 | 78.6 | 69.1 | 75.1 | 70.1 | 81.5 | 72.1 | 86.2 | 72.2 | 77.1 | 65.2 |
| August | 84.0 | 70.9 | 79.5 | 67.3 | 77.2 | 70.6 | 85.2 | 68.6 | 88.8 | 69.7 | 78.4 | 63.5 |
| September | 82.4 | 66.4 | 76.6 | 64.1 | 74.3 | 64.2 | 83.4 | 66.4 | 85.9 | 67.2 | 73.8 | 58.5 |
| October | 80.5 | 65.3 | 75.2 | 62.8 | 71.3 | 62.6 | 78.6 | 65.5 | 83.4 | 67.5 | 71.3 | 57.9 |
| November | 79.1 | 64.6 | 75.4 | 64.6 | 73.2 | 64.5 | 79.4 | 64.3 | 84.0 | 69.6 | 72.6 | 59.9 |
| December | 76.3 | 61.7 | 74.4 | 61.1 | 69.3 | 60.9 | 78.6 | 61.8 | 81.9 | 63.8 | 70.6 | 55.9 |
| **1988 Average** | **78.1** | **65.1** | **75.8** | **64.0** | **70.5** | **64.5** | **79.1** | **66.2** | **82.8** | **67.0** | **72.6** | **58.5** |

See footnotes at end of table.

## Table 12. Refiner/Reseller Premium Motor Gasoline Prices by Sales Type (Continued)
(Cents per Gallon Excluding Taxes)

| Year Month | SD | | TN | | WI | | PAD III Average | | AL | | AR | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **101.4** | **93.4** | **102.5** | **93.6** | **101.9** | **92.3** | **103.9** | **90.7** | **104.2** | **93.0** | **99.5** | **89.9** |
| **1985 Average** | **102.2** | **94.2** | **101.7** | **94.8** | **101.4** | **91.8** | **102.6** | **90.0** | **103.8** | **91.8** | **100.0** | **90.2** |
| **1986** | | | | | | | | | | | | |
| January | 104.4 | 84.5 | 100.2 | 86.0 | 98.0 | 82.0 | 101.5 | 81.0 | 102.5 | 82.9 | 97.3 | 84.3 |
| February | 94.5 | 61.7 | 94.5 | 76.8 | 85.2 | 68.9 | 94.1 | 68.2 | 94.3 | 71.2 | 85.4 | 67.2 |
| March | 77.2 | 56.2 | 77.4 | 64.8 | 71.3 | 56.1 | 81.3 | 55.2 | 81.5 | 56.5 | 75.8 | 56.2 |
| April | 67.7 | 59.6 | 75.2 | 64.7 | 77.3 | 57.2 | 71.9 | 55.7 | 77.0 | 57.8 | 74.5 | 59.5 |
| May | 71.1 | 65.9 | 75.7 | 70.2 | 76.3 | 67.2 | 73.2 | 61.1 | 78.7 | 64.3 | 75.1 | 64.0 |
| June | 74.9 | 57.8 | 75.3 | 65.6 | 76.4 | 62.3 | 73.9 | 59.1 | 77.2 | 60.3 | 74.5 | 64.2 |
| July | 68.1 | 54.5 | 70.0 | 51.0 | 62.2 | 49.5 | 69.6 | 49.9 | 76.6 | 50.2 | 63.6 | 50.0 |
| August | 72.0 | 57.2 | 69.3 | 54.8 | 64.4 | 54.7 | 66.6 | 52.2 | 72.8 | 55.0 | 63.0 | 54.3 |
| September | 71.2 | 56.2 | 69.1 | 54.7 | 65.0 | 55.1 | 66.7 | 52.6 | 73.3 | 54.3 | 65.0 | 53.7 |
| October | 72.1 | 56.8 | 65.1 | 53.0 | 63.4 | 53.1 | 64.2 | 50.5 | 67.0 | 52.8 | 62.9 | 53.0 |
| November | 71.0 | 56.9 | 65.7 | 53.6 | 63.3 | 54.6 | 64.3 | 51.6 | 69.9 | 54.3 | 63.4 | 53.4 |
| December | 70.0 | 55.9 | 67.3 | 55.2 | 63.6 | 54.7 | 64.3 | 52.4 | 68.0 | 55.5 | 64.5 | 53.2 |
| **1986 Average** | **76.6** | **59.1** | **74.5** | **62.0** | **70.7** | **58.3** | **73.0** | **56.7** | **76.7** | **58.9** | **69.8** | **59.0** |
| **1987** | | | | | | | | | | | | |
| January | 68.2 | 58.6 | 70.4 | 60.6 | 69.6 | 61.4 | 69.4 | 58.2 | 76.2 | 61.3 | 69.3 | 59.9 |
| February | 70.7 | 62.4 | 72.9 | 61.1 | 68.8 | 60.0 | 72.0 | 59.6 | 74.6 | 61.6 | 69.8 | 59.9 |
| March | 74.4 | 64.6 | 73.3 | 62.0 | 70.6 | 63.0 | 72.8 | 60.7 | 75.7 | 62.9 | 70.4 | 61.4 |
| April | 75.5 | 66.2 | 74.8 | 63.6 | 72.4 | 64.0 | 74.0 | 61.7 | 77.1 | 63.5 | 73.2 | 62.9 |
| May | 80.0 | 69.0 | 76.3 | 66.1 | 73.5 | 66.1 | 75.1 | 62.7 | 76.3 | 63.1 | 75.6 | 64.6 |
| June | 76.1 | 72.3 | 77.6 | 68.6 | 75.3 | 69.3 | 76.5 | 64.8 | 77.4 | 66.8 | 77.7 | 66.3 |
| July | 84.2 | 76.1 | 79.1 | 70.7 | 79.8 | 72.4 | 77.7 | 67.2 | 77.9 | 69.3 | 81.1 | 68.4 |
| August | 86.2 | 78.8 | 81.0 | 70.4 | 82.1 | 72.4 | 79.8 | 67.6 | 79.4 | 69.3 | 79.6 | 68.3 |
| September | 79.6 | 74.7 | 78.9 | 66.5 | 80.6 | 67.9 | 78.7 | 64.9 | 77.5 | 66.1 | 79.4 | 64.6 |
| October | 80.4 | 73.2 | 79.2 | 66.8 | 78.2 | 67.5 | 77.7 | 63.7 | 77.3 | 64.4 | 77.9 | 64.7 |
| November | 78.5 | 72.2 | 78.3 | 66.0 | 78.0 | 66.8 | 77.8 | 63.8 | 77.0 | 65.0 | 76.8 | 63.8 |
| December | 77.3 | 63.1 | 75.0 | 61.3 | 73.4 | 58.6 | 76.8 | 58.7 | 75.0 | 58.9 | 73.7 | 57.5 |
| **1987 Average** | **76.9** | **70.3** | **76.4** | **65.5** | **75.9** | **66.1** | **76.0** | **62.8** | **76.8** | **64.3** | **75.5** | **63.6** |
| **1988** | | | | | | | | | | | | |
| January | 71.3 | 59.6 | 72.6 | 59.3 | 69.8 | 57.4 | 75.4 | 57.5 | 72.5 | 58.9 | 71.8 | 55.7 |
| February | 72.5 | 59.8 | 71.7 | 59.7 | 69.5 | 60.2 | 73.4 | 57.8 | 72.1 | 59.1 | 69.5 | 57.3 |
| March | 71.6 | 61.2 | 72.1 | 60.3 | 68.0 | 60.8 | 73.1 | 57.4 | 71.2 | 60.2 | 72.5 | 58.2 |
| April | 72.5 | 66.3 | 76.2 | 66.0 | 74.7 | 65.8 | 75.2 | 62.1 | 75.7 | 65.3 | 74.6 | 63.4 |
| May | 77.2 | 69.4 | 77.4 | 66.7 | 75.0 | 66.4 | 77.2 | 63.3 | 77.4 | 65.2 | 74.9 | 64.0 |
| June | 79.1 | 70.0 | 78.3 | 66.2 | 74.4 | 64.8 | 77.1 | 63.7 | 77.4 | 66.0 | 76.4 | 63.3 |
| July | 80.5 | 71.7 | 80.5 | 71.0 | 79.8 | 73.4 | 79.3 | 67.9 | 80.3 | 70.3 | 77.6 | 67.9 |
| August | 81.3 | 73.9 | 82.3 | 67.8 | 81.7 | 73.4 | 80.9 | 66.0 | 80.7 | 67.0 | 78.0 | 66.1 |
| September | 86.2 | 68.5 | 80.5 | 61.8 | 75.7 | 65.2 | 80.2 | 62.3 | 78.2 | 62.4 | 75.0 | 62.6 |
| October | 82.0 | 64.6 | 78.8 | 62.9 | 73.2 | 64.7 | 78.8 | 62.8 | 77.3 | 63.9 | 73.6 | 62.2 |
| November | 78.5 | 64.4 | 78.7 | 64.9 | 75.5 | 67.1 | 77.8 | 64.4 | 76.0 | 66.5 | 74.0 | 64.6 |
| December | 79.8 | 62.0 | 77.7 | 61.1 | 72.4 | 61.8 | 77.0 | 60.5 | 76.4 | 62.4 | 72.0 | 61.2 |
| **1988 Average** | **79.2** | **66.8** | **77.6** | **64.2** | **74.3** | **65.3** | **77.1** | **62.3** | **76.3** | **64.1** | **74.4** | **62.5** |

See footnotes at end of table.

## Table 12. Refiner/Reseller Premium Motor Gasoline Prices by Sales Type (Continued)
(Cents per Gallon Excluding Taxes)

| Year Month | LA | | MS | | NM | | TX | | PAD IV Average | | CO | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **107.8** | **93.0** | **103.0** | **90.8** | **103.5** | **95.6** | **103.0** | **88.9** | **96.9** | **91.1** | **96.9** | **91.6** |
| **1985 Average** | **104.2** | **91.9** | **103.4** | **90.0** | **105.4** | **95.9** | **102.1** | **88.4** | **99.1** | **92.2** | **99.0** | **93.2** |
| **1986** | | | | | | | | | | | | |
| January | 101.4 | 83.7 | 100.8 | 77.7 | 105.8 | 91.8 | 101.6 | 79.6 | 95.5 | 84.2 | 94.2 | 81.7 |
| February | 95.0 | 72.8 | 92.2 | 69.1 | 100.8 | 77.3 | 94.4 | 65.7 | 83.8 | 71.0 | 81.9 | 67.0 |
| March | 80.8 | 58.6 | 80.7 | 54.0 | 84.9 | 55.8 | 81.7 | 53.8 | 73.9 | 57.5 | 66.5 | 55.2 |
| April | 71.0 | 57.2 | 79.3 | 55.1 | 80.4 | 59.8 | 70.2 | 53.9 | 66.7 | 56.7 | 67.0 | 56.3 |
| May | 73.3 | 60.9 | 81.3 | 63.2 | 79.8 | 62.8 | 71.3 | 59.4 | 69.7 | 59.9 | 71.5 | 60.4 |
| June | 73.5 | 59.5 | 81.1 | 58.5 | 80.3 | 65.0 | 72.4 | 57.8 | 74.7 | 65.0 | 74.6 | 63.2 |
| July | 70.7 | 51.0 | 70.2 | 48.1 | 76.0 | 62.2 | 68.7 | 49.5 | 69.9 | 56.1 | 65.0 | 51.5 |
| August | 66.5 | 55.3 | 72.5 | 51.6 | 71.8 | 61.1 | 65.1 | 50.3 | 68.0 | 55.4 | 67.4 | 54.6 |
| September | 67.1 | 52.8 | 69.0 | 52.0 | 70.1 | 61.7 | 65.4 | 51.9 | 68.8 | 56.6 | 68.6 | 56.5 |
| October | 63.3 | 51.1 | 68.1 | 49.9 | 67.8 | 58.6 | 63.5 | 49.4 | 64.2 | 53.7 | 64.0 | 52.8 |
| November | 63.8 | 51.8 | 67.7 | 51.3 | 67.8 | 58.6 | 63.0 | 50.7 | 65.5 | 52.9 | 65.1 | 52.8 |
| December | 64.7 | 52.5 | 68.6 | 52.0 | 65.7 | 58.1 | 63.0 | 51.5 | 65.5 | 52.0 | 64.9 | 51.4 |
| **1986 Average** | **73.6** | **58.3** | **76.8** | **56.6** | **75.7** | **62.7** | **72.0** | **55.2** | **71.1** | **58.5** | **70.1** | **57.3** |
| **1987** | | | | | | | | | | | | |
| January | 67.3 | 58.6 | 73.5 | 59.5 | 71.5 | 61.2 | 67.9 | 56.8 | 68.6 | 56.4 | 69.0 | 56.5 |
| February | 71.4 | 60.2 | 74.1 | 59.1 | 73.6 | 63.5 | 71.5 | 58.9 | 72.9 | 59.9 | 73.4 | 59.5 |
| March | 71.4 | 62.0 | 75.6 | 61.7 | 75.7 | 65.2 | 72.1 | 59.3 | 72.3 | 60.2 | 72.4 | 59.9 |
| April | 71.7 | 63.1 | 75.5 | 62.5 | 77.6 | 67.7 | 73.6 | 60.4 | 74.4 | 61.0 | 74.8 | 61.9 |
| May | 72.1 | 63.8 | 77.8 | 63.0 | 80.0 | 68.6 | 75.0 | 61.8 | 74.8 | 62.4 | 76.0 | 63.1 |
| June | 74.8 | 65.7 | 79.5 | 65.9 | 81.2 | 71.5 | 76.1 | 63.6 | 76.6 | 65.9 | 78.1 | 67.2 |
| July | 76.2 | 66.6 | 79.6 | 68.1 | 84.3 | 74.2 | 77.4 | 66.3 | 78.3 | 69.9 | 79.0 | 71.2 |
| August | 78.4 | 68.9 | 80.8 | 67.8 | 85.3 | 78.1 | 79.8 | 66.4 | 86.1 | 75.4 | 90.3 | 77.7 |
| September | 76.5 | 64.4 | 79.8 | 63.7 | 85.7 | 77.4 | 79.0 | 64.7 | 84.5 | 74.5 | 87.0 | 74.3 |
| October | 75.9 | 64.8 | 78.9 | 63.1 | 86.2 | 76.1 | 77.7 | 62.8 | 81.6 | 70.5 | 82.2 | 67.5 |
| November | 76.0 | 64.9 | 78.5 | 63.2 | 86.2 | 74.4 | 78.0 | 63.0 | 78.8 | 68.3 | 77.7 | 65.6 |
| December | 74.4 | 61.1 | 77.4 | 58.0 | 84.3 | 67.6 | 77.4 | 58.0 | 75.3 | 63.7 | 72.6 | 60.8 |
| **1987 Average** | **74.2** | **63.5** | **77.8** | **62.8** | **82.1** | **70.9** | **75.9** | **61.8** | **77.5** | **66.2** | **78.2** | **65.6** |
| **1988** | | | | | | | | | | | | |
| January | 73.9 | 59.3 | 75.0 | 57.7 | 81.8 | 62.9 | 76.2 | 56.7 | 73.2 | 60.0 | 71.0 | 58.9 |
| February | 71.6 | 58.4 | 74.2 | 58.6 | 78.1 | 62.0 | 73.9 | 57.1 | 71.5 | 58.8 | 69.7 | 58.9 |
| March | 71.8 | 59.8 | 75.0 | 57.8 | 77.5 | 62.7 | 73.3 | 55.9 | 70.6 | 58.8 | 69.5 | 58.7 |
| April | 74.5 | 64.4 | 77.4 | 64.1 | 78.9 | 65.6 | 75.0 | 60.3 | 73.4 | 63.5 | 73.6 | 64.3 |
| May | 76.3 | 64.4 | 78.8 | 65.3 | 80.9 | 67.3 | 77.3 | 62.1 | 77.6 | 65.7 | 78.0 | 66.0 |
| June | 76.4 | 65.7 | 76.9 | 64.5 | 81.2 | 68.4 | 77.1 | 62.6 | 77.8 | 65.3 | 76.8 | 64.5 |
| July | 78.5 | 69.0 | 80.1 | 68.7 | 81.8 | 69.8 | 79.3 | 66.7 | 78.9 | 67.7 | 78.5 | 67.7 |
| August | 80.4 | 66.3 | 81.9 | 65.4 | 83.4 | 71.1 | 81.1 | 65.5 | 81.4 | 70.8 | 80.7 | 69.5 |
| September | 79.0 | 63.4 | 82.1 | 62.9 | 85.0 | 71.7 | 80.7 | 61.5 | 80.0 | 68.4 | 78.0 | 66.6 |
| October | 79.0 | 64.8 | 79.7 | 63.3 | 83.8 | 67.5 | 79.0 | 61.8 | 78.4 | 66.1 | 77.1 | 65.7 |
| November | 78.0 | 65.6 | 80.2 | 65.1 | 81.7 | 66.5 | 77.7 | 63.1 | 74.3 | 60.6 | 73.6 | 59.8 |
| December | 76.6 | 61.2 | 80.3 | 60.7 | 81.0 | 66.3 | 76.7 | 59.3 | 71.0 | 57.6 | 70.2 | 56.8 |
| **1988 Average** | **76.4** | **63.7** | **78.8** | **63.0** | **81.3** | **67.2** | **77.2** | **61.1** | **75.9** | **64.1** | **74.9** | **63.4** |

See footnotes at end of table.

## Table 12. Refiner/Reseller Premium Motor Gasoline Prices by Sales Type (Continued)
(Cents per Gallon Excluding Taxes)

| Year Month | ID | | MT | | UT | | WY | | PAD V Average | | AK | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **104.8** | **93.3** | **101.9** | **89.0** | **95.5** | **88.8** | **111.9** | **93.4** | **106.4** | **93.5** | W | **93.5** |
| **1985 Average** | **107.6** | **91.9** | **99.8** | **90.8** | **98.5** | **89.9** | **105.7** | **94.7** | **105.4** | **93.2** | W | **96.7** |
| **1986** | | | | | | | | | | | | |
| January | 114.2 | 92.2 | 92.9 | 82.7 | 98.4 | 87.6 | 100.8 | 87.4 | 100.9 | 88.4 | W | 99.9 |
| February | NA | 84.5 | 78.0 | 70.2 | 88.3 | 76.7 | 89.6 | 74.2 | 95.7 | 80.9 | W | 99.3 |
| March | 94.9 | 66.1 | 64.4 | 56.0 | 65.7 | 58.1 | W | 62.7 | 85.9 | 68.8 | W | 92.0 |
| April | 83.6 | 61.8 | 65.8 | 57.5 | 61.9 | 55.8 | 77.5 | 61.2 | 83.2 | 70.0 | W | 78.3 |
| May | 82.3 | 62.9 | 62.8 | 60.2 | 63.7 | 58.7 | 76.1 | 61.8 | 85.2 | 73.0 | W | 71.7 |
| June | 85.4 | 68.6 | 67.6 | 65.1 | 75.9 | 67.6 | 73.5 | 68.0 | 84.0 | 69.8 | W | 70.1 |
| July | 85.1 | 65.9 | 69.2 | 52.9 | 75.0 | 61.1 | 83.1 | 62.4 | 76.9 | 61.9 | W | 70.7 |
| August | 77.8 | 61.0 | 63.3 | 51.3 | 65.4 | 54.8 | 78.0 | 61.8 | 72.4 | 60.3 | NA | 69.2 |
| September | 78.6 | 60.3 | 61.5 | 53.2 | 66.9 | 55.3 | 76.2 | 61.6 | 72.8 | 60.7 | W | 68.2 |
| October | 79.5 | 58.4 | 58.6 | 51.7 | 61.4 | 54.1 | 73.5 | 57.9 | 68.0 | 55.0 | W | 69.8 |
| November | 78.1 | 57.5 | 54.3 | 50.2 | 66.1 | 53.4 | 70.4 | 50.9 | 66.1 | 55.6 | W | 68.2 |
| December | 80.8 | 56.5 | 55.5 | 50.1 | 65.7 | 52.3 | 69.3 | 55.0 | 66.7 | 54.8 | W | 55.0 |
| **1986 Average** | **84.6** | **63.9** | **65.6** | **56.3** | **69.5** | **59.7** | **82.7** | **61.1** | **78.6** | **65.9** | **92.1** | **71.3** |
| **1987** | | | | | | | | | | | | |
| January | 79.1 | 57.5 | 61.1 | 55.0 | 65.8 | 55.8 | 73.9 | 58.8 | 70.7 | 60.9 | W | 66.1 |
| February | 79.8 | 61.8 | 64.1 | 56.8 | 70.2 | 61.0 | 78.6 | 61.9 | 77.8 | 68.3 | NA | 69.0 |
| March | 80.1 | 63.0 | 64.8 | 58.3 | 70.6 | 60.6 | 78.6 | 62.0 | 79.5 | 69.4 | NA | 69.5 |
| April | 80.2 | 63.2 | 66.5 | 59.2 | 72.6 | 59.2 | 79.8 | 61.3 | 80.7 | 70.3 | NA | 72.1 |
| May | 79.6 | 63.5 | 67.7 | 60.8 | 71.1 | 61.0 | 79.2 | 62.9 | 81.3 | 71.9 | W | 74.5 |
| June | 75.4 | 66.1 | 73.7 | 64.1 | 73.2 | 64.1 | 78.5 | 66.6 | 80.7 | 70.7 | W | 75.8 |
| July | 76.4 | NA | 77.4 | 67.1 | 75.0 | 67.3 | 83.1 | 70.4 | 80.4 | 69.7 | W | 76.5 |
| August | 81.8 | 75.3 | 79.0 | 71.0 | 78.3 | 73.5 | 87.2 | 74.9 | 81.6 | 72.2 | NA | 82.3 |
| September | 86.5 | 78.4 | 80.8 | 71.2 | 79.8 | 75.0 | 82.9 | 74.3 | 82.1 | 72.5 | NA | 83.6 |
| October | 86.4 | 76.2 | 80.3 | 69.6 | 78.1 | 73.8 | 82.4 | 70.9 | 82.5 | 73.0 | 106.4 | 84.6 |
| November | 87.3 | 75.3 | 79.0 | 67.5 | 79.5 | 70.6 | 78.6 | 68.2 | 80.2 | 70.8 | 105.1 | 81.8 |
| December | 85.0 | 70.4 | 77.4 | 61.9 | 79.1 | 66.8 | 75.1 | 61.8 | 79.3 | 68.7 | 103.5 | 77.7 |
| **1987 Average** | **81.5** | **69.6** | **74.7** | **64.8** | **74.7** | **66.4** | **80.3** | **67.7** | **80.0** | **70.0** | **98.3** | **76.5** |
| **1988** | | | | | | | | | | | | |
| January | 82.6 | 66.1 | 72.9 | 56.3 | 78.6 | 62.8 | 70.5 | 58.2 | 79.2 | 67.2 | 99.6 | 75.9 |
| February | 79.3 | 63.3 | 68.9 | 54.7 | 76.2 | 59.5 | 71.0 | 58.7 | 77.6 | 65.6 | 99.8 | 76.9 |
| March | 77.8 | 62.1 | 66.0 | 56.6 | 72.9 | 58.6 | 71.5 | 58.8 | 77.5 | 66.0 | 96.0 | 75.8 |
| April | 78.5 | 65.1 | 69.1 | 62.7 | 72.2 | 62.2 | 74.5 | 64.0 | 81.6 | 71.6 | 100.3 | 77.0 |
| May | 79.9 | 67.7 | 72.4 | 64.1 | 77.6 | 64.6 | 77.7 | 67.1 | 83.2 | 72.2 | W | 77.6 |
| June | 81.6 | 67.7 | 74.4 | 64.9 | 80.4 | 65.2 | 79.0 | 67.0 | 83.8 | 73.7 | W | 79.5 |
| July | 82.4 | 69.5 | 76.6 | 68.0 | 78.6 | 66.4 | 81.9 | 69.2 | 84.1 | 75.2 | W | 79.6 |
| August | 84.8 | 73.7 | 79.6 | 70.6 | 82.4 | 71.3 | 84.0 | 72.6 | 84.7 | 76.1 | 100.3 | 80.3 |
| September | 85.8 | 72.6 | 80.1 | 70.3 | 83.8 | 69.7 | 83.5 | 67.7 | 85.1 | 75.5 | 102.2 | 83.7 |
| October | 82.3 | 68.3 | 78.2 | 66.9 | 80.3 | 65.2 | 82.0 | 67.2 | 83.1 | 71.0 | 102.0 | 82.1 |
| November | 79.9 | 64.0 | 73.4 | 59.1 | 73.8 | 60.8 | 80.5 | 61.9 | 80.2 | 68.2 | NA | 82.9 |
| December | 78.0 | 60.8 | 70.5 | 56.7 | 70.2 | 57.7 | 77.8 | 59.2 | 78.6 | 65.9 | NA | 81.7 |
| **1988 Average** | **81.2** | **67.1** | **74.1** | **63.3** | **77.2** | **64.2** | **78.8** | **65.7** | **81.6** | **70.8** | **101.3** | **79.7** |

See footnotes at end of table.

## Table 12. Refiner/Reseller Premium Motor Gasoline Prices by Sales Type (Continued)
(Cents per Gallon Excluding Taxes)

| Year Month | AR | | CA | | HI | | NV | | OR | | WA | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale | Through Company Outlets | Sales for Resale |
| **1984 Average** | **108.2** | **91.0** | **106.6** | **93.6** | **115.5** | **97.9** | **100.5** | **92.8** | **107.5** | **92.7** | **104.1** | **93.0** |
| **1985 Average** | **107.0** | **92.9** | **105.3** | **93.0** | **122.1** | **97.8** | **101.8** | **93.7** | **106.2** | **93.1** | **104.6** | **92.7** |
| **1986** | | | | | | | | | | | | |
| January | 102.1 | 86.8 | 100.0 | 87.7 | 121.1 | 99.3 | 100.1 | 89.2 | 106.6 | 91.5 | 101.2 | 90.0 |
| February | 98.2 | 82.2 | 94.2 | 79.8 | 118.9 | 97.0 | 95.8 | 81.6 | 102.4 | 82.3 | 97.8 | 83.4 |
| March | 93.3 | 71.2 | 86.6 | 68.7 | 107.2 | 84.7 | 86.1 | 69.0 | 81.4 | 63.3 | 80.9 | 65.3 |
| April | 89.2 | 71.9 | 84.6 | 70.5 | 100.3 | 79.5 | 84.8 | 71.6 | 78.8 | 63.2 | 76.9 | 64.1 |
| May | 88.4 | 71.9 | 87.0 | 73.8 | 95.5 | 79.5 | 84.1 | 73.3 | 81.3 | 67.4 | 79.4 | 66.6 |
| June | 86.6 | 68.1 | 84.9 | 69.8 | 97.7 | 81.5 | 83.6 | 69.6 | 84.6 | 68.7 | 79.0 | 68.1 |
| July | 78.6 | 59.7 | 76.5 | 61.2 | W | 76.2 | 74.3 | 62.5 | 80.1 | 64.7 | 76.7 | 63.4 |
| August | 73.9 | 57.3 | 71.7 | 60.0 | 91.9 | 71.7 | 66.0 | 58.1 | 77.1 | 61.4 | 73.2 | 60.8 |
| September | 71.8 | 56.1 | 72.6 | 60.5 | W | 73.9 | 70.2 | 57.8 | 77.1 | 62.0 | 72.2 | 61.0 |
| October | 67.8 | 50.5 | 67.7 | 54.6 | W | 71.2 | 67.4 | 53.1 | 69.7 | 56.2 | 68.7 | 55.5 |
| November | 65.0 | 49.7 | 66.1 | 55.5 | W | 70.6 | 65.9 | 52.6 | 66.2 | 55.8 | 66.1 | 54.1 |
| December | 67.3 | 50.9 | 67.2 | 54.7 | W | 68.5 | 65.6 | 51.0 | 65.4 | 55.8 | 64.6 | 53.8 |
| **1986 Average** | **79.9** | **63.3** | **78.8** | **65.7** | **101.4** | **78.8** | **77.0** | **64.8** | **79.6** | **64.7** | **76.7** | **64.7** |
| **1987** | | | | | | | | | | | | |
| January | 72.3 | 58.7 | 71.5 | 61.3 | W | 70.2 | 66.8 | 54.9 | 67.3 | 59.5 | 68.3 | 56.9 |
| February | 81.6 | 66.4 | 80.0 | 69.2 | W | 79.9 | 69.2 | 59.6 | 71.6 | 63.0 | 71.3 | 60.7 |
| March | 83.9 | 69.8 | 81.5 | 70.1 | W | 82.6 | 72.0 | 61.8 | 72.9 | 63.7 | 73.5 | 62.6 |
| April | 87.6 | 74.3 | 82.2 | 71.0 | W | 82.5 | 74.6 | 64.7 | 73.7 | 64.3 | 75.8 | 62.6 |
| May | 88.7 | 74.6 | 83.0 | 72.9 | W | 85.6 | 75.3 | 65.9 | 73.8 | 64.6 | 75.1 | 63.0 |
| June | 85.5 | 73.6 | 82.1 | 71.0 | 96.4 | 85.9 | 72.4 | 66.5 | 72.9 | 64.5 | 75.7 | 64.0 |
| July | 84.1 | 71.8 | 80.8 | 69.9 | 103.4 | 85.8 | 71.7 | 65.6 | 77.4 | 65.4 | 76.8 | 65.3 |
| August | 84.8 | 73.7 | 81.5 | 72.1 | 105.6 | 88.4 | 71.0 | 67.0 | 79.8 | 69.8 | 79.7 | 68.9 |
| September | 84.4 | 72.9 | 81.9 | 72.3 | 104.9 | 86.0 | 69.9 | 66.4 | 81.3 | 72.4 | 81.6 | 70.6 |
| October | 84.4 | 72.1 | 82.1 | 72.7 | 104.4 | 88.2 | 71.3 | 67.4 | 82.1 | 73.3 | 82.5 | 71.9 |
| November | 82.4 | 69.3 | 79.3 | 70.4 | 102.9 | 85.7 | 71.2 | 65.3 | 80.5 | 72.5 | 81.6 | 70.4 |
| December | 81.2 | 66.6 | 78.3 | 68.2 | 102.1 | 85.5 | 68.3 | 62.0 | 80.6 | 70.8 | 81.5 | 68.0 |
| **1987 Average** | **83.5** | **70.4** | **80.4** | **70.1** | **102.2** | **84.0** | **71.0** | **64.4** | **76.8** | **67.4** | **77.2** | **65.7** |
| **1988** | | | | | | | | | | | | |
| January | 82.8 | 64.2 | 78.6 | 67.1 | 101.0 | 82.0 | 68.6 | 60.7 | 78.8 | 68.4 | 79.0 | 64.9 |
| February | 80.5 | 62.0 | 77.1 | 65.4 | 99.8 | 83.3 | 69.4 | 59.9 | 77.5 | 66.9 | 76.9 | 63.3 |
| March | 79.4 | 61.5 | 77.3 | 66.1 | 99.3 | 82.8 | 70.1 | 61.2 | 76.5 | 66.6 | 76.3 | 62.2 |
| April | 82.9 | 66.2 | 82.8 | 72.6 | 99.3 | 86.3 | 73.9 | 66.5 | 77.6 | 68.0 | 76.6 | 63.7 |
| May | 83.3 | 66.0 | 84.6 | 73.0 | 101.3 | 89.3 | 77.3 | 68.0 | 79.2 | 69.7 | 78.2 | 65.4 |
| June | 83.3 | 66.8 | 85.4 | 74.9 | 101.9 | 90.0 | 79.0 | 70.4 | 80.2 | 70.5 | 78.7 | 66.2 |
| July | 83.8 | 68.1 | 86.1 | 76.6 | 102.6 | 90.5 | 81.3 | 72.5 | 79.2 | 70.8 | 78.6 | 67.2 |
| August | 82.8 | 67.9 | 86.3 | 77.6 | 101.7 | 90.6 | 82.7 | 73.5 | 80.7 | 72.1 | 80.1 | 67.5 |
| September | 83.2 | 67.7 | 86.9 | 76.5 | 101.8 | 90.3 | 83.4 | 72.4 | 81.1 | 73.4 | 79.6 | 68.4 |
| October | 81.9 | 65.0 | 84.1 | 71.3 | 102.2 | 90.7 | 81.1 | 66.0 | 81.4 | 70.9 | 78.9 | 66.3 |
| November | 81.3 | 63.5 | 80.1 | 68.3 | 101.6 | 87.0 | 78.6 | 69.3 | 79.2 | 68.8 | 77.5 | 63.6 |
| December | 80.3 | 62.1 | 78.2 | 65.7 | 100.7 | 84.4 | 76.3 | 63.2 | 79.5 | 67.9 | 76.4 | 62.4 |
| **1988 Average** | **82.1** | **65.2** | **82.3** | **71.4** | **101.1** | **87.4** | **76.8** | **67.6** | **79.3** | **69.7** | **78.1** | **65.2** |

NA = Not Available.
W = Withheld to avoid disclosure of individual company data.
Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

# Table 13. No. 2 Distillate Prices
(Cents per Gallon Excluding Taxes)

| Year Month | Sales to End Users | | | | | | Sales for Resale |
|---|---|---|---|---|---|---|---|
| | To Residential Consumers[a] | To Commercial/ Institutional Consumers | To Industrial Consumers | Sales Through Company Outlets[b] | To Other End Users[c] | Average | |
| **1983 Average** | **107.8** | **86.3** | **88.3** | **94.3** | **89.7** | **93.3** | **81.8** |
| **1984 Average** | **109.1** | **85.7** | **87.0** | **92.0** | **89.2** | **92.6** | **81.9** |
| **1985 Average** | **105.3** | **82.1** | **83.4** | **88.6** | **85.3** | **89.0** | **78.1** |
| **1986** | | | | | | | |
| January | 106.4 | 81.3 | 80.0 | 88.9 | 81.8 | 91.7 | 74.2 |
| February | 95.8 | 64.2 | 64.4 | 75.1 | 67.5 | 77.4 | 57.4 |
| March | 88.7 | 55.7 | 56.8 | 64.5 | 58.7 | 66.4 | 51.2 |
| April | 81.2 | 51.7 | 54.7 | 61.5 | 59.6 | 61.1 | 46.8 |
| May | 77.4 | 49.0 | 53.0 | 60.0 | 58.0 | 57.4 | 45.5 |
| June | 72.8 | 44.1 | 47.4 | 56.5 | 54.0 | 52.1 | 40.8 |
| July | 67.0 | 38.3 | 43.2 | 50.2 | 45.7 | 45.2 | 35.4 |
| August | 66.3 | 42.8 | 47.9 | 52.7 | 49.2 | 49.1 | 40.1 |
| September | 68.1 | 44.6 | 48.8 | 53.8 | 50.8 | 51.1 | 42.3 |
| October | 67.4 | 43.5 | 47.7 | 52.7 | 50.7 | 51.0 | 41.6 |
| November | 68.2 | 45.3 | 48.8 | 54.1 | 51.4 | 54.4 | 42.7 |
| December | 70.6 | 48.0 | 50.6 | 55.2 | 52.5 | 58.0 | 44.7 |
| **1986 Average** | **83.6** | **51.4** | **53.7** | **59.8** | **56.9** | **61.4** | **48.0** |
| **1987** | | | | | | | |
| January | 78.5 | 53.6 | 55.9 | 60.2 | 58.0 | 64.4 | 50.8 |
| February | 79.9 | 54.0 | 55.9 | 61.2 | 58.1 | 64.9 | 50.2 |
| March | 79.1 | 52.7 | 55.4 | 60.7 | 58.0 | 62.2 | 49.7 |
| April | 78.7 | 53.0 | 55.9 | 61.2 | 60.8 | 60.9 | 50.3 |
| May | 78.6 | 54.4 | 57.7 | 62.2 | 61.8 | 60.7 | 52.5 |
| June | 77.8 | 55.6 | 58.7 | 63.4 | 62.8 | 61.0 | 53.1 |
| July | 78.7 | 57.3 | 60.5 | 65.2 | 64.2 | 62.3 | 55.3 |
| August | 78.8 | 58.7 | 61.6 | 66.3 | 65.0 | 63.7 | 55.6 |
| September | 78.9 | 57.6 | 60.6 | 66.7 | 65.5 | 63.7 | 54.8 |
| October | 81.2 | 60.6 | 64.1 | 67.4 | 68.0 | 67.0 | 57.4 |
| November | 83.5 | 61.6 | 63.5 | 68.3 | 66.5 | 69.1 | 57.6 |
| December | 84.0 | 59.2 | 60.8 | 67.4 | 63.0 | 69.0 | 54.3 |
| **1987 Average** | **80.3** | **56.6** | **59.7** | **64.4** | **63.1** | **64.3** | **53.5** |
| **1988** | | | | | | | |
| January | 84.7 | 57.4 | 58.3 | 65.2 | 60.1 | 69.3 | 52.0 |
| February | 83.9 | 54.4 | 56.5 | 63.5 | 59.4 | 66.6 | 49.8 |
| March | 83.1 | 53.4 | 55.6 | 62.6 | 61.2 | 64.0 | 49.1 |
| April | 83.1 | 55.6 | 58.1 | 63.8 | 63.2 | 63.9 | 51.8 |
| May | 81.9 | 54.7 | 57.2 | 64.1 | 62.1 | 61.6 | 51.4 |
| June | 79.1 | 51.2 | 54.4 | 62.4 | 59.4 | 57.7 | 48.1 |
| July | 76.7 | 47.9 | 51.2 | 60.9 | 56.6 | 54.8 | 44.6 |
| August | 73.7 | 48.3 | 51.1 | 60.1 | 56.2 | 54.7 | 45.4 |
| September | 75.9 | 48.4 | 51.2 | 59.2 | 56.9 | 55.8 | 44.8 |
| October | 75.5 | 47.3 | 50.4 | 58.4 | 56.2 | 56.4 | 42.8 |
| November | 77.2 | 49.9 | 52.5 | 59.0 | 55.6 | 59.2 | 45.6 |
| December | 81.4 | 54.0 | 55.4 | 61.4 | 57.1 | 64.9 | 50.1 |
| **1988 Average** | **81.3** | **51.9** | **54.2** | **61.6** | **58.7** | **61.2** | **48.2** |

[a] No. 2 fuel oil only.
[b] No. 2 diesel fuel only.
[c] Sales to "other end users" are 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 Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

# Table 14. Prices of No. 2 Distillate to Residences
(Cents per Gallon Excluding Taxes)

| Year Month | CT | ME | MA | NH | RI | VT | DE | DC | MD | NJ | NY | PA | VA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1978 Average** | **50.1** | **48.6** | **48.8** | **50.3** | **50.7** | **50.8** | **47.8** | **50.7** | **49.2** | **49.6** | **50.1** | **48.8** | **49.1** |
| **1979 Average** | **72.0** | **68.8** | **70.9** | **72.5** | **72.8** | **72.5** | **68.2** | **74.2** | **70.1** | **71.0** | **71.2** | **69.8** | **70.4** |
| **1980 Average** | **98.3** | **96.3** | **97.8** | **100.4** | **101.1** | **101.5** | **95.4** | **102.6** | **97.9** | **97.9** | **98.2** | **96.4** | **98.5** |
| **1981 Average** | **121.7** | **120.4** | **121.3** | **123.7** | **123.8** | **125.4** | **117.3** | **127.4** | **121.4** | **121.5** | **123.2** | **118.1** | **120.5** |
| **1982 Average** | **118.3** | **115.5** | **117.6** | **117.4** | **120.1** | **120.1** | **111.3** | **124.5** | **117.1** | **117.4** | **120.5** | **113.7** | **117.7** |
| **1983 Average** | **109.1** | **102.8** | **109.1** | **104.1** | **110.5** | **112.9** | **106.0** | **117.0** | **110.3** | **107.9** | **112.1** | **105.8** | **108.7** |
| **1984 Average** | **112.1** | **103.9** | **111.6** | **108.4** | **111.4** | **111.9** | **109.6** | **118.7** | **113.5** | **111.0** | **115.5** | **107.9** | **110.5** |
| **1985 Average** | **108.0** | **99.7** | **107.0** | **102.4** | **106.7** | **107.7** | **104.6** | **114.3** | **108.8** | **105.9** | **111.3** | **102.3** | **106.3** |
| **1986** | | | | | | | | | | | | | |
| January | 111.5 | 101.1 | 105.9 | 103.7 | 101.8 | 109.0 | 102.3 | 116.5 | 112.2 | 107.7 | 111.5 | 104.7 | 106.9 |
| February | 99.5 | 90.9 | 90.6 | 88.6 | 93.4 | 100.2 | 93.9 | 105.5 | 99.9 | 98.3 | 102.7 | 95.3 | 98.2 |
| March | 93.5 | 86.5 | 85.8 | 84.3 | 84.6 | 95.6 | 87.0 | 97.6 | 93.9 | 91.5 | 96.3 | 87.2 | 90.8 |
| April | 86.2 | 77.9 | 76.8 | 75.2 | 79.7 | 89.0 | 77.1 | 93.2 | 88.5 | 84.8 | 87.6 | 78.1 | 84.5 |
| May | 80.7 | 74.5 | 74.2 | 70.7 | 76.6 | 84.7 | 74.3 | 87.9 | 84.9 | 80.1 | 85.0 | 72.6 | 75.1 |
| June | 77.6 | 68.5 | 68.7 | 65.4 | 69.0 | 78.9 | 73.7 | 81.7 | 79.7 | 75.6 | 81.4 | 66.0 | 74.3 |
| July | 68.5 | 59.4 | 65.6 | 63.3 | 69.2 | 70.8 | 65.5 | 74.7 | 71.4 | 75.8 | 72.3 | 63.6 | 69.5 |
| August | 66.9 | 58.5 | 65.0 | 63.3 | 69.1 | 68.8 | 66.6 | 70.7 | 70.7 | 72.4 | 71.3 | 62.6 | 71.5 |
| September | 68.4 | 58.2 | 67.8 | 63.0 | 69.6 | 69.4 | 67.0 | 72.1 | 70.2 | 73.4 | 73.7 | 63.6 | 70.9 |
| October | 68.9 | 58.7 | 68.2 | 64.3 | 68.7 | 69.5 | 66.6 | 74.2 | 72.4 | 74.7 | 73.9 | 64.1 | 69.5 |
| November | 70.2 | 59.3 | 69.3 | 65.3 | 71.6 | 70.5 | 67.9 | 77.0 | 73.5 | 74.6 | 76.0 | 66.1 | 68.9 |
| December | 72.5 | 66.3 | 72.6 | 69.5 | 74.6 | 72.4 | 71.2 | 80.8 | 77.1 | 76.7 | 78.8 | 68.2 | 70.6 |
| **1986 Average** | **89.0** | **74.4** | **82.1** | **75.9** | **82.8** | **86.6** | **85.0** | **93.1** | **91.4** | **90.2** | **91.1** | **81.4** | **86.6** |
| **1987** | | | | | | | | | | | | | |
| January | 80.0 | 72.7 | 80.5 | 76.2 | 79.8 | 78.2 | 78.1 | 87.3 | 82.0 | 83.5 | 84.0 | 75.2 | 75.8 |
| February | 83.4 | 73.1 | 80.3 | 75.4 | 81.5 | 79.5 | 79.4 | 92.6 | 84.8 | 84.7 | 85.0 | 76.0 | 79.6 |
| March | 82.2 | 74.2 | 79.6 | 74.0 | 81.5 | 79.1 | 79.4 | 91.9 | 85.4 | 83.0 | 84.4 | 74.6 | 80.1 |
| April | 82.4 | 75.0 | 79.0 | 73.5 | 81.4 | 78.4 | 77.9 | 91.6 | 84.4 | 82.6 | 84.3 | 74.1 | 81.3 |
| May | 82.8 | 74.9 | 79.9 | 74.7 | 80.8 | 79.8 | 78.4 | 91.0 | 83.7 | 82.0 | 84.9 | 73.2 | 79.6 |
| June | 81.6 | 74.1 | 78.6 | 74.4 | 79.5 | 79.9 | 74.8 | 92.3 | 85.8 | 82.1 | 83.5 | 70.8 | 77.8 |
| July | 82.2 | 74.5 | 78.7 | 74.3 | 80.5 | 80.8 | 74.7 | 90.2 | 87.2 | 82.4 | 82.7 | 72.6 | 78.5 |
| August | 82.0 | 74.8 | 77.2 | 75.7 | 79.4 | 80.3 | 74.8 | 92.4 | 87.1 | 81.8 | 83.4 | 73.9 | 77.9 |
| September | 82.5 | 74.7 | 78.9 | 76.0 | 80.5 | 81.1 | 76.2 | 91.4 | 87.3 | 82.5 | 82.8 | 74.8 | 78.8 |
| October | 84.3 | 73.4 | 81.0 | 78.0 | 83.0 | 83.5 | 78.8 | 92.1 | 88.4 | 84.2 | 85.3 | 77.7 | 81.0 |
| November | 87.3 | 75.2 | 83.1 | 79.3 | 86.2 | 84.3 | 82.4 | 93.5 | 90.4 | 86.3 | 87.4 | 80.8 | 82.9 |
| December | 87.8 | 79.1 | 83.7 | 81.9 | 87.1 | 84.9 | 82.5 | 95.3 | 90.6 | 87.2 | 88.0 | 81.7 | 82.5 |
| **1987 Average** | **83.4** | **74.7** | **80.6** | **76.5** | **82.5** | **81.1** | **79.3** | **91.8** | **86.6** | **84.3** | **85.2** | **76.9** | **79.5** |
| **1988** | | | | | | | | | | | | | |
| January | 88.9 | 80.3 | 85.6 | 82.5 | 87.1 | 85.9 | 83.9 | 95.8 | 90.9 | 88.1 | 89.1 | 82.9 | 82.7 |
| February | 89.0 | 79.7 | 84.1 | 81.6 | 86.4 | 85.9 | 83.2 | 96.0 | 90.3 | 87.7 | 88.4 | 82.0 | 83.4 |
| March | 87.4 | 79.2 | 83.3 | 80.3 | 84.7 | 85.0 | 81.5 | 93.1 | 88.2 | 86.8 | 87.3 | 81.1 | 83.8 |
| April | 88.1 | 78.7 | 83.2 | 79.0 | 85.4 | 85.0 | 82.5 | 91.8 | 89.1 | 85.8 | 86.7 | 80.5 | 83.0 |
| May | 87.6 | 77.6 | 82.3 | 78.3 | 85.1 | 84.4 | 82.5 | 93.9 | 87.9 | 85.4 | 84.9 | 79.1 | 81.7 |
| June | 86.4 | 75.4 | 78.3 | 79.3 | 81.4 | 83.8 | 80.9 | 89.7 | 86.8 | 82.5 | 83.5 | 74.6 | 79.1 |
| July | 83.5 | 73.3 | 77.1 | 76.6 | 76.3 | 81.3 | 73.4 | 87.6 | 85.0 | 80.9 | 81.7 | 71.1 | 77.3 |
| August | 81.9 | 75.7 | 74.2 | 73.8 | 79.7 | 80.3 | 73.9 | 85.9 | 84.2 | 78.6 | 78.0 | 63.9 | 77.0 |
| September | 80.8 | 71.7 | 80.0 | 73.3 | 78.4 | 78.5 | 72.6 | 85.8 | 76.0 | 76.3 | 83.0 | 68.6 | 75.8 |
| October | 79.9 | 69.0 | 77.7 | 71.5 | 75.5 | 77.0 | 71.8 | 84.1 | 78.3 | 77.8 | 81.7 | 69.5 | 74.8 |
| November | 80.5 | 72.0 | 77.9 | 72.3 | 79.7 | 77.8 | 74.8 | 85.6 | 81.3 | 78.8 | 83.3 | 70.9 | 77.1 |
| December | 84.4 | 80.2 | 82.8 | 77.3 | 83.4 | 81.6 | 79.6 | 89.8 | 85.0 | 84.0 | 87.8 | 76.5 | 79.6 |
| **1988 Average** | **85.3** | **77.7** | **82.1** | **78.2** | **83.6** | **82.6** | **80.1** | **91.6** | **87.0** | **84.8** | **86.3** | **77.8** | **80.5** |

See footnotes at end of table.

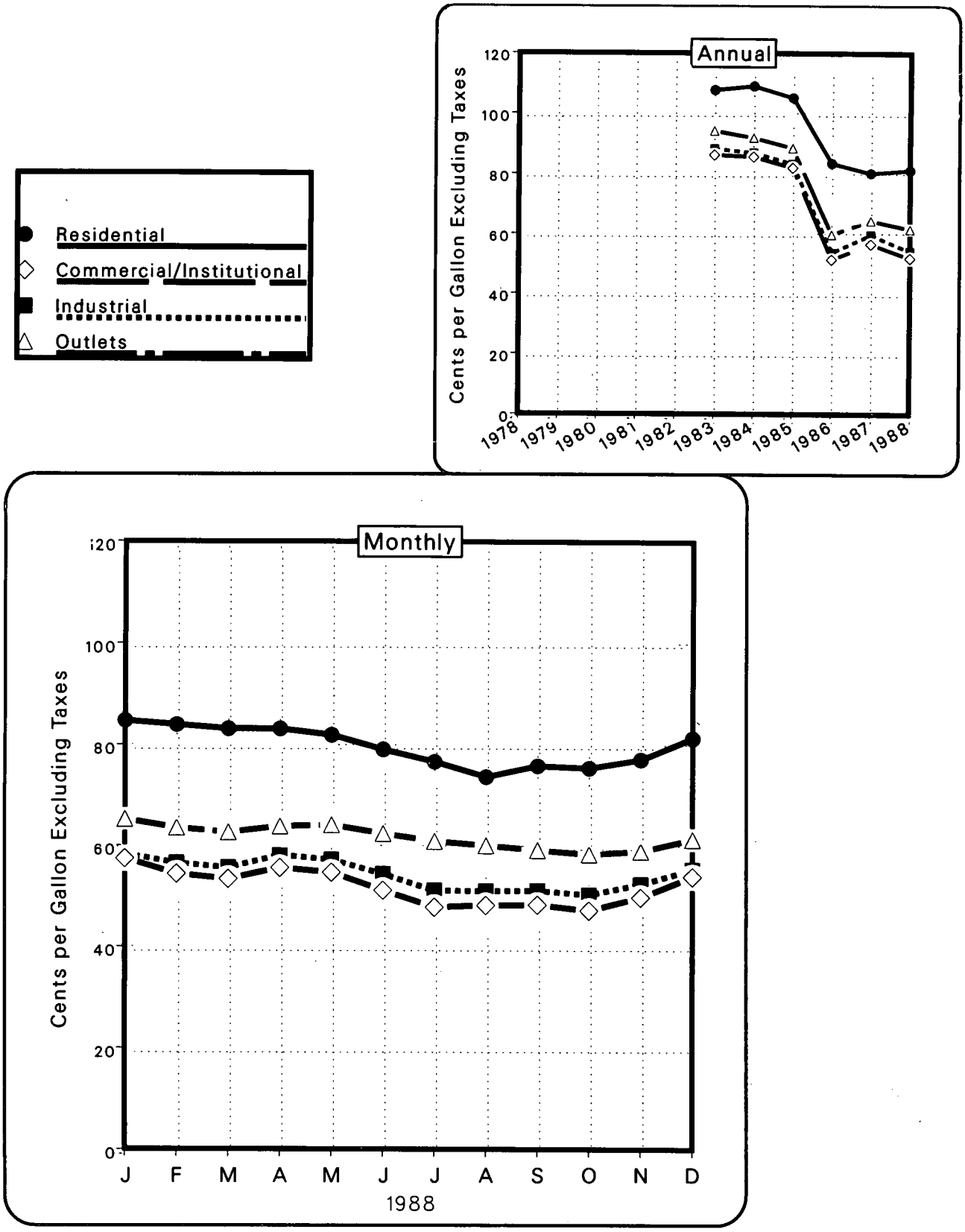
## Table 14. Prices of No. 2 Distillate to Residences (Continued)
(Cents per Gallon Excluding Taxes)

| Year Month | WV | IL | IN | MI | MN | OH | WI | ID | AK | OR | WA | U.S. Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1978 Average** | **46.2** | **46.5** | **48.5** | **47.9** | **47.8** | **47.4** | **44.7** | **43.6** | **53.2** | **45.8** | **48.6** | **49.0** |
| **1979 Average** | **65.1** | **68.8** | **72.7** | **70.9** | **72.4** | **68.6** | **67.3** | **62.1** | **68.2** | **68.0** | **69.7** | **70.4** |
| **1980 Average** | **92.2** | **95.8** | **99.6** | **97.8** | **99.9** | **91.9** | **91.5** | **91.6** | **97.8** | **97.3** | **100.8** | **97.4** |
| **1981 Average** | **115.0** | **114.9** | **118.5** | **118.3** | **118.4** | **113.2** | **109.1** | **110.4** | **118.0** | **111.4** | **116.5** | **119.4** |
| **1982 Average** | **109.3** | **110.9** | **114.3** | **113.9** | **115.1** | **110.2** | **107.8** | **110.4** | **117.4** | **111.6** | **117.6** | **116.0** |
| **1983 Average** | **101.0** | **100.4** | **100.7** | **106.4** | **103.1** | **101.3** | **101.2** | **101.8** | **108.8** | **103.6** | **109.0** | **107.8** |
| **1984 Average** | **102.1** | **100.1** | **103.1** | **105.0** | **104.1** | **102.1** | **101.0** | **98.5** | **106.9** | **99.3** | **102.6** | **109.1** |
| **1985 Average** | **98.0** | **97.5** | **99.1** | **102.1** | **101.9** | **99.7** | **98.3** | **97.2** | **108.3** | **97.1** | **101.1** | **105.3** |
| **1986** | | | | | | | | | | | | |
| January | 99.8 | 97.6 | 99.9 | 102.6 | 100.5 | 100.7 | 96.5 | 97.1 | 106.5 | 100.1 | 104.6 | 106.4 |
| February | 87.8 | 82.9 | 85.0 | 91.9 | 86.2 | 91.9 | 83.9 | 91.2 | 103.7 | 83.5 | 90.4 | 95.8 |
| March | 79.6 | 74.7 | 75.6 | 80.6 | 80.2 | 80.8 | 75.9 | 76.2 | 113.8 | 65.9 | 75.3 | 88.7 |
| April | 70.6 | 69.9 | 74.0 | 74.5 | 76.4 | 78.1 | 73.8 | 69.9 | 95.6 | 62.5 | 74.9 | 81.2 |
| May | 67.4 | 72.9 | 67.2 | 72.4 | 79.5 | 75.2 | 71.8 | 74.8 | 94.3 | 64.1 | 71.2 | 77.4 |
| June | 63.4 | 67.4 | 66.6 | 65.5 | 74.6 | 69.0 | 69.0 | 66.9 | 89.0 | 60.0 | 65.3 | 72.8 |
| July | 53.9 | NA | 60.1 | 67.2 | 69.5 | 62.3 | 63.6 | 62.2 | NA | 55.7 | 60.2 | 67.0 |
| August | 59.7 | 64.7 | 65.6 | 69.7 | 67.6 | 62.5 | 63.7 | 58.6 | 84.2 | 55.6 | 60.6 | 66.3 |
| September | 61.3 | 65.5 | 66.7 | 70.7 | 70.0 | 64.2 | 67.9 | 59.4 | 89.2 | 61.9 | 66.9 | 68.1 |
| October | 63.0 | 60.0 | 65.2 | 69.8 | 67.7 | 61.5 | 63.3 | 60.8 | 79.2 | 62.3 | 68.2 | 67.4 |
| November | 67.3 | NA | 65.1 | 70.3 | 68.0 | 61.0 | 66.0 | 62.1 | 80.1 | 62.6 | 68.8 | 68.2 |
| December | 71.7 | NA | 68.5 | 72.5 | 68.3 | 64.8 | 69.0 | 61.6 | 85.4 | 63.9 | 66.7 | 70.6 |
| **1986 Average** | **74.6** | NA | **74.8** | **81.0** | **79.2** | **77.7** | **75.6** | **73.8** | **94.9** | **70.4** | **77.5** | **83.6** |
| **1987** | | | | | | | | | | | | |
| January | 75.6 | 76.9 | 73.0 | 76.6 | 71.8 | 71.1 | 72.6 | 63.1 | 86.4 | 68.1 | 73.0 | 78.5 |
| February | 77.6 | 78.1 | 72.3 | 76.7 | 71.7 | 73.3 | 73.9 | 65.1 | 86.9 | 71.4 | 75.9 | 79.9 |
| March | 75.2 | 78.3 | 71.2 | 76.1 | 71.6 | 71.9 | 74.0 | 65.7 | 83.3 | 70.9 | 76.1 | 79.1 |
| April | 73.2 | 78.3 | 73.1 | 74.7 | 71.8 | 71.1 | 74.1 | 65.4 | 76.5 | 70.3 | 75.9 | 78.7 |
| May | 74.8 | 80.1 | 75.8 | 75.1 | 72.4 | 70.9 | 71.6 | 65.2 | 78.2 | 69.5 | 74.0 | 78.6 |
| June | 74.2 | 80.5 | 75.9 | 76.1 | 72.7 | 75.0 | 74.3 | 70.0 | 84.6 | 67.6 | 74.2 | 77.8 |
| July | 74.2 | 79.9 | 76.7 | 77.1 | 75.5 | 76.5 | 73.5 | 70.5 | 87.5 | NA | 77.4 | 78.7 |
| August | 75.6 | 83.7 | 77.1 | 77.4 | 75.9 | 73.4 | 74.5 | 74.9 | 88.7 | NA | 79.3 | 78.8 |
| September | 74.2 | 79.4 | 77.1 | 77.4 | 74.4 | 74.6 | 74.3 | 77.3 | 89.5 | 77.1 | 81.2 | 78.9 |
| October | 74.9 | 87.3 | 79.4 | 78.1 | 78.9 | 76.9 | 77.5 | 76.3 | 92.6 | 75.1 | 82.8 | 81.2 |
| November | 78.3 | 88.2 | 80.8 | 80.9 | 79.7 | 79.1 | 79.3 | 77.3 | 92.3 | 74.7 | 84.3 | 83.5 |
| December | 80.5 | 85.2 | 79.6 | 80.2 | 77.0 | 78.7 | 78.4 | 76.8 | 90.6 | 75.8 | 84.8 | 84.0 |
| **1987 Average** | **76.4** | **79.8** | **75.4** | **77.5** | **74.6** | **74.7** | **75.1** | **68.8** | **86.5** | **72.5** | **79.5** | **80.3** |
| **1988** | | | | | | | | | | | | |
| January | 78.7 | 85.4 | 78.3 | 81.2 | 75.5 | 77.2 | 76.9 | 74.4 | 88.3 | 76.0 | 83.2 | 84.7 |
| February | 76.1 | 86.1 | 76.7 | 80.9 | 74.4 | 77.1 | 76.0 | 71.7 | 85.6 | 74.9 | 82.1 | 83.9 |
| March | 75.6 | 86.1 | 77.4 | 78.2 | 72.6 | 76.1 | 75.8 | 70.6 | 88.7 | 73.5 | 81.3 | 83.1 |
| April | 74.6 | 87.4 | 79.0 | 78.8 | 73.1 | 77.1 | 77.7 | 73.3 | 86.6 | 75.0 | 82.1 | 83.1 |
| May | 73.6 | 86.7 | 76.6 | 77.5 | 74.3 | 74.5 | 76.8 | 71.9 | 88.9 | 74.6 | 82.3 | 81.9 |
| June | 71.8 | 82.9 | 80.1 | 73.7 | 73.5 | 71.9 | 74.6 | 70.5 | 88.1 | 73.9 | 78.0 | 79.1 |
| July | 70.3 | 83.8 | 74.0 | 73.3 | 75.7 | 70.0 | 72.7 | 67.7 | 85.5 | 66.4 | 73.5 | 76.7 |
| August | 67.9 | 80.3 | 74.1 | 73.9 | 72.2 | 69.2 | 71.2 | 64.3 | 85.7 | 64.3 | 70.1 | 73.7 |
| September | 69.3 | 68.6 | 69.5 | 74.2 | 72.4 | 72.0 | 68.8 | 67.4 | 89.7 | 64.8 | 73.9 | 75.9 |
| October | 71.3 | 69.4 | 71.2 | 75.4 | 71.1 | 71.2 | 68.0 | 66.8 | 86.2 | 62.4 | 71.0 | 75.5 |
| November | 74.1 | 70.6 | 72.1 | 75.6 | 72.7 | 73.0 | 69.9 | 66.6 | 85.3 | 63.4 | 73.4 | 77.2 |
| December | 73.9 | 73.1 | 75.3 | 77.0 | 73.0 | 75.2 | 71.6 | 66.9 | 85.6 | 64.2 | 75.7 | 81.4 |
| **1988 Average** | **74.2** | **77.6** | **75.4** | **77.5** | **73.5** | **74.7** | **73.9** | **68.8** | **86.9** | **70.9** | **78.5** | **81.3** |

NA = Not Available.

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

**Figure 9. No. 2 Distillate Average Retail Prices**



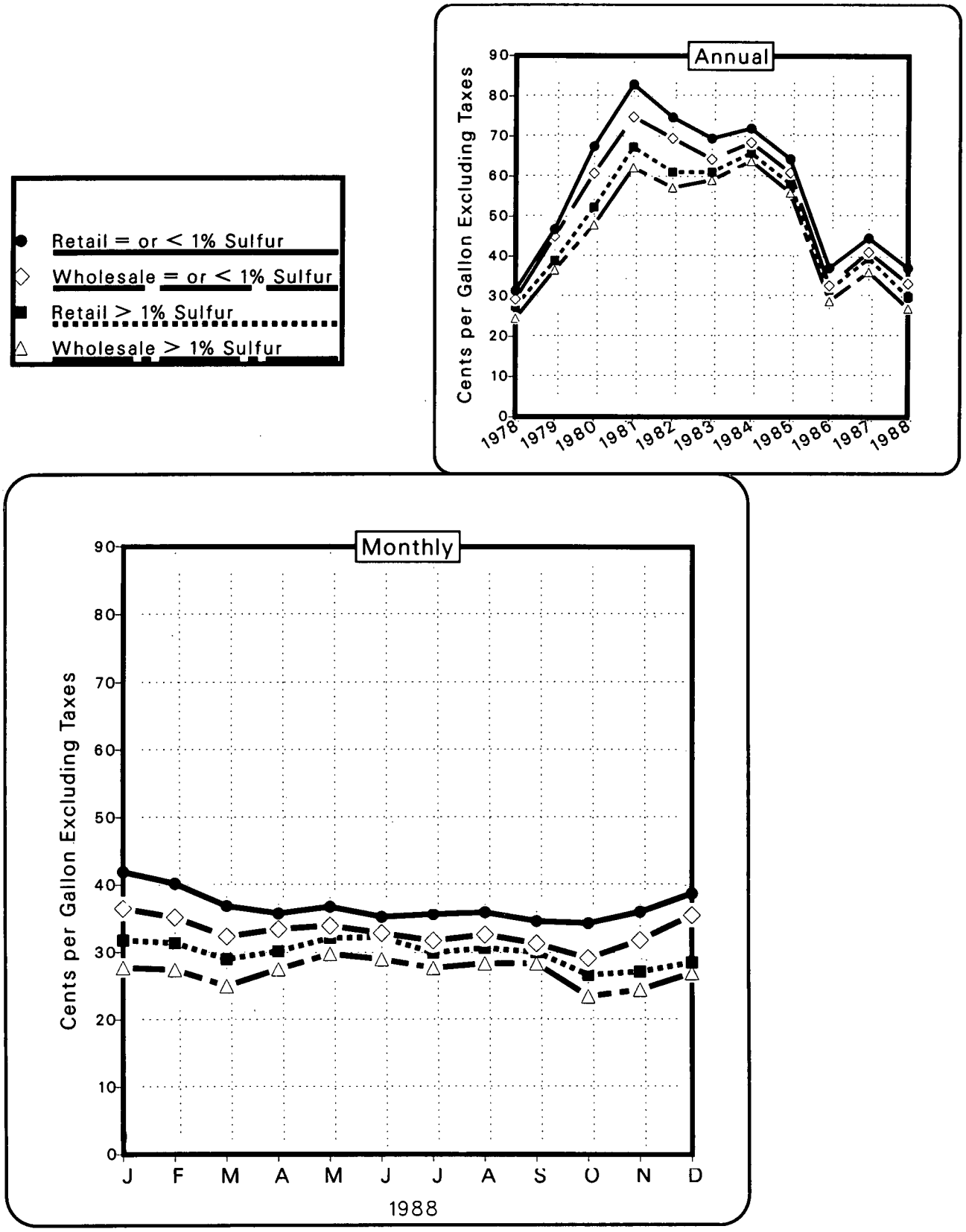

Source: Energy Information Administration, "Petroleum Marketing Annual," Table 13.

# Table 15. Refiner Residual Fuel Oil Prices
(Cents per Gallon Excluding Taxes)

| Year Month | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent | | Residual Fuel Oil Sulfur Content 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 Average** | **31.4** | **29.3** | **27.5** | **24.5** | **29.8** | **26.3** |
| **1979 Average** | **46.8** | **45.0** | **38.9** | **36.6** | **43.6** | **39.9** |
| **1980 Average** | **67.5** | **60.8** | **52.3** | **47.9** | **60.7** | **52.8** |
| **1981 Average** | **82.9** | **74.8** | **67.3** | **62.2** | **75.6** | **66.3** |
| **1982 Average** | **74.7** | **69.5** | **61.1** | **57.2** | **67.6** | **61.2** |
| **1983 Average** | **69.5** | **64.3** | **61.1** | **59.1** | **65.1** | **60.9** |
| **1984 Average** | **72.0** | **68.5** | **65.9** | **63.9** | **68.7** | **65.4** |
| **1985 Average** | **64.4** | **61.0** | **58.2** | **56.0** | **61.0** | **57.7** |
| **1986** | | | | | | |
| January | 62.0 | 56.0 | 52.8 | 49.7 | 57.1 | 51.8 |
| February | 49.0 | 43.0 | 42.7 | 36.5 | 45.8 | 38.7 |
| March | 42.7 | 37.0 | 35.7 | 28.7 | 39.0 | 31.8 |
| April | 36.8 | 31.0 | 30.1 | 26.0 | 33.0 | 28.0 |
| May | 35.0 | 30.1 | 26.8 | 23.6 | 30.1 | 26.5 |
| June | 32.3 | 29.9 | 26.8 | 23.1 | 29.8 | 26.2 |
| July | 27.4 | 23.7 | 24.4 | 20.4 | 25.9 | 21.9 |
| August | 29.3 | 26.5 | 23.2 | 21.7 | 26.5 | 23.4 |
| September | 31.5 | 29.7 | 28.2 | 26.6 | 29.8 | 28.1 |
| October | 31.9 | 28.7 | 28.8 | 26.4 | 30.1 | 27.6 |
| November | 33.7 | 29.3 | 29.0 | 25.2 | 31.2 | 27.4 |
| December | 37.7 | 34.0 | 31.6 | 27.7 | 34.8 | 30.4 |
| **1986 Average** | **37.2** | **32.8** | **31.7** | **28.9** | **34.3** | **30.5** |
| **1987** | | | | | | |
| January | 45.5 | 39.3 | 37.9 | 35.7 | 42.0 | 37.4 |
| February | 43.8 | 40.0 | 38.3 | 34.4 | 41.2 | 37.1 |
| March | 43.4 | 38.8 | 37.2 | 33.4 | 40.0 | 35.8 |
| April | 43.9 | 39.7 | 39.9 | 35.5 | 42.0 | 37.1 |
| May | 44.9 | 41.1 | 41.7 | 38.6 | 43.4 | 39.6 |
| June | 45.8 | 43.7 | 43.5 | 40.6 | 44.8 | 42.0 |
| July | 48.3 | 44.9 | 44.1 | 41.9 | 46.4 | 43.4 |
| August | 46.0 | 44.6 | 44.0 | 41.4 | 45.0 | 42.9 |
| September | 44.0 | 41.4 | 39.7 | 36.8 | 41.7 | 39.1 |
| October | 44.5 | 41.3 | 39.5 | 36.3 | 41.9 | 38.8 |
| November | 45.0 | 41.3 | 38.7 | 34.6 | 42.1 | 37.5 |
| December | 41.4 | 39.2 | 33.0 | 28.2 | 37.8 | 33.9 |
| **1987 Average** | **44.7** | **41.2** | **39.6** | **36.2** | **42.3** | **38.5** |
| **1988** | | | | | | |
| January | 41.9 | 36.5 | 31.8 | 27.7 | 36.7 | 32.4 |
| February | 40.2 | 35.2 | 31.4 | 27.4 | 35.6 | 32.2 |
| March | 36.9 | 32.4 | 29.0 | 25.0 | 32.9 | 28.6 |
| April | 35.8 | 33.5 | 30.2 | 27.5 | 32.4 | 30.2 |
| May | 36.8 | 34.0 | 32.2 | 29.8 | 33.9 | 31.5 |
| June | 35.3 | 32.9 | 32.3 | 29.0 | 33.6 | 31.0 |
| July | 35.7 | 31.8 | 30.0 | 27.7 | 32.3 | 29.5 |
| August | 36.0 | 32.7 | 30.7 | 28.4 | 33.2 | 30.6 |
| September | 34.7 | 31.4 | 30.1 | 28.4 | 32.1 | 29.5 |
| October | 34.4 | 29.2 | 26.7 | 23.5 | 30.5 | 25.6 |
| November | 36.1 | 31.9 | 27.2 | 24.5 | 32.3 | 28.0 |
| December | 38.8 | 35.6 | 28.6 | 27.0 | 34.3 | 29.8 |
| **1988 Average** | **37.2** | **33.3** | **30.0** | **27.1** | **33.4** | **30.0** |

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

**Figure 10. Refiner Residual Fuel Oil Prices**



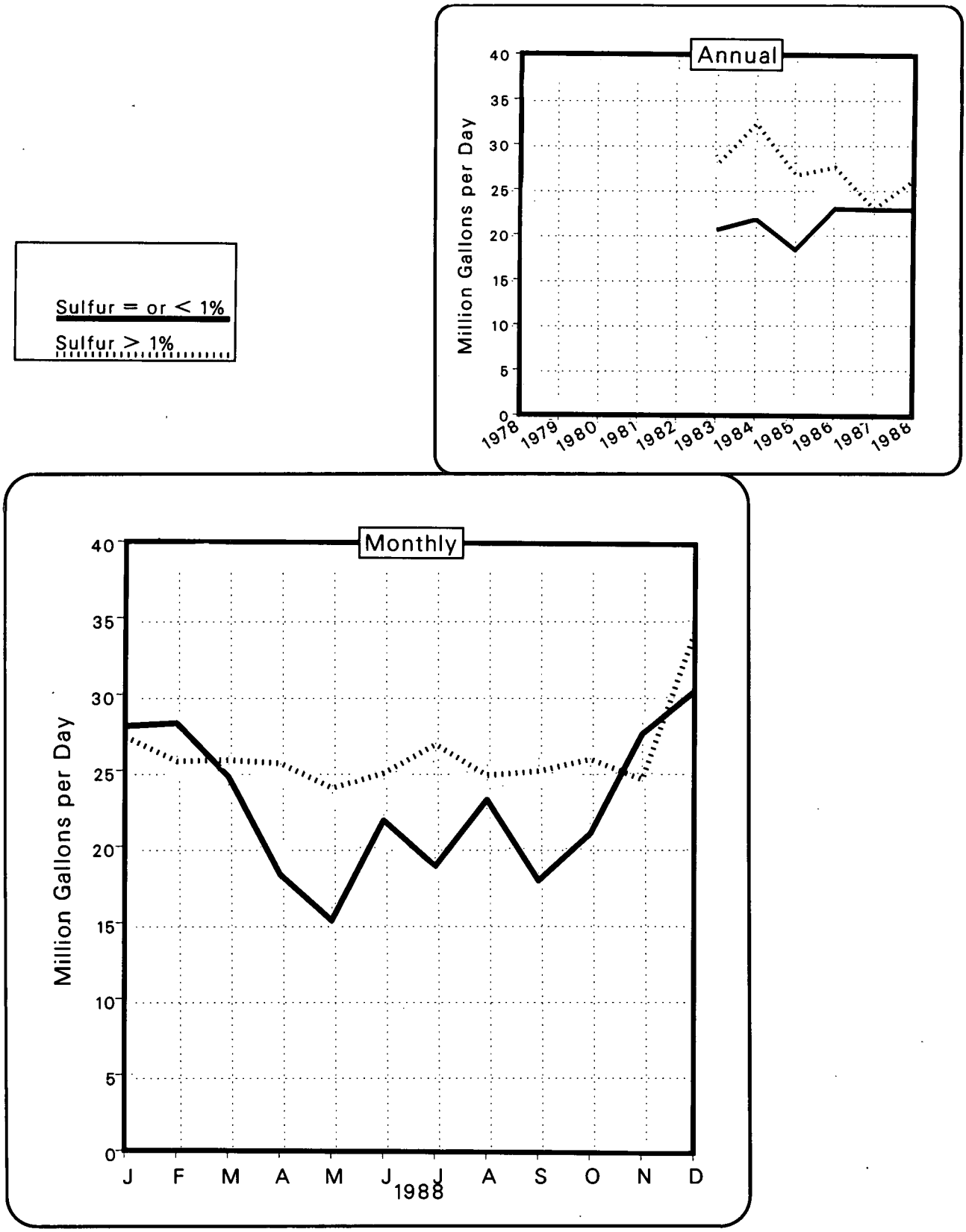

Source: Energy Information Administration, "Petroleum Marketing Annual," Table 15.

# Table 16. Refiner Residual Fuel Oil Volumes
(Million Gallons per Day)

| Year Month | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent | | Residual Fuel Oil Sulfur Content 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 Average** | **13.4** | **7.2** | **14.9** | **12.9** | **28.3** | **20.2** |
| **1984 Average** | **15.1** | **6.7** | **17.8** | **14.6** | **32.9** | **21.3** |
| **1985 Average** | **11.4** | **7.0** | **13.8** | **12.9** | **25.2** | **19.9** |
| **1986** | | | | | | |
| January | 14.7 | 6.5 | 16.7 | 13.9 | 31.4 | 20.4 |
| February | 15.0 | 6.5 | 16.1 | 13.0 | 31.1 | 19.5 |
| March | 14.7 | 7.7 | 16.9 | 12.9 | 31.6 | 20.6 |
| April | 13.0 | 7.9 | 17.1 | 12.3 | 30.1 | 20.2 |
| May | 12.1 | 8.3 | 17.6 | 10.5 | 29.6 | 18.8 |
| June | 16.8 | 8.9 | 14.4 | 10.5 | 31.2 | 19.4 |
| July | 16.7 | 7.5 | 17.1 | 8.7 | 33.8 | 16.2 |
| August | 18.8 | 6.2 | 15.5 | 10.6 | 34.3 | 16.8 |
| September | 15.9 | 8.0 | 16.2 | 8.6 | 32.1 | 16.6 |
| October | 11.4 | 7.5 | 15.2 | 6.5 | 26.6 | 14.0 |
| November | 14.1 | 10.1 | 16.0 | 8.7 | 30.1 | 18.8 |
| December | 20.1 | 9.8 | 18.4 | 13.3 | 38.5 | 23.2 |
| **1986 Average** | **15.3** | **7.7** | **16.5** | **11.1** | **31.7** | **18.7** |
| **1987** | | | | | | |
| January | 18.8 | 9.1 | 16.5 | 10.6 | 35.3 | 19.7 |
| February | 17.1 | 8.8 | 15.4 | 9.4 | 32.5 | 18.2 |
| March | 13.1 | 6.8 | 15.8 | 8.2 | 28.9 | 15.1 |
| April | 14.5 | 5.3 | 13.8 | 9.2 | 28.3 | 14.6 |
| May | 11.8 | 5.5 | 10.8 | 8.6 | 22.5 | 14.1 |
| June | 16.1 | 6.8 | 12.1 | 8.6 | 28.2 | 15.4 |
| July | 17.2 | 7.6 | 13.9 | 8.1 | 31.0 | 15.7 |
| August | 14.6 | 7.4 | 14.6 | 8.7 | 29.2 | 16.2 |
| September | 12.1 | 8.5 | 14.3 | 8.3 | 26.4 | 16.7 |
| October | 10.6 | 8.8 | 11.6 | 8.6 | 22.2 | 17.4 |
| November | 14.9 | 7.2 | 12.5 | 9.4 | 27.3 | 16.7 |
| December | 20.5 | 11.7 | 15.2 | 10.9 | 35.7 | 22.6 |
| **1987 Average** | **15.1** | **7.8** | **13.9** | **9.1** | **29.0** | **16.9** |
| **1988** | | | | | | |
| January | 17.0 | 10.9 | 17.7 | 9.5 | 34.7 | 20.4 |
| February | 15.9 | 12.2 | 17.8 | 7.8 | 33.7 | 20.0 |
| March | 15.7 | 9.0 | 16.5 | 9.2 | 32.2 | 18.1 |
| April | 9.8 | 8.4 | 15.0 | 10.5 | 24.8 | 18.9 |
| May | 8.7 | 6.5 | 14.8 | 9.1 | 23.5 | 15.6 |
| June | 10.5 | 11.3 | 14.2 | 10.7 | 24.7 | 22.0 |
| July | 11.0 | 7.8 | 16.3 | 10.6 | 27.2 | 18.4 |
| August | 14.1 | 9.1 | 16.3 | 8.5 | 30.4 | 17.6 |
| September | 12.5 | 5.4 | 15.6 | 9.5 | 28.1 | 15.0 |
| October | 14.5 | 6.5 | 14.8 | 11.0 | 29.3 | 17.6 |
| November | 18.7 | 9.0 | 14.4 | 10.2 | 33.0 | 19.2 |
| December | 22.4 | 8.1 | 17.9 | 16.4 | 40.3 | 24.5 |
| **1988 Average** | **14.2** | **8.7** | **15.9** | **10.3** | **30.2** | **18.9** |

Note: Totals and averages may not equal the sum of components due to rounding.
Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Figure 11. Refiner Residual Fuel Oil Total Volumes**




Source: Energy Information Administration, "Petroleum Marketing Annual," Table 16.

# Table 17. Refiner/Reseller Residual Fuel Oil Prices to End Users for Selected States

(Cents per Gallon Excluding Taxes)

| Year Month | U.S. Average | PAD I Average | PAD IA Average | CT | ME | MA | NH | RI | PAD IB Average | DE | MD | NJ | NY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1983 Average** | **65.1** | **66.2** | **65.4** | **67.8** | W | **63.4** | W | W | **67.7** | **66.9** | **65.5** | **69.0** | **66.2** |
| **1984 Average** | **69.6** | **71.3** | **71.2** | **73.1** | **70.7** | **69.6** | **68.8** | **75.5** | **72.2** | **71.3** | **70.5** | **72.0** | **72.4** |
| **1985 Average** | **62.3** | **64.3** | **63.4** | **65.2** | **64.1** | **61.5** | **62.9** | **70.0** | **65.8** | **65.1** | **62.9** | **64.4** | **66.8** |
| **1986** | | | | | | | | | | | | | |
| January | 59.1 | 61.2 | 58.6 | 61.6 | 56.5 | 57.0 | 58.6 | 65.9 | 63.6 | 60.6 | 64.8 | 60.3 | 65.9 |
| February | 47.6 | 49.0 | 49.1 | 51.9 | 46.7 | 47.7 | 49.3 | 58.0 | 49.9 | 53.6 | 50.6 | 46.2 | 52.4 |
| March | 40.6 | 42.8 | 40.6 | 44.6 | 37.1 | 39.6 | 40.4 | 49.3 | 45.9 | 47.1 | 49.2 | 42.5 | 47.7 |
| April | 34.2 | 35.9 | 34.2 | 37.5 | 32.6 | 33.1 | 30.1 | 38.8 | 37.8 | 41.8 | 41.7 | 34.8 | 39.2 |
| May | 30.7 | 32.5 | 30.4 | 35.0 | 28.7 | 29.5 | 30.6 | 31.7 | 34.3 | 35.5 | 31.6 | 34.1 | 34.7 |
| June | 30.2 | 31.4 | 28.8 | 32.1 | 26.5 | 29.0 | 25.0 | 33.6 | 32.6 | 28.4 | 34.4 | 31.6 | 33.4 |
| July | 26.7 | 27.0 | 27.4 | 28.5 | 26.8 | 26.7 | 28.1 | 30.4 | 27.7 | 29.2 | 28.6 | 26.9 | 27.5 |
| August | 26.9 | 28.0 | 25.5 | 26.5 | 24.5 | 25.1 | 26.5 | 29.6 | 29.1 | 33.2 | 27.2 | 29.1 | 28.8 |
| September | 30.0 | 31.1 | 29.2 | 30.8 | 28.5 | 28.2 | 30.4 | 32.7 | 32.4 | 33.3 | 32.5 | 32.1 | 32.2 |
| October | 30.5 | 31.2 | 30.1 | 31.5 | 32.4 | 29.1 | 31.8 | 32.6 | 32.4 | 30.6 | 32.6 | 31.1 | 33.7 |
| November | 31.7 | 33.0 | 31.5 | 31.6 | 31.5 | 31.0 | 31.5 | 37.0 | 34.0 | 34.8 | 34.2 | 33.1 | 34.9 |
| December | 35.0 | 37.0 | 35.6 | 36.7 | 33.6 | 35.2 | 34.8 | 40.1 | 38.8 | 37.5 | 37.4 | 37.7 | 40.3 |
| **1986 Average** | **35.8** | **37.6** | **36.2** | **38.9** | **35.2** | **35.1** | **33.4** | **40.3** | **39.8** | **40.1** | **36.5** | **37.7** | **42.1** |
| **1987** | | | | | | | | | | | | | |
| January | 42.4 | 44.7 | 42.7 | 43.2 | 39.1 | 42.7 | 41.7 | 49.3 | 47.0 | 44.4 | 46.7 | 46.7 | 47.4 |
| February | 42.0 | 43.4 | 41.9 | 43.5 | 40.5 | 41.0 | 43.5 | 50.2 | 45.0 | 44.4 | 44.8 | 43.3 | 46.1 |
| March | 40.7 | 41.8 | 40.2 | 40.5 | 39.4 | 40.0 | 39.6 | 46.8 | 43.5 | 38.3 | 43.0 | 41.7 | 45.0 |
| April | 42.3 | 43.7 | 42.8 | 43.4 | 43.4 | 42.1 | 43.8 | 47.9 | 44.6 | 44.4 | 44.6 | 42.4 | 45.9 |
| May | 43.6 | 44.6 | 43.6 | 44.4 | 42.9 | 43.3 | 43.8 | 47.1 | 45.3 | 47.1 | 45.1 | 44.4 | 46.2 |
| June | 44.8 | 45.6 | 44.6 | 45.4 | 45.5 | 44.1 | 45.2 | 48.6 | 46.2 | 47.5 | 45.8 | 45.7 | 47.2 |
| July | 46.4 | 47.1 | 45.6 | 46.7 | 46.1 | 44.9 | 46.1 | 49.7 | 48.0 | 46.1 | 46.7 | 47.8 | 48.8 |
| August | 45.1 | 45.7 | 44.4 | 46.2 | 46.2 | 42.8 | 46.7 | 52.3 | 46.7 | W | 47.0 | 45.7 | 47.6 |
| September | 41.9 | 42.4 | 41.8 | 42.3 | 42.4 | 41.0 | 43.8 | 43.9 | 42.8 | 43.2 | 41.9 | 42.5 | 43.4 |
| October | 42.2 | 43.1 | 41.5 | 43.2 | 40.4 | 40.8 | 43.0 | 48.2 | 44.9 | 42.4 | 42.4 | 43.9 | 46.2 |
| November | 42.4 | 43.8 | 42.4 | 43.3 | 42.5 | 41.5 | 42.6 | 48.8 | 45.9 | 44.8 | 42.4 | 45.1 | 47.1 |
| December | 38.4 | 40.0 | 38.7 | 41.5 | 37.4 | 37.3 | 40.7 | 48.2 | 42.4 | 40.6 | 37.0 | 40.9 | 45.1 |
| **1987 Average** | **42.6** | **43.8** | **42.3** | **43.5** | **41.7** | **41.7** | **42.8** | **48.3** | **45.1** | **42.9** | **44.8** | **44.1** | **46.3** |
| **1988** | | | | | | | | | | | | | |
| January | 37.3 | 38.7 | 36.3 | 39.9 | 35.5 | 34.4 | 36.9 | 45.3 | 41.9 | 31.2 | 38.7 | 41.6 | 43.5 |
| February | 36.3 | 37.8 | 35.3 | 37.6 | 35.6 | 33.6 | 35.3 | 41.4 | 41.6 | 37.8 | 37.0 | 39.7 | 43.7 |
| March | 33.7 | 35.1 | 34.8 | 35.7 | 33.7 | 34.1 | 33.1 | 42.2 | 37.7 | W | 37.0 | 36.0 | 39.1 |
| April | 33.1 | 33.9 | 33.0 | 34.1 | 30.0 | 33.0 | 31.4 | 39.5 | 36.0 | 35.2 | 33.2 | 35.6 | 37.6 |
| May | 34.2 | 34.9 | 34.8 | 35.2 | 30.3 | 35.3 | 30.5 | 40.0 | 36.2 | 36.0 | 33.5 | 36.1 | 37.0 |
| June | 34.1 | 34.7 | 35.5 | 35.3 | 34.6 | 35.8 | 33.5 | 37.9 | 35.6 | 34.9 | 34.3 | 34.8 | 36.7 |
| July | 32.6 | 34.0 | 33.9 | 34.4 | 32.3 | 34.1 | 34.2 | 34.8 | 34.6 | 34.4 | 33.1 | 34.2 | 36.0 |
| August | 33.9 | 34.7 | 34.3 | 35.2 | 33.7 | 34.2 | 33.6 | 33.9 | 35.5 | 35.0 | 34.4 | 34.9 | 36.5 |
| September | 32.7 | 33.5 | 33.8 | 33.6 | 35.4 | 33.5 | 33.5 | 36.0 | 34.1 | 36.9 | 32.6 | 32.9 | 35.1 |
| October | 31.0 | 32.4 | 30.8 | 31.5 | 29.4 | 31.0 | 29.3 | 33.9 | 33.1 | 32.0 | 31.3 | 30.8 | 35.4 |
| November | 32.6 | 34.0 | 32.0 | 33.6 | 31.4 | 30.8 | 34.6 | 35.3 | 35.7 | 35.8 | 31.6 | 35.3 | 36.2 |
| December | 34.7 | 36.7 | 34.6 | 37.4 | 33.9 | 32.2 | 33.6 | 38.7 | 39.0 | 36.5 | 33.9 | 37.6 | 39.9 |
| **1988 Average** | **33.9** | **35.2** | **34.2** | **35.8** | **33.2** | **33.6** | **33.2** | **39.9** | **37.0** | **34.6** | **34.1** | **35.9** | **38.5** |

See footnotes at end of table.

## Table 17. Refiner/Reseller Residual Fuel Oil Prices to End Users for Selected States (Continued)

(Cents per Gallon Excluding Taxes)

| Year Month | PA | PAD IC Average | FL | GA | NC | SC | VA | PAD II Average | IL | IN | MI | MN | OH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1983 Average** | **67.2** | **63.9** | **64.0** | **62.1** | **65.3** | **62.6** | **64.0** | **68.6** | **77.5** | **61.3** | **64.0** | **60.7** | **63.9** |
| **1984 Average** | **72.8** | **69.0** | **68.8** | **68.8** | **70.5** | **69.4** | **69.0** | **66.0** | **69.1** | **64.9** | **68.5** | **62.7** | **65.4** |
| **1985 Average** | **66.4** | **60.6** | **58.2** | **61.1** | **64.8** | **64.1** | **62.3** | **60.4** | **59.0** | **62.7** | **63.2** | **57.9** | **59.6** |
| **1986** | | | | | | | | | | | | | |
| January | 61.9 | 56.5 | 52.6 | 56.7 | 61.2 | 59.3 | 59.8 | 54.2 | 49.0 | 54.2 | 61.2 | 53.4 | 50.1 |
| February | 48.4 | 45.1 | 41.2 | 47.4 | 51.6 | 51.1 | 48.9 | 49.4 | NA | 43.4 | 56.1 | 51.2 | 44.1 |
| March | 47.1 | 38.5 | 36.6 | 39.7 | 44.1 | 41.4 | 39.9 | 42.6 | 48.2 | 41.0 | 51.7 | 46.9 | 42.8 |
| April | 39.0 | 34.2 | 33.1 | 36.6 | 37.9 | 36.2 | 34.6 | 39.6 | 47.6 | 37.8 | 46.5 | 44.9 | 36.5 |
| May | 35.2 | 31.0 | 30.5 | 32.1 | 33.8 | 33.7 | 31.4 | 35.9 | 29.2 | 35.5 | 45.3 | 41.4 | 33.7 |
| June | 33.2 | 30.7 | 30.5 | 31.0 | 33.5 | 32.0 | 29.6 | 36.0 | 33.3 | 35.7 | 38.8 | 41.1 | 32.3 |
| July | 30.2 | 25.8 | 25.3 | 27.5 | 28.9 | 28.4 | 25.4 | 32.9 | 26.2 | 33.9 | 39.5 | 36.8 | 31.2 |
| August | 31.7 | 28.3 | 28.8 | 26.7 | 28.2 | 26.8 | 28.0 | 31.5 | 25.2 | 31.0 | 37.1 | 33.7 | 29.4 |
| September | 33.1 | 30.4 | 30.3 | 31.7 | 30.6 | 31.2 | 30.6 | 33.4 | 36.0 | 31.9 | 36.6 | 32.6 | 32.9 |
| October | 32.2 | 30.3 | 30.1 | 32.1 | 31.2 | 31.2 | 29.3 | 32.4 | 34.1 | 32.1 | 35.9 | 32.7 | 31.8 |
| November | 33.4 | 32.3 | 31.8 | 33.9 | 34.0 | 32.4 | 31.9 | 32.8 | 34.9 | 32.0 | NA | 30.1 | 34.3 |
| December | 36.6 | 34.7 | 34.0 | 34.9 | 36.1 | 34.5 | 36.2 | 32.9 | 32.1 | 31.6 | 37.3 | 27.3 | 35.1 |
| **1986 Average** | **38.3** | **34.0** | **32.3** | **35.8** | **39.8** | **38.1** | **34.9** | **37.6** | **34.0** | **37.2** | **43.5** | **40.4** | **37.0** |
| **1987** | | | | | | | | | | | | | |
| January | 45.2 | 42.6 | 41.1 | 41.3 | 43.4 | 42.5 | 45.6 | 35.9 | 39.0 | 36.3 | 40.1 | 27.3 | 35.9 |
| February | 43.6 | 42.0 | 42.8 | 39.2 | 42.9 | 41.7 | 41.6 | 37.8 | 37.7 | 41.7 | 40.1 | 29.9 | 38.7 |
| March | 43.1 | 39.0 | 38.3 | 40.1 | 39.9 | 39.9 | 39.7 | 35.7 | 35.9 | 36.6 | 39.6 | 31.1 | 35.5 |
| April | 42.8 | 42.8 | 42.6 | 43.0 | 43.7 | 44.0 | 42.3 | 36.4 | 37.6 | 33.7 | 40.9 | 31.9 | 35.6 |
| May | 44.8 | 44.7 | W | 44.7 | 45.0 | 43.9 | 43.7 | 37.5 | 43.1 | 33.9 | 39.9 | 33.7 | 37.2 |
| June | 45.0 | 45.6 | 45.7 | 45.3 | 45.3 | 45.7 | 45.7 | 40.4 | 44.6 | 38.8 | 41.1 | 34.0 | 41.9 |
| July | 46.3 | 47.1 | 46.7 | 46.6 | 46.1 | 46.8 | 48.2 | 41.2 | 42.0 | 40.0 | 42.6 | 39.9 | 43.5 |
| August | 46.3 | 45.1 | 44.7 | 46.2 | 45.9 | 46.0 | 45.6 | 41.8 | 44.2 | 40.6 | 45.5 | 40.8 | 42.6 |
| September | 41.1 | 42.2 | 42.0 | 43.0 | 43.3 | 42.7 | 42.0 | 42.7 | 46.2 | 39.6 | 45.8 | 41.2 | 43.4 |
| October | 42.4 | 41.4 | 40.9 | 43.0 | 43.0 | 42.6 | 41.4 | 40.0 | 41.3 | 37.9 | 45.1 | 41.0 | 41.2 |
| November | 42.1 | 40.8 | 40.1 | 41.8 | 41.5 | 41.5 | 42.6 | 40.9 | 45.9 | 39.6 | 42.6 | 36.2 | 40.0 |
| December | 37.6 | 36.4 | 35.9 | 37.1 | 37.1 | 37.2 | 37.5 | 39.3 | 41.6 | 40.8 | 42.8 | 37.3 | 40.0 |
| **1987 Average** | **43.1** | **42.8** | **42.5** | **42.2** | **42.9** | **42.4** | **44.1** | **39.2** | **41.8** | **37.2** | **41.7** | **34.3** | **40.4** |
| **1988** | | | | | | | | | | | | | |
| January | 38.9 | 34.9 | 33.2 | 37.1 | 35.9 | 36.6 | 37.2 | 38.0 | 39.9 | 34.3 | 46.3 | 36.7 | 40.1 |
| February | 38.1 | 34.1 | 32.4 | 35.8 | 36.0 | 36.0 | 35.1 | 38.0 | 39.4 | 34.5 | 45.8 | 37.1 | 38.6 |
| March | 34.0 | 31.8 | 31.4 | 34.8 | 33.7 | 33.5 | 31.8 | 38.8 | 36.4 | 35.1 | 50.1 | 35.0 | 38.4 |
| April | 33.0 | 31.7 | 31.7 | 33.6 | 32.1 | 31.6 | 31.1 | 37.3 | 41.0 | 28.8 | 44.7 | 33.5 | 36.6 |
| May | 34.9 | 33.0 | 32.8 | 35.3 | 34.5 | 33.7 | 32.3 | 37.3 | 35.4 | 32.0 | 47.8 | 34.4 | 39.6 |
| June | 34.2 | 32.9 | 32.5 | 34.9 | 35.0 | 34.4 | 33.0 | 40.2 | 51.8 | 35.9 | 47.9 | 34.1 | 34.3 |
| July | 32.8 | 32.8 | 32.6 | 31.0 | 34.8 | 33.7 | 33.0 | 35.6 | 27.1 | 32.9 | 45.6 | 32.5 | 34.3 |
| August | 34.5 | 33.5 | 33.3 | 35.1 | 34.7 | 34.3 | 33.5 | 36.0 | NA | 27.1 | 47.4 | 30.2 | 35.4 |
| September | 34.5 | 32.4 | 32.0 | 35.6 | 34.0 | 34.5 | 33.3 | 32.7 | 26.0 | 25.7 | 46.1 | 33.7 | 33.2 |
| October | 33.3 | 32.2 | 32.5 | 32.2 | 31.5 | 31.6 | 29.2 | 31.7 | 23.1 | 24.7 | 44.9 | 34.2 | 33.0 |
| November | 34.8 | 32.4 | 32.5 | 32.4 | 32.8 | 32.5 | 30.3 | 32.4 | 25.4 | 24.5 | 42.8 | 32.7 | 32.4 |
| December | 39.7 | 32.8 | 32.0 | 33.5 | 34.1 | 33.6 | 35.9 | 31.5 | 21.4 | 32.4 | 42.1 | 30.8 | 35.1 |
| **1988 Average** | **35.9** | **32.9** | **32.3** | **34.4** | **34.3** | **34.2** | **33.5** | **35.4** | **34.1** | **29.6** | **46.0** | **33.4** | **35.8** |

See footnotes at end of table.

## Table 17. Refiner/Reseller Residual Fuel Oil Prices to End Users for Selected States (Continued)

(Cents per Gallon Excluding Taxes)

| Year Month | PAD III Average | AL | LA | MS | TX | PAD IV Average | PAD V Average | CA | HI | OR | WA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **1983 Average** | **59.5** | **61.3** | **59.8** | **60.1** | **59.2** | **54.5** | **65.9** | **63.2** | **75.1** | **61.0** | **60.9** |
| **1984 Average** | **65.0** | **65.4** | **65.6** | **68.2** | **64.3** | **59.7** | **67.3** | **64.1** | **75.8** | **66.9** | **64.1** |
| **1985 Average** | **57.7** | **57.9** | **59.3** | **61.2** | **55.6** | **52.8** | **58.9** | **56.2** | **66.2** | **61.7** | **56.9** |
| **1986** | | | | | | | | | | | |
| January | 50.1 | 51.1 | 51.9 | W | 48.2 | 43.4 | 57.6 | 55.8 | 66.3 | 51.9 | 54.2 |
| February | 38.9 | 36.8 | 41.1 | W | 36.7 | 36.6 | 46.0 | 36.6 | 62.8 | NA | 44.8 |
| March | 34.3 | 35.6 | 35.8 | W | 32.3 | 37.7 | 34.6 | 28.0 | 48.5 | 32.3 | 34.3 |
| April | 29.3 | 29.6 | 31.7 | W | 27.7 | 42.5 | 30.2 | 24.6 | 39.2 | 34.6 | 26.7 |
| May | 24.9 | 28.4 | 27.2 | W | 22.1 | 34.7 | 29.3 | 24.9 | 37.5 | 29.8 | 26.3 |
| June | 25.5 | 28.4 | 25.4 | W | 25.2 | 35.7 | 27.2 | 22.4 | 34.4 | 27.5 | 24.1 |
| July | 25.8 | 27.4 | 22.5 | W | 21.3 | 30.6 | 23.8 | 20.9 | 34.7 | 21.5 | 19.0 |
| August | 24.0 | 23.3 | 24.1 | 27.6 | 21.3 | 29.8 | 23.7 | 21.9 | 31.7 | 21.9 | 20.4 |
| September | 26.9 | 30.2 | 26.8 | 27.3 | 26.8 | 29.0 | 27.6 | 26.5 | 30.8 | 27.5 | 27.4 |
| October | 27.8 | 31.1 | 28.4 | W | 26.8 | 28.9 | 28.7 | 27.7 | 34.2 | 29.9 | 26.0 |
| November | 27.8 | 30.9 | 28.1 | W | 26.4 | 34.5 | 28.7 | 24.3 | 34.7 | 30.9 | 26.0 |
| December | 29.6 | 31.7 | 30.3 | W | 28.9 | 38.7 | 29.4 | 27.3 | 35.1 | 34.8 | 26.8 |
| **1986 Average** | **29.9** | **31.1** | **30.8** | **29.9** | **28.7** | **34.0** | **32.6** | **30.8** | **40.5** | **31.5** | **29.1** |
| **1987** | | | | | | | | | | | |
| January | 35.4 | 37.6 | 37.0 | W | 35.0 | 30.8 | 35.9 | 33.1 | 40.5 | 32.5 | 33.4 |
| February | 36.7 | 35.7 | 36.5 | W | 37.4 | 30.7 | 38.0 | 33.8 | 47.2 | 37.9 | 35.1 |
| March | 36.0 | 37.7 | 36.3 | W | 35.1 | 32.1 | 40.6 | 32.3 | 49.1 | 35.1 | 35.1 |
| April | 39.3 | 37.1 | 39.7 | - | 38.7 | 25.8 | 39.0 | 34.3 | 46.5 | 39.9 | 34.3 |
| May | 43.1 | 44.0 | 43.2 | W | 43.0 | 24.9 | 40.7 | 37.7 | 47.1 | 35.4 | 36.0 |
| June | 42.5 | 43.4 | 42.8 | W | 42.1 | 26.6 | 44.0 | 40.4 | 49.0 | 39.5 | 43.1 |
| July | 43.6 | 43.9 | 43.9 | - | 43.2 | 28.8 | 46.3 | 43.2 | 49.8 | 41.3 | 43.0 |
| August | 42.8 | 42.2 | 43.2 | W | 42.2 | 34.6 | 44.9 | 41.8 | 51.6 | W | 42.6 |
| September | 38.9 | 39.8 | 39.4 | W | 37.7 | 37.9 | 43.4 | 37.7 | 51.7 | 42.9 | 38.0 |
| October | 37.9 | 39.6 | 38.4 | W | 37.0 | 34.7 | 42.8 | 41.4 | 47.5 | 41.7 | 36.3 |
| November | 36.7 | 38.7 | 36.8 | W | 36.0 | 33.5 | 40.5 | 37.1 | 48.3 | 42.6 | 33.1 |
| December | 30.0 | 31.5 | 30.0 | W | 29.3 | 32.9 | 36.4 | 31.8 | 45.5 | 43.7 | 31.0 |
| **1987 Average** | **38.2** | **38.5** | **38.5** | **30.8** | **38.0** | **32.2** | **41.0** | **37.2** | **47.9** | **39.6** | **36.3** |
| **1988** | | | | | | | | | | | |
| January | 28.8 | 30.6 | 28.3 | W | 29.0 | 31.6 | 35.5 | 28.4 | 44.7 | 45.1 | 30.6 |
| February | 28.9 | 31.5 | 28.6 | W | 29.1 | 30.5 | 33.6 | 29.8 | 42.5 | 45.0 | 28.9 |
| March | 25.6 | 27.9 | 25.8 | W | 24.8 | 30.7 | 34.3 | 27.0 | 41.7 | 45.2 | 27.3 |
| April | 28.0 | 28.9 | 27.9 | - | 28.1 | 30.1 | 33.4 | 30.5 | 39.4 | 39.7 | 28.0 |
| May | 29.6 | 29.5 | 29.5 | W | 29.7 | 28.4 | 35.8 | 32.2 | 40.7 | 36.4 | 31.5 |
| June | 29.5 | 30.8 | 29.5 | W | 29.4 | 27.1 | 35.4 | 31.0 | 40.1 | 37.2 | 32.5 |
| July | 26.9 | 27.6 | 27.0 | W | 26.6 | 27.0 | 32.5 | 28.8 | 38.0 | 37.9 | 28.0 |
| August | 30.1 | 29.5 | 31.7 | W | 27.7 | 25.7 | 33.3 | 30.8 | 37.0 | 39.4 | 29.9 |
| September | 27.9 | 26.2 | 28.0 | 33.1 | 27.6 | 22.6 | 33.1 | 31.6 | 37.1 | 34.9 | 28.5 |
| October | 23.2 | W | 23.6 | W | 22.0 | 24.9 | 30.9 | 30.1 | 36.3 | W | 23.7 |
| November | 24.3 | 26.0 | 25.1 | W | 23.1 | 22.2 | 29.9 | 28.8 | 35.0 | W | 24.1 |
| December | 24.8 | 26.6 | 24.6 | W | 24.6 | 25.1 | 31.1 | 30.3 | 35.7 | 34.3 | 26.0 |
| **1988 Average** | **27.4** | **28.6** | **27.5** | W | **26.8** | **26.4** | **32.8** | **29.9** | **39.0** | **38.2** | **28.3** |

Dashes (-) = No data reported.
NA = Not Available.
W = Withheld to avoid disclosure of individual company data.
Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

# Table 18. Refiner/Reseller Residual Fuel Oil Prices for Resale for Selected States

(Cents per Gallon Excluding Taxes)

| Year Month | U.S. Average | PAD I Average | PAD IA Average | CT | ME | MA | NH | RI | PAD IB Average | DE | MD | NJ | NY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1983 Average** | **60.9** | **63.6** | **61.0** | W | **62.3** | **60.4** | NA | **62.6** | **66.1** | W | **64.9** | **65.3** | **68.3** |
| **1984 Average** | **65.8** | **69.7** | **68.7** | **69.3** | **67.9** | **68.5** | **67.8** | **72.1** | **71.1** | **70.5** | **71.6** | **71.0** | **71.7** |
| **1985 Average** | **58.2** | **62.9** | **63.7** | **61.2** | **63.0** | **65.1** | **59.6** | **64.0** | **63.9** | **66.1** | **62.3** | **62.8** | **66.0** |
| **1986** | | | | | | | | | | | | | |
| January | 53.3 | 59.0 | 58.1 | 54.0 | 57.0 | 62.0 | 49.1 | 64.1 | 60.6 | - | 44.6 | 61.7 | 63.3 |
| February | 39.8 | 43.6 | 44.4 | 46.6 | 44.1 | 43.8 | 47.3 | 44.8 | 43.5 | - | 43.1 | 41.4 | 47.4 |
| March | 33.4 | 39.5 | 39.6 | 40.4 | 40.0 | 42.1 | 31.4 | 40.7 | 39.8 | W | W | 38.5 | 42.5 |
| April | 29.3 | 33.0 | 32.1 | 24.7 | 36.2 | 35.9 | W | 32.4 | 33.5 | - | 37.4 | 33.1 | 34.5 |
| May | 27.4 | 31.6 | 31.4 | 31.9 | 26.1 | 34.2 | 31.2 | 33.6 | 32.6 | W | 32.2 | 30.4 | 34.7 |
| June | 26.8 | 30.0 | 32.6 | 34.8 | 29.9 | 32.6 | 33.1 | 33.2 | 30.5 | 29.4 | 34.5 | 30.3 | 29.7 |
| July | 22.8 | 25.9 | 27.9 | 29.4 | 28.0 | 27.4 | 30.3 | 26.1 | 25.3 | - | 25.2 | 24.8 | 27.0 |
| August | 23.8 | 26.8 | 26.8 | 28.8 | 22.2 | 27.9 | 26.6 | 29.4 | 27.7 | - | 27.1 | 24.8 | 31.8 |
| September | 28.3 | 31.2 | 30.1 | 29.7 | 30.2 | 30.1 | 32.5 | 30.2 | 32.3 | - | 31.7 | 32.4 | 33.1 |
| October | 28.4 | 31.1 | 31.5 | 27.9 | 31.8 | 31.6 | 32.5 | 31.0 | 31.1 | W | 29.2 | 29.3 | 32.9 |
| November | 28.2 | 32.1 | 32.0 | 31.2 | 29.3 | 33.2 | 34.4 | 34.8 | 32.4 | W | 30.2 | 32.0 | 33:1 |
| December | 31.9 | 38.2 | 37.3 | 36.5 | 40.2 | 37.3 | 36.6 | 36.4 | 38.9 | W | 38.6 | 38.4 | 39.7 |
| **1986 Average** | **31.5** | **36.1** | **37.2** | **36.0** | **34.5** | **38.1** | **37.9** | **37.6** | **36.4** | **29.4** | **31.3** | **37.0** | **38.4** |
| **1987** | | | | | | | | | | | | | |
| January | 38.5 | 42.2 | 41.1 | 41.7 | 40.6 | 40.3 | 45.8 | 46.6 | 42.8 | - | 47.2 | 41.1 | 43.2 |
| February | 38.7 | 42.2 | 41.7 | 37.4 | 39.7 | 43.1 | 44.5 | 42.6 | 43.0 | W | 48.6 | 42.0 | 43.9 |
| March | 36.8 | 41.0 | 39.3 | 39.2 | 40.5 | 38.8 | 34.3 | 45.2 | 41.8 | - | 43.2 | 42.5 | 41.8 |
| April | 38.5 | 43.7 | 42.9 | 42.2 | 43.5 | 42.2 | 44.5 | 43.4 | 44.9 | - | 44.0 | 44.2 | 46.8 |
| May | 40.6 | 44.3 | 45.3 | 43.9 | 44.5 | 45.3 | W | 46.1 | 44.4 | - | 43.9 | 44.1 | 45.0 |
| June | 42.9 | 45.2 | 43.8 | 47.3 | 45.7 | 43.2 | W | W | 45.5 | W | 45.3 | 45.3 | 45.7 |
| July | 44.4 | 47.0 | 45.1 | 46.7 | 43.4 | 45.1 | W | 47.4 | 48.1 | 47.3 | 46.7 | 47.9 | 49.3 |
| August | 43.6 | 45.3 | 45.2 | 42.2 | 46.4 | 45.8 | W | 45.9 | 45.4 | W | W | 45.3 | 44.6 |
| September | 40.5 | 42.3 | 43.1 | 45.1 | 42.1 | 43.8 | 39.8 | 42.2 | 42.4 | W | W | 42.7 | 41.9 |
| October | 39.6 | 42.6 | 41.3 | 44.8 | 42.4 | 40.4 | 43.4 | 48.1 | 43.1 | W | W | 42.3 | 43.5 |
| November | 39.4 | 43.3 | 42.1 | 46.7 | 38.9 | 41.8 | 43.7 | 49.3 | 44.8 | W | W | 44.1 | 45.5 |
| December | 36.2 | 41.6 | 40.9 | 43.8 | 36.1 | 39.4 | 43.4 | 48.2 | 43.1 | NA | W | 41.8 | 44.5 |
| **1987 Average** | **39.9** | **43.3** | **42.3** | **43.1** | **40.9** | **42.2** | **39.1** | **44.3** | **44.0** | **45.1** | **45.8** | **43.4** | **44.2** |
| **1988** | | | | | | | | | | | | | |
| January | 34.7 | 39.3 | 38.2 | 36.7 | 34.3 | 39.3 | 40.2 | 39.3 | 40.7 | W | 39.0 | 41.0 | 42.4 |
| February | 34.1 | 37.9 | 38.8 | 39.2 | 32.1 | 39.5 | 39.0 | 42.4 | 38.6 | 36.0 | 35.0 | 39.5 | 40.1 |
| March | 30.3 | 34.0 | 31.5 | 34.6 | W | 30.1 | 35.0 | 35.3 | 35.7 | W | 34.0 | 33.6 | 39.6 |
| April | 31.5 | 34.8 | 35.0 | 36.9 | W | 34.8 | 34.6 | 34.6 | 35.5 | W | 31.6 | 34.5 | 38.3 |
| May | 32.6 | 35.0 | 34.7 | 34.9 | 36.1 | 34.7 | 35.9 | 34.5 | 35.5 | W | W | 34.0 | 40.2 |
| June | 31.7 | 34.4 | 35.7 | W | 35.2 | 32.3 | 34.9 | 38.1 | 34.2 | W | 34.0 | 32.9 | 36.5 |
| July | 30.4 | 33.4 | 32.5 | 34.4 | 31.9 | 32.1 | 34.5 | 35.1 | 34.0 | W | W | 31.9 | 35.7 |
| August | 31.3 | 33.8 | 32.7 | W | 33.9 | 31.8 | 33.1 | 34.7 | 34.6 | - | 34.4 | 33.1 | 35.9 |
| September | 30.8 | 33.2 | 34.0 | 32.0 | W | 35.3 | 35.3 | 37.3 | 32.9 | 31.4 | W | 32.4 | 34.1 |
| October | 27.7 | 30.9 | 28.4 | 31.8 | 27.5 | 28.6 | 32.0 | 32.0 | 31.8 | W | 30.5 | 31.5 | 32.6 |
| November | 30.1 | 33.5 | 32.7 | 32.5 | 31.2 | 32.8 | 33.9 | 33.4 | 34.1 | 31.0 | 30.5 | 32.3 | 36.9 |
| December | 31.6 | 35.5 | 34.4 | 36.0 | 30.8 | 34.0 | 36.3 | 37.3 | 35.9 | 33.9 | 30.9 | 34.6 | 38.3 |
| **1988 Average** | **31.5** | **34.8** | **34.3** | **36.4** | **32.2** | **34.1** | **36.3** | **36.2** | **35.5** | **32.8** | **33.4** | **34.6** | **37.5** |

See footnotes at end of table.

## Table 18. Refiner/Reseller Residual Fuel Oil Prices for Resale for Selected States (Continued)

(Cents per Gallon Excluding Taxes)

| Year Month | PA | PAD IC Average | FL | GA | NC | SC | VA | PAD II Average | IL | IN | MI | MN | OH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1983 Average** | **65.9** | **60.4** | **60.1** | **59.7** | **63.9** | W | **60.8** | **59.2** | **57.3** | **60.7** | **62.2** | W | **56.2** |
| **1984 Average** | **69.8** | **66.8** | **66.7** | **66.5** | **69.2** | **68.9** | **66.8** | **63.4** | **65.0** | **66.4** | **62.7** | **61.2** | **60.2** |
| **1985 Average** | **62.3** | **58.8** | **57.6** | **64.9** | **59.7** | **64.0** | **60.0** | **57.2** | **60.2** | **61.5** | **56.8** | **56.8** | **50.4** |
| **1986** | | | | | | | | | | | | | |
| January | 57.0 | 53.0 | W | 54.4 | 57.4 | W | 56.1 | 50.6 | 48.5 | 58.3 | 54.3 | W | 42.7 |
| February | 41.4 | 42.6 | 38.5 | 54.0 | 43.0 | W | 45.8 | 41.8 | 49.6 | 46.6 | 50.5 | W | 32.1 |
| March | 37.7 | 38.2 | 37.9 | W | 39.1 | W | 38.2 | 36.2 | 38.2 | 42.1 | 44.9 | W | 31.4 |
| April | 32.5 | 31.8 | 30.5 | W | 34.0 | W | 31.8 | 34.8 | 39.2 | 38.4 | 39.8 | W | 30.4 |
| May | 33.3 | 29.5 | 30.0 | W | 34.2 | W | 27.4 | 30.7 | 26.8 | 38.7 | 37.7 | W | 30.2 |
| June | 31.1 | 27.4 | 27.9 | W | 27.8 | W | 28.4 | 30.0 | 25.3 | 34.6 | 34.2 | W | 21.1 |
| July | 25.0 | 25.2 | 25.6 | W | 27.1 | W | 23.4 | 24.0 | 22.3 | 31.0 | 32.9 | W | 19.5 |
| August | 28.2 | 24.1 | 24.0 | W | 21.9 | W | 24.1 | 24.3 | 21.3 | 34.8 | 28.9 | 33.9 | 21.6 |
| September | 31.7 | 27.4 | W | W | 24.7 | W | 28.1 | 27.0 | 27.8 | 36.0 | 29.8 | W | 23.1 |
| October | 31.0 | 28.5 | 30.3 | W | 29.6 | W | 27.8 | 30.1 | 35.6 | 32.4 | 31.2 | W | 22.8 |
| November | 32.4 | 31.2 | 30.7 | 32.2 | 32.0 | 35.9 | 30.4 | 28.6 | 31.2 | 34.1 | 31.4 | W | 25.6 |
| December | 37.7 | 33.5 | 31.6 | W | W | W | 33.3 | 27.4 | 27.7 | 36.0 | 30.6 | W | 24.5 |
| **1986 Average** | **34.6** | **32.5** | **30.8** | **30.1** | **34.0** | **44.6** | **34.2** | **31.2** | **29.5** | **40.0** | **36.5** | W | **26.3** |
| **1987** | | | | | | | | | | | | | |
| January | 46.4 | 38.1 | 38.2 | W | 43.3 | W | 38.0 | 30.7 | 31.7 | 43.7 | 32.7 | W | 32.1 |
| February | 40.8 | 37.5 | 35.3 | W | 43.9 | W | 37.6 | 32.2 | 32.4 | 39.9 | 34.1 | W | 37.2 |
| March | 40.2 | 37.6 | 38.3 | W | W | W | 36.5 | 33.9 | 35.4 | 37.7 | 35.3 | W | 32.8 |
| April | 42.8 | 42.1 | 42.4 | W | 41.9 | W | 41.1 | 36.3 | 39.4 | 41.4 | 35.2 | 38.8 | 33.7 |
| May | 43.7 | 42.1 | 41.9 | W | W | W | 42.6 | 38.2 | 43.3 | 39.9 | 35.1 | 30.7 | W |
| June | 45.6 | 45.2 | 45.7 | - | 45.3 | W | 43.6 | 38.0 | 42.5 | 32.3 | 35.5 | 37.3 | 36.1 |
| July | 47.6 | 46.0 | 47.1 | - | W | W | 43.7 | 39.0 | 42.5 | 35.6 | 36.0 | 42.0 | 35.7 |
| August | 45.7 | 44.5 | 45.0 | W | W | W | 42.9 | 40.3 | 42.9 | 39.1 | 39.1 | W | 35.3 |
| September | 42.6 | 41.4 | 42.6 | W | 39.6 | W | 39.4 | 38.7 | 41.0 | 44.2 | 38.4 | W | 34.7 |
| October | 43.0 | 41.7 | 42.2 | W | W | W | 39.4 | 37.7 | 45.4 | 41.7 | 36.3 | 44.2 | 32.2 |
| November | 44.3 | 40.4 | 42.0 | W | 42.4 | W | 39.4 | 36.6 | 38.9 | 41.3 | 35.8 | W | 33.0 |
| December | 41.1 | 33.5 | 34.5 | - | 29.7 | W | 32.8 | 34.5 | 35.4 | 41.3 | 34.0 | 40.5 | 31.6 |
| **1987 Average** | **44.0** | **40.8** | **42.0** | **35.5** | **39.1** | W | **39.1** | **36.1** | **38.6** | **38.8** | **35.3** | **35.4** | **33.8** |
| **1988** | | | | | | | | | | | | | |
| January | 37.4 | 31.6 | W | W | W | W | 33.7 | 33.7 | 36.7 | 35.4 | 34.2 | 34.9 | 30.7 |
| February | 35.8 | 31.0 | 32.9 | W | W | W | 31.0 | 32.2 | 41.6 | 36.0 | 34.3 | 30.6 | 26.0 |
| March | 32.3 | 29.8 | 29.6 | W | 34.0 | W | 30.6 | 31.9 | 38.7 | 42.4 | 33.9 | W | 25.7 |
| April | 32.5 | 28.2 | 27.6 | W | 28.9 | W | 28.2 | 31.5 | 36.3 | 29.3 | 33.5 | W | 26.7 |
| May | 34.8 | 32.0 | 34.6 | W | 30.4 | W | 33.0 | 31.6 | 45.3 | 32.4 | 32.0 | W | W |
| June | 33.7 | 34.0 | 34.1 | W | W | W | 33.4 | 31.4 | 34.7 | NA | 30.3 | W | W |
| July | 33.8 | 32.4 | 32.7 | - | W | W | 31.0 | 27.6 | W | NA | 32.6 | W | W |
| August | 34.5 | 32.3 | 33.6 | W | W | W | 31.3 | 27.2 | W | 29.8 | 32.6 | 30.5 | W |
| September | 31.9 | 33.5 | 33.9 | W | W | W | 32.9 | 26.0 | W | 30.9 | 28.7 | W | W |
| October | 30.1 | 30.1 | 30.4 | W | W | W | 28.4 | 24.7 | W | 32.9 | 30.4 | W | 22.2 |
| November | 33.0 | 32.1 | 33.6 | W | W | W | 26.9 | 26.5 | 22.6 | 31.0 | 29.7 | W | 30.0 |
| December | 36.9 | 33.9 | 34.9 | 30.6 | 30.3 | W | 29.8 | 26.0 | 23.6 | 31.0 | 32.1 | W | 24.4 |
| **1988 Average** | **34.1** | **31.9** | **32.6** | **30.0** | **29.5** | **30.5** | **31.2** | **28.9** | **30.3** | **31.7** | **32.1** | W | **25.3** |

See footnotes at end of table.

## Table 18. Refiner/Reseller Residual Fuel Oil Prices for Resale for Selected States (Continued)

(Cents per Gallon Excluding Taxes)

| Year Month | PAD III Average | AL | LA | MS | TX | PAD IV Average | PAD V Average | CA | HI | OR | WA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **1983 Average** | **59.7** | **66.2** | **58.9** | **59.1** | **60.2** | **61.2** | **60.2** | **60.1** | W | **61.4** | **60.1** |
| **1984 Average** | **64.2** | **64.1** | **63.8** | **64.3** | **64.4** | **59.9** | **61.9** | **61.6** | **74.3** | **63.9** | **63.0** |
| **1985 Average** | **55.1** | **56.4** | **54.6** | **58.6** | **55.3** | **55.6** | **54.7** | **54.7** | W | **57.9** | **55.8** |
| **1986** | | | | | | | | | | | |
| January | 48.8 | W | 47.5 | NA | 49.8 | 46.4 | 50.8 | 50.6 | W | 50.0 | 51.3 |
| February | 35.9 | W | 35.7 | W | 36.0 | 40.6 | 37.1 | 34.9 | W | 43.7 | 42.0 |
| March | 32.5 | W | 31.4 | W | 33.3 | 33.7 | 25.8 | 24.7 | W | 35.9 | 32.7 |
| April | 28.7 | W | 26.6 | W | 30.0 | 29.5 | 26.2 | 25.1 | W | 30.6 | 26.7 |
| May | 26.3 | W | 23.7 | NA | 27.8 | 33.8 | 23.9 | 22.8 | W | 26.0 | 28.0 |
| June | 27.1 | W | 25.2 | - | 28.2 | 32.4 | 20.9 | 20.2 | W | 21.6 | 22.4 |
| July | 21.7 | W | 20.7 | - | 22.0 | 33.9 | 19.2 | 18.9 | W | 18.5 | 19.0 |
| August | 22.9 | W | 23.7 | - | 22.3 | 30.6 | 20.9 | 20.3 | W | 23.5 | 23.7 |
| September | 26.4 | W | 25.6 | W | 27.3 | 24.1 | 27.1 | 27.3 | W | 26.1 | 22.4 |
| October | 26.8 | W | 27.1 | - | 26.7 | 23.5 | 26.5 | 26.1 | W | 29.9 | 27.1 |
| November | 26.8 | W | 26.6 | W | 27.0 | 27.3 | 24.0 | 22.9 | W | 27.4 | 26.9 |
| December | 28.8 | 28.9 | 28.8 | - | 28.9 | 28.3 | 28.4 | 27.0 | W | 29.3 | 30.3 |
| **1986 Average** | **29.2** | **30.3** | **28.6** | **28.4** | **29.7** | **31.8** | **28.1** | **27.6** | W | **31.4** | **28.6** |
| **1987** | | | | | | | | | | | |
| January | 36.3 | W | 37.4 | W | 35.4 | 25.7 | 34.4 | 33.2 | W | 35.4 | 38.0 |
| February | 36.4 | W | 35.6 | W | 37.1 | 31.8 | 35.0 | 33.8 | W | 38.1 | 38.3 |
| March | 35.3 | W | 35.6 | W | 35.1 | 31.3 | 33.1 | 31.7 | W | 35.8 | 34.6 |
| April | 37.4 | W | 38.3 | W | 36.9 | 32.7 | 35.5 | 34.8 | W | 35.6 | 34.6 |
| May | 41.0 | W | 41.7 | - | 40.6 | 29.6 | 37.8 | 37.0 | W | 39.2 | 38.3 |
| June | 41.9 | W | 42.2 | W | 41.8 | 38.9 | 41.2 | 40.8 | W | 43.9 | 41.0 |
| July | 43.5 | 44.5 | NA | W | 43.4 | 41.4 | 42.1 | 41.9 | W | 50.6 | 40.6 |
| August | 42.5 | 48.7 | NA | W | 42.6 | 44.4 | 42.3 | 41.6 | W | 48.5 | 41.7 |
| September | 39.1 | W | 38.7 | W | 39.3 | 44.7 | 37.6 | 35.9 | W | 42.2 | 38.3 |
| October | 37.5 | W | 39.0 | - | 36.0 | 44.5 | 36.5 | 35.8 | W | 40.6 | 36.7 |
| November | 36.8 | W | 36.0 | - | 37.3 | 44.0 | 34.6 | 34.2 | W | 40.9 | 34.6 |
| December | 29.4 | W | 28.7 | W | 29.8 | 38.9 | 30.9 | 29.2 | W | 37.6 | 28.3 |
| **1987 Average** | **38.1** | **40.4** | **38.3** | **39.6** | **37.9** | **36.6** | **36.8** | **36.0** | W | **39.9** | **37.4** |
| **1988** | | | | | | | | | | | |
| January | 28.6 | 36.4 | 28.7 | W | 28.4 | 35.5 | 29.0 | 28.1 | W | 35.1 | 29.9 |
| February | 30.1 | W | 29.6 | W | 30.4 | 35.2 | 27.6 | 26.3 | W | 30.8 | 28.1 |
| March | 26.3 | W | 26.2 | W | 26.2 | 32.1 | 26.8 | 25.7 | W | 30.9 | 27.4 |
| April | 27.2 | 29.2 | 27.6 | W | 27.0 | 30.0 | 29.5 | 28.7 | W | 30.9 | 29.6 |
| May | 31.0 | W | 32.4 | - | 30.3 | 34.3 | 31.2 | 30.3 | W | 39.2 | 31.2 |
| June | 29.8 | W | 30.7 | W | 29.1 | 34.9 | 30.7 | 29.7 | W | 35.2 | 34.7 |
| July | 28.4 | W | 28.3 | W | 28.5 | 31.2 | 27.1 | 27.1 | W | 33.5 | 27.6 |
| August | 29.4 | W | 30.0 | W | 28.7 | 31.1 | 29.1 | 29.1 | W | 35.9 | 28.6 |
| September | 27.8 | 28.5 | 29.1 | W | 26.3 | 30.8 | 28.7 | 28.8 | W | 33.8 | 27.7 |
| October | 22.3 | 24.7 | 24.6 | W | 21.2 | 29.4 | 23.0 | 22.9 | W | 27.6 | 22.4 |
| November | 26.0 | W | 26.2 | W | 26.1 | 29.6 | 25.7 | 25.6 | W | 27.9 | 24.1 |
| December | 26.8 | 29.0 | 27.3 | W | 26.1 | 29.7 | 26.9 | 26.9 | W | 30.0 | 25.5 |
| **1988 Average** | **28.0** | **27.6** | **28.6** | **25.7** | **27.5** | **31.9** | **27.9** | **27.3** | W | **31.7** | **28.2** |

Dashes (-) = No data reported.
NA = Not Available.
W = Withheld to avoid disclosure of individual company data.
Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

# Crude Oil Prices

# Table 19. Crude Oil Refiner Acquisition Costs
(Dollars per Barrel)

| Year Month | Major Refiners | | | Other Refiners | | | Average | | |
|---|---|---|---|---|---|---|---|---|---|
| | Domestic | Imported | Average | Domestic | Imported | Average | Domestic | Imported | Average |
| **1978 Average** | NA | NA | NA | NA | NA | NA | **10.61** | **14.57** | **12.46** |
| **1979 Average** | NA | NA | NA | NA | NA | NA | **14.27** | **21.67** | **17.72** |
| **1980 Average** | NA | NA | NA | NA | NA | NA | **24.23** | **33.89** | **28.07** |
| **1981 Average** | **34.25** | **37.41** | **35.49** | **34.54** | **36.39** | **34.92** | **34.33** | **37.05** | **35.24** |
| **1982 Average** | **31.07** | **33.92** | **31.89** | **31.72** | **32.07** | **31.81** | **31.22** | **33.55** | **31.87** |
| **1983 Average** | **28.67** | **29.53** | **28.92** | **29.42** | **28.33** | **29.17** | **28.87** | **29.30** | **28.99** |
| **1984 Average** | **28.42** | **29.04** | **28.61** | **28.90** | **28.08** | **28.71** | **28.53** | **28.88** | **28.63** |
| **1985 Average** | **26.66** | **27.11** | **26.79** | **26.66** | **26.51** | **26.63** | **26.66** | **26.99** | **26.75** |
| **1986** | | | | | | | | | |
| January | 25.84 | 24.81 | 25.54 | 26.15 | 25.40 | 25.95 | 25.91 | 24.93 | 25.63 |
| February | 20.12 | 17.87 | 19.53 | 20.98 | 19.09 | 20.54 | 20.31 | 18.11 | 19.76 |
| March | 14.90 | 14.08 | 14.68 | 15.42 | 14.69 | 15.22 | 15.02 | 14.22 | 14.80 |
| April | 13.06 | 13.32 | 13.13 | 12.85 | 12.64 | 12.79 | 13.01 | 13.15 | 13.05 |
| May | 12.96 | 13.28 | 13.07 | 13.07 | 12.85 | 13.00 | 12.99 | 13.17 | 13.05 |
| June | 12.97 | 12.22 | 12.70 | 13.56 | 12.39 | 13.23 | 13.12 | 12.25 | 12.83 |
| July | 11.22 | 10.76 | 11.05 | 12.03 | 11.42 | 11.84 | 11.44 | 10.91 | 11.26 |
| August | 11.84 | 11.80 | 11.83 | 12.37 | 12.09 | 12.27 | 11.97 | 11.87 | 11.93 |
| September | 13.15 | 12.84 | 13.04 | 13.73 | 12.87 | 13.41 | 13.29 | 12.85 | 13.13 |
| October | 13.07 | 12.72 | 12.94 | 13.61 | 13.00 | 13.40 | 13.20 | 12.78 | 13.05 |
| November | 13.00 | 13.44 | 13.16 | 13.84 | 13.53 | 13.74 | 13.22 | 13.46 | 13.30 |
| December | 13.40 | 14.15 | 13.66 | 14.48 | 14.28 | 14.41 | 13.66 | 14.17 | 13.84 |
| **1986 Average** | **14.74** | **13.99** | **14.49** | **15.07** | **14.06** | **14.75** | **14.82** | **14.00** | **14.55** |
| **1987** | | | | | | | | | |
| January | 15.96 | 16.54 | 16.16 | 16.15 | 16.17 | 16.16 | 16.01 | 16.45 | 16.16 |
| February | 16.57 | 17.00 | 16.71 | 17.33 | 16.91 | 17.21 | 16.77 | 16.98 | 16.83 |
| March | 16.86 | 17.21 | 16.98 | 17.15 | 17.39 | 17.22 | 16.93 | 17.26 | 17.04 |
| April | 17.13 | 17.95 | 17.41 | 17.44 | 17.68 | 17.52 | 17.21 | 17.89 | 17.44 |
| May | 17.53 | 18.32 | 17.80 | 17.95 | 18.07 | 17.99 | 17.63 | 18.25 | 17.85 |
| June | 18.22 | 18.74 | 18.42 | 18.64 | 18.60 | 18.63 | 18.33 | 18.71 | 18.47 |
| July | 18.95 | 19.24 | 19.07 | 19.31 | 19.33 | 19.32 | 19.04 | 19.26 | 19.13 |
| August | 19.27 | 19.31 | 19.29 | 19.74 | 19.36 | 19.60 | 19.39 | 19.32 | 19.36 |
| September | 18.43 | 18.54 | 18.47 | 18.97 | 18.66 | 18.86 | 18.57 | 18.57 | 18.57 |
| October | 18.24 | 18.52 | 18.36 | 18.68 | 18.55 | 18.63 | 18.36 | 18.53 | 18.43 |
| November | 17.82 | 18.10 | 17.93 | 18.26 | 18.26 | 18.26 | 17.94 | 18.14 | 18.02 |
| December | 16.87 | 17.17 | 16.98 | 17.47 | 17.34 | 17.43 | 17.02 | 17.20 | 17.09 |
| **1987 Average** | **17.65** | **18.14** | **17.84** | **18.10** | **18.09** | **18.10** | **17.76** | **18.13** | **17.90** |
| **1988** | | | | | | | | | |
| January | 15.64 | 15.24 | 15.50 | 16.25 | 16.16 | 16.22 | 15.80 | 15.45 | 15.68 |
| February | 15.43 | 15.38 | 15.41 | 16.02 | 15.62 | 15.89 | 15.58 | 15.43 | 15.53 |
| March | 14.69 | 14.76 | 14.72 | 15.52 | 14.62 | 15.20 | 14.91 | 14.73 | 14.84 |
| April | 15.81 | 15.74 | 15.78 | 16.04 | 15.28 | 15.76 | 15.87 | 15.62 | 15.77 |
| May | 16.23 | 15.93 | 16.10 | 16.67 | 15.93 | 16.41 | 16.35 | 15.93 | 16.18 |
| June | 15.58 | 15.52 | 15.55 | 16.19 | 15.43 | 15.91 | 15.74 | 15.50 | 15.65 |
| July | 14.43 | 14.91 | 14.62 | 15.19 | 14.48 | 14.94 | 14.64 | 14.81 | 14.71 |
| August | 14.22 | 14.26 | 14.24 | 14.72 | 14.49 | 14.63 | 14.36 | 14.32 | 14.34 |
| September | 13.84 | 13.89 | 13.86 | 14.26 | 13.69 | 14.05 | 13.96 | 13.84 | 13.91 |
| October | 12.69 | 13.17 | 12.89 | 13.43 | 12.70 | 13.15 | 12.90 | 13.05 | 12.96 |
| November | 12.35 | 12.59 | 12.45 | 13.27 | 12.90 | 13.12 | 12.61 | 12.66 | 12.63 |
| December | 13.86 | 14.03 | 13.93 | 13.96 | 14.35 | 14.11 | 13.88 | 14.11 | 13.98 |
| **1988 Average** | **14.59** | **14.57** | **14.58** | **15.12** | **14.55** | **14.91** | **14.74** | **14.56** | **14.67** |

NA = Not available.

Note: Geographic coverage is the 50 United States, the District of Columbia, Puerto Rico, Guam, and the Virgin Islands.

Sources: January 1978 through June 1978: Form FEA-P110-M-1, "Refiners' Monthly Cost Allocation Report"; July 1978 through December 1980: Form ERA-49, "Domestic Crude Oil Entitlements Program Refiners' Monthly Report"; January 1981 to present: Form EIA-14, "Refiners' Monthly Cost Report."

# Table 20. Domestic Crude Oil First Purchase Prices
(Dollars per Barrel)

| Year Month | U.S. Average | | PAD District I | | | | PAD District II | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total U.S. | Less Alaska North Slope | PAD I Average | New York | Pennsylvania | West Virginia | PAD II Average | Illinois | Indiana | Kansas | Kentucky | Michigan | Nebraska |
| **1978 Average** | **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 Average** | **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 Average** | **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 Average** | **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 Average** | **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 Average** | **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 Average** | **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 Average** | **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** | | | | | | | | | | | | | |
| January | 23.12 | 24.95 | 24.79 | 24.25 | 24.33 | 23.80 | 24.87 | 25.08 | 24.87 | 24.13 | 24.40 | 25.94 | 24.26 |
| February | 17.65 | 19.40 | 20.10 | 20.10 | 20.19 | 19.21 | 17.97 | 18.84 | 18.24 | 16.72 | 17.71 | 20.06 | 17.06 |
| March | 12.62 | 14.10 | 15.16 | 16.34 | 16.43 | 15.35 | 13.47 | 14.95 | 14.79 | 13.03 | 14.33 | 14.33 | 12.85 |
| April | 10.68 | 12.08 | 12.91 | 13.64 | 13.70 | 12.80 | 11.85 | 12.76 | 12.58 | 11.79 | 12.16 | 12.92 | 11.44 |
| May | 10.75 | 12.27 | 12.47 | 13.51 | 13.47 | 12.82 | 12.57 | 13.45 | 13.43 | 12.45 | 13.08 | 12.32 | 12.20 |
| June | 10.68 | 12.40 | 12.66 | 13.53 | 13.48 | 12.77 | 12.56 | 13.06 | 13.01 | 12.11 | 12.81 | 12.67 | 12.28 |
| July | 9.25 | 10.94 | 11.84 | W | 13.18 | 12.07 | 10.86 | 10.78 | 10.80 | 10.67 | 10.45 | 10.98 | 10.35 |
| August | 9.77 | 11.46 | 11.65 | W | 12.55 | 11.85 | 12.27 | 12.27 | 12.31 | 12.37 | 11.97 | 12.35 | 11.99 |
| September | 11.09 | 12.62 | 13.64 | 14.51 | 14.52 | 13.17 | 13.36 | 13.24 | 13.20 | 13.29 | 12.90 | 13.41 | 13.15 |
| October | 11.00 | 12.60 | 13.27 | 15.26 | 15.28 | 13.33 | 13.11 | 12.93 | 13.18 | 12.94 | 12.57 | 13.13 | 12.73 |
| November | 11.05 | 12.64 | 13.24 | 15.22 | 15.27 | 13.68 | 13.10 | 12.93 | 12.88 | 12.93 | 12.57 | 13.06 | 12.65 |
| December | 11.73 | 13.12 | 13.75 | 15.25 | 15.38 | 14.21 | 13.75 | 13.47 | 13.57 | 13.74 | 13.22 | 13.59 | 13.30 |
| **1986 Average** | **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** | | | | | | | | | | | | | |
| January | 13.79 | 15.32 | 15.18 | 16.31 | 16.49 | 15.45 | 16.19 | 16.29 | 16.27 | 16.16 | 15.94 | 16.30 | 15.80 |
| February | 14.51 | 15.95 | 15.47 | 16.60 | 16.54 | 15.61 | 16.48 | 16.58 | 16.53 | 16.47 | 16.25 | 16.68 | 16.22 |
| March | 14.54 | 15.97 | 15.80 | 16.71 | 16.44 | 15.62 | 16.45 | 16.53 | 16.52 | 16.42 | 16.18 | 16.57 | 16.14 |
| April | 14.95 | 16.23 | 15.82 | 16.36 | 16.47 | 15.66 | 16.67 | 16.64 | 16.66 | 16.68 | 16.35 | 16.80 | 16.34 |
| May | 15.29 | 16.69 | 16.24 | 17.02 | 17.10 | 16.19 | 17.32 | 17.48 | 17.42 | 17.30 | 17.21 | 17.42 | 17.01 |
| June | 15.95 | 17.33 | 16.94 | 17.84 | 17.73 | 16.90 | 17.91 | 18.13 | 18.14 | 17.88 | 17.82 | 18.10 | 17.62 |
| July | 16.88 | 18.25 | 17.78 | 18.75 | 18.67 | 17.83 | 18.91 | 19.10 | 19.13 | 18.82 | 18.81 | 19.34 | 18.63 |
| August | 17.06 | 18.46 | 17.99 | 18.63 | 18.72 | 17.83 | 18.90 | 19.04 | 18.95 | 18.83 | 18.67 | 19.06 | 18.58 |
| September | 16.25 | 17.59 | 17.23 | 17.94 | 18.00 | 17.14 | 17.94 | 18.03 | 17.98 | 17.84 | 17.58 | 18.22 | 17.61 |
| October | 15.95 | 17.37 | 16.98 | 17.83 | 17.96 | 17.13 | 18.03 | 18.17 | 18.11 | 17.97 | 17.81 | 18.29 | 17.63 |
| November | 15.46 | 17.00 | 16.81 | 17.75 | 17.98 | 17.10 | 17.63 | 17.74 | 17.72 | 17.55 | 17.41 | 17.94 | 17.25 |
| December | 14.27 | 15.86 | 15.91 | 17.06 | 17.12 | 16.36 | 16.53 | 16.58 | 16.59 | 16.40 | 16.20 | 16.78 | 16.11 |
| **1987 Average** | **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** | | | | | | | | | | | | | |
| January | 13.64 | 15.05 | 14.80 | W | 15.99 | 15.02 | 15.79 | 15.93 | 15.80 | 15.71 | 15.51 | 16.08 | 15.27 |
| February | 13.43 | 14.84 | 14.91 | 15.84 | 16.03 | 15.08 | 15.62 | 15.73 | 15.54 | 15.51 | 15.32 | 15.89 | 14.89 |
| March | 12.96 | 14.31 | 14.62 | 15.84 | 16.00 | 15.01 | 15.02 | 15.05 | 15.07 | 14.89 | 14.68 | 15.20 | 14.53 |
| April | 13.92 | 15.24 | 15.16 | 16.31 | 16.26 | 15.43 | 16.11 | 16.27 | 16.32 | 16.05 | 16.04 | 16.28 | 15.72 |
| May | 14.12 | 15.59 | 15.39 | 15.78 | 16.02 | 15.21 | 16.25 | 16.41 | 16.49 | 16.19 | 16.11 | 16.55 | 15.87 |
| June | 13.59 | 15.01 | 15.21 | W | 15.99 | 15.07 | 15.55 | 15.62 | 15.65 | 15.44 | 15.32 | 15.86 | 15.03 |
| July | 12.38 | 13.66 | 14.27 | W | 15.08 | 14.12 | 14.19 | 14.34 | 14.29 | 14.14 | 14.03 | 14.55 | 13.76 |
| August | 12.22 | 13.56 | 14.22 | W | 15.00 | 14.05 | 14.13 | 14.20 | 14.13 | 14.01 | 14.06 | 14.60 | 13.64 |
| September | 11.63 | 13.08 | 13.50 | W | 14.21 | 13.24 | 13.60 | 13.75 | 13.73 | 13.51 | 13.73 | 13.92 | 13.17 |
| October | 10.62 | 12.07 | 12.31 | 14.10 | 14.08 | 13.08 | 12.63 | 12.71 | 12.64 | 12.51 | 12.74 | 12.86 | 12.11 |
| November | 10.31 | 11.73 | 12.08 | W | 14.00 | 13.03 | 12.33 | 12.78 | 12.88 | 12.30 | 12.85 | 12.59 | 11.93 |
| December | 11.99 | 13.30 | 13.15 | W | 13.95 | 13.05 | 14.22 | 14.51 | 14.62 | 14.06 | 14.54 | 14.30 | 13.74 |
| **1988 Average** | **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** |

See footnotes at end of table.

# Table 20. Domestic Crude Oil First Purchase Prices (Continued)
(Dollars per Barrel)

| Year Month | PAD District II (Cont.) | | | | PAD District III | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | North Dakota | Ohio | Oklahoma | South Dakota | PAD III Average | Alabama | Arkansas | Louisiana | Mississippi | New Mexico | Texas | Federal Offshore Gulf |
| **1978 Average** | **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 Average** | **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 Average** | **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 Average** | **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 Average** | **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 Average** | **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 Average** | **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 Average** | **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** | | | | | | | | | | | | |
| January | 24.51 | 24.24 | 25.21 | 24.76 | 26.07 | 24.91 | 24.47 | 26.77 | 24.41 | 26.10 | 25.78 | 26.76 |
| February | 17.80 | 19.50 | 18.00 | 17.44 | 20.10 | 18.71 | 16.67 | 20.10 | 17.47 | 20.20 | 19.72 | 21.62 |
| March | 11.84 | 15.88 | 13.55 | 12.54 | 14.87 | 12.98 | 13.55 | 15.26 | 12.95 | 15.05 | 14.56 | 15.82 |
| April | 10.81 | 13.31 | 11.73 | 11.26 | 12.89 | 11.67 | 12.69 | 13.36 | 11.61 | 12.92 | 12.68 | 13.38 |
| May | 11.56 | 13.35 | 12.76 | 12.05 | 13.07 | 11.76 | 13.61 | 13.60 | 12.05 | 13.02 | 12.97 | 13.14 |
| June | 12.22 | 13.20 | 12.72 | 12.39 | 13.24 | 12.66 | 13.30 | 13.75 | 12.44 | 13.28 | 13.08 | 13.44 |
| July | 10.46 | 12.13 | 11.02 | 10.63 | 11.67 | 10.73 | 11.20 | 12.22 | 10.77 | 11.54 | 11.46 | 12.05 |
| August | 11.72 | 12.21 | 12.44 | 12.21 | 12.21 | 11.20 | 12.93 | 12.63 | 11.27 | 12.09 | 12.14 | 12.26 |
| September | 12.79 | 13.62 | 13.60 | 13.18 | 13.32 | 12.63 | 13.80 | 13.93 | 12.41 | 13.32 | 13.16 | 13.49 |
| October | 12.54 | 14.80 | 13.30 | 12.78 | 13.32 | 12.45 | 13.53 | 13.76 | 12.30 | 13.28 | 13.18 | 13.56 |
| November | 12.55 | 14.99 | 13.31 | 12.94 | 13.31 | 12.40 | 13.57 | 13.74 | 12.28 | 13.30 | 13.17 | 13.57 |
| December | 13.09 | 15.24 | 13.99 | 13.34 | 13.89 | 13.18 | 13.94 | 14.35 | 12.95 | 13.72 | 13.81 | 14.01 |
| **1986 Average** | **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** | | | | | | | | | | | | |
| January | 15.41 | 16.46 | 16.44 | 15.34 | 16.22 | 15.20 | 16.23 | 16.71 | 15.31 | 16.07 | 16.23 | 16.12 |
| February | 15.89 | 16.43 | 16.66 | 16.04 | 16.69 | 15.88 | 16.18 | 17.14 | 15.59 | 16.60 | 16.63 | 16.78 |
| March | 15.80 | 16.52 | 16.64 | 16.23 | 16.70 | 15.80 | 16.15 | 17.08 | 15.83 | 16.65 | 16.64 | 16.81 |
| April | 16.02 | 16.50 | 16.90 | 16.19 | 16.88 | 16.03 | 16.61 | 17.26 | 16.00 | 16.81 | 16.88 | 16.83 |
| May | 16.66 | 17.13 | 17.53 | 16.91 | 17.41 | 16.65 | 17.18 | 17.89 | 16.58 | 17.43 | 17.41 | 17.28 |
| June | 17.24 | 17.75 | 18.10 | 17.42 | 18.01 | 17.29 | 17.84 | 18.46 | 17.33 | 18.04 | 17.98 | 17.95 |
| July | 18.17 | 18.67 | 19.13 | 18.49 | 18.96 | 18.24 | 18.83 | 19.36 | 18.27 | 18.95 | 18.95 | 18.87 |
| August | 18.29 | 18.67 | 19.11 | 18.46 | 19.13 | 18.32 | 18.82 | 19.51 | 18.42 | 19.13 | 19.09 | 19.14 |
| September | 17.42 | 17.99 | 18.12 | 17.38 | 18.23 | 17.51 | 17.74 | 18.43 | 17.42 | 18.25 | 18.19 | 18.37 |
| October | 17.37 | 18.00 | 18.22 | 17.62 | 18.13 | 17.53 | 17.83 | 18.51 | 17.49 | 18.16 | 18.09 | 18.09 |
| November | 16.96 | 17.97 | 17.79 | 17.12 | 17.83 | 17.01 | 17.39 | 18.18 | 17.06 | 17.83 | 17.81 | 17.82 |
| December | 15.91 | 17.16 | 16.72 | 15.99 | 16.76 | 16.03 | 16.08 | 17.11 | 15.95 | 16.80 | 16.69 | 16.88 |
| **1987 Average** | **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** | | | | | | | | | | | | |
| January | 15.19 | 15.96 | 15.97 | 15.35 | 15.94 | 15.12 | 15.23 | 16.34 | 15.34 | 15.95 | 15.90 | 15.97 |
| February | 14.96 | 15.92 | 15.82 | 14.98 | 15.80 | 14.94 | 15.21 | 16.28 | 15.16 | 15.77 | 15.75 | 15.83 |
| March | 14.08 | 15.89 | 15.32 | 14.42 | 15.12 | 14.21 | 14.67 | 15.59 | 14.40 | 15.12 | 15.09 | 15.09 |
| April | 15.32 | 16.25 | 16.33 | 15.69 | 16.10 | 15.03 | 15.92 | 16.63 | 15.35 | 16.10 | 16.08 | 15.99 |
| May | 15.50 | 16.09 | 16.47 | 15.70 | 16.42 | 15.58 | 16.07 | 16.86 | 15.60 | 16.48 | 16.39 | 16.34 |
| June | 14.83 | 16.03 | 15.76 | 15.05 | 15.83 | 14.88 | 15.34 | 16.16 | 14.91 | 15.82 | 15.82 | 15.87 |
| July | 13.43 | 14.83 | 14.37 | 13.57 | 14.35 | 13.51 | 14.04 | 14.87 | 13.54 | 14.43 | 14.25 | 14.47 |
| August | 13.32 | 14.91 | 14.34 | 13.52 | 14.23 | 13.41 | 13.92 | 14.68 | 13.51 | 14.29 | 14.19 | 14.19 |
| September | 12.79 | 14.01 | 13.80 | 12.94 | 13.67 | 12.81 | 13.43 | 14.10 | 12.94 | 13.76 | 13.62 | 13.70 |
| October | 11.84 | 13.94 | 12.81 | 11.95 | 12.74 | 11.89 | 12.44 | 13.12 | 12.04 | 12.81 | 12.71 | 12.69 |
| November | 11.55 | 13.90 | 12.36 | 11.65 | 12.43 | 11.52 | 12.19 | 12.95 | 11.78 | 12.49 | 12.38 | 12.37 |
| December | 13.31 | 14.03 | 14.54 | 13.58 | 14.06 | 13.32 | 13.95 | 14.61 | 13.48 | 14.13 | 14.10 | 13.71 |
| **1988 Average** | **13.85** | **15.19** | **14.86** | **14.04** | **14.75** | **13.86** | **14.41** | **15.22** | **13.98** | **14.78** | **14.71** | **14.71** |

See footnotes at end of table.

# Table 20. Domestic Crude Oil First Purchase Prices (Continued)
(Dollars per Barrel)

| Year Month | PAD District IV | | | | | PAD District V | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | PAD IV Average | Colorado | Montana | Utah | Wyoming | PAD V Average | Alaska North Slope | Alaska Other | California | Federal Offshore California |
| **1978 Average** | **9.50** | **10.84** | **9.04** | **9.98** | **9.16** | **6.60** | **5.21** | **5.45** | **8.58** | **6.10** |
| **1979 Average** | **11.98** | **13.28** | **12.03** | **11.41** | **11.73** | **11.17** | **10.57** | **6.22** | **12.78** | **8.06** |
| **1980 Average** | **21.29** | **22.91** | **20.53** | **19.79** | **21.34** | **19.09** | **16.87** | **10.25** | **23.87** | **16.28** |
| **1981 Average** | **33.38** | **35.69** | **34.69** | **34.14** | **32.30** | **24.79** | **23.23** | **30.15** | **26.80** | **24.56** |
| **1982 Average** | **30.14** | **31.56** | **31.25** | **30.50** | **29.37** | **21.84** | **19.92** | **27.74** | **24.58** | **23.37** |
| **1983 Average** | **27.81** | **28.92** | **28.80** | **28.12** | **27.19** | **19.66** | **17.69** | **23.59** | **22.61** | **20.54** |
| **1984 Average** | **27.18** | **28.09** | **28.07** | **27.21** | **26.73** | **19.52** | **17.91** | **24.37** | **22.09** | **20.41** |
| **1985 Average** | **24.78** | **25.64** | **25.29** | **23.98** | **24.67** | **19.11** | **16.98** | **22.46** | **22.14** | **20.08** |
| **1986** | | | | | | | | | | |
| January | 24.05 | 24.80 | 24.73 | 23.33 | 23.91 | 18.16 | 15.78 | 23.55 | 21.67 | 19.63 |
| February | 18.33 | 18.46 | 18.48 | 18.18 | 18.31 | 14.06 | 10.82 | 20.84 | 18.84 | 16.33 |
| March | 12.39 | 12.98 | 13.12 | 12.73 | 11.93 | 9.24 | 6.86 | 13.44 | 12.89 | 11.21 |
| April | 10.77 | 11.34 | 11.54 | 11.05 | 10.36 | 7.18 | 5.18 | 11.32 | 10.14 | 9.14 |
| May | 11.11 | 11.91 | 11.98 | 10.95 | 10.77 | 6.89 | 4.91 | 11.52 | 9.94 | 8.44 |
| June | 11.64 | 12.36 | 11.77 | 11.75 | 11.39 | 6.52 | 4.45 | 11.50 | 9.90 | 7.44 |
| July | 10.15 | 10.92 | 10.04 | 10.64 | 9.85 | 5.34 | 3.11 | 10.30 | 9.03 | 6.20 |
| August | 10.80 | 11.76 | 11.24 | 10.77 | 10.47 | 5.53 | 3.67 | 9.93 | 8.60 | 6.74 |
| September | 12.03 | 13.06 | 12.34 | 11.94 | 11.73 | 7.04 | 5.33 | 11.07 | 9.83 | 8.27 |
| October | 12.03 | 12.88 | 12.02 | 12.13 | 11.78 | 7.09 | 5.47 | 11.23 | 10.03 | 7.48 |
| November | 12.12 | 12.86 | 12.13 | 12.39 | 11.84 | 7.27 | 5.56 | 11.27 | 10.27 | 8.17 |
| December | 12.76 | 13.56 | 12.76 | 12.55 | 12.62 | 7.90 | 6.62 | 11.34 | 10.12 | 7.79 |
| **1986 Average** | **13.24** | **13.98** | **13.58** | **13.33** | **12.94** | **8.53** | **6.45** | **13.13** | **11.90** | **9.48** |
| **1987** | | | | | | | | | | |
| January | 15.16 | 16.14 | 15.17 | 15.09 | 14.95 | 9.77 | 8.90 | 12.75 | 11.51 | 9.60 |
| February | 15.62 | 16.48 | 15.50 | 15.56 | 15.46 | 10.82 | 9.42 | 14.40 | 13.25 | 11.10 |
| March | 15.59 | 16.38 | 15.47 | 15.71 | 15.39 | 11.05 | 9.89 | 14.47 | 13.23 | 11.25 |
| April | 15.93 | 16.72 | 15.87 | 16.08 | 15.72 | 11.81 | 10.83 | 15.40 | 13.78 | 11.11 |
| May | 16.60 | 17.66 | 16.47 | 16.88 | 16.30 | 11.94 | 10.93 | 15.69 | 13.87 | 11.79 |
| June | 17.35 | 18.22 | 17.13 | 17.93 | 17.04 | 12.56 | 11.51 | 16.32 | 14.53 | 12.81 |
| July | 18.34 | 19.43 | 18.02 | 19.02 | 17.92 | 13.43 | 12.41 | 16.84 | 15.36 | 13.34 |
| August | 18.57 | 19.63 | 18.15 | 19.48 | 18.15 | 13.71 | 12.57 | 17.16 | 15.89 | 13.65 |
| September | 17.69 | 18.71 | 17.19 | 18.66 | 17.27 | 12.94 | 11.74 | 16.74 | 15.08 | 13.69 |
| October | 17.50 | 18.51 | 17.25 | 18.23 | 17.10 | 12.43 | 11.49 | 16.31 | 14.33 | 11.99 |
| November | 17.02 | 17.93 | 16.89 | 17.53 | 16.70 | 11.82 | 10.89 | 16.02 | 13.75 | 11.68 |
| December | 15.83 | 16.74 | 15.75 | 16.15 | 15.53 | 10.43 | 9.46 | 14.54 | 12.40 | 9.94 |
| **1987 Average** | **16.77** | **17.71** | **16.57** | **17.22** | **16.45** | **11.89** | **10.83** | **15.48** | **13.92** | **11.82** |
| **1988** | | | | | | | | | | |
| January | 15.04 | 15.89 | 15.04 | 15.22 | 14.79 | 10.03 | 9.35 | 13.83 | 11.40 | 9.34 |
| February | 14.86 | 15.74 | 14.94 | 15.18 | 14.52 | 9.81 | 9.17 | 13.52 | 11.11 | 8.73 |
| March | 14.32 | 15.14 | 14.20 | 14.53 | 14.07 | 9.60 | 8.98 | 13.05 | 10.94 | 8.94 |
| April | 15.27 | 16.23 | 15.31 | 15.33 | 14.99 | 10.47 | 9.88 | 13.98 | 11.68 | 9.77 |
| May | 15.60 | 16.47 | 15.42 | 16.00 | 15.29 | 10.55 | 9.65 | 14.52 | 12.30 | 11.07 |
| June | 14.81 | 15.85 | 14.75 | 15.21 | 14.42 | 10.15 | 9.18 | 14.41 | 11.98 | 10.34 |
| July | 13.36 | 14.46 | 13.42 | 13.66 | 12.97 | 9.39 | 8.47 | 12.83 | 11.11 | 10.02 |
| August | 13.22 | 14.29 | 13.29 | 13.69 | 12.76 | 9.25 | 8.25 | 13.12 | 11.19 | 9.56 |
| September | 12.68 | 13.72 | 12.78 | 13.12 | 12.24 | 8.69 | 7.48 | 12.11 | 11.08 | 9.66 |
| October | 11.78 | 12.82 | 11.79 | 12.54 | 11.27 | 7.52 | 6.40 | 10.91 | 9.70 | 8.33 |
| November | 11.43 | 12.57 | 11.47 | 11.78 | 11.01 | 7.17 | 6.18 | 10.66 | 9.16 | 7.63 |
| December | 13.36 | 14.73 | 13.23 | 14.00 | 12.83 | 8.76 | 8.13 | 12.03 | 9.93 | 9.55 |
| **1988 Average** | **13.85** | **14.83** | **13.84** | **14.24** | **13.47** | **9.28** | **8.43** | **12.92** | **10.97** | **9.41** |

W = Withheld to avoid disclosure of individual company data.

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

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

# Table 21. FOB[a] Costs of Imported Crude Oil
(Dollars per Barrel)

| Year Month | Selected Countries | | | | | | | | | OPEC | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Algeria | Indonesia | Iran | Mexico | Nigeria | Saudi Arabia | United Kingdom | Venezuela | Other Countries | Arab OPEC[b] | Total OPEC[c] |
| **1978 Average** | **14.10** | **13.64** | **12.65** | **13.24** | **14.04** | **12.70** | **13.82** | **12.45** | **13.35** | **13.28** | **13.30** |
| **1979 Average** | **20.65** | **19.35** | **23.71** | **20.29** | **21.80** | **17.63** | **21.20** | **17.37** | **21.43** | **19.25** | **19.91** |
| **1980 Average** | **36.57** | **32.37** | **-** | **31.11** | **35.82** | **28.53** | **34.58** | **24.78** | **34.24** | **31.61** | **32.25** |
| **1981 Average** | **39.09** | **35.93** | **-** | **33.13** | **38.53** | **32.48** | **36.08** | **28.86** | **36.69** | **34.73** | **35.11** |
| **1982 Average** | **34.23** | **35.27** | **30.93** | **28.07** | **35.13** | **33.50** | **33.46** | **23.77** | **31.96** | **33.84** | **33.45** |
| **1983 Average** | **30.06** | **29.93** | **28.25** | **25.19** | **29.78** | **28.03** | **29.84** | **21.48** | **27.96** | **28.38** | **28.45** |
| **1984 Average** | **28.04** | **29.10** | **26.93** | **26.37** | **29.39** | **27.60** | **28.90** | **24.16** | **27.65** | **27.68** | **27.59** |
| **1985 Average** | **26.84** | **27.12** | **W** | **25.33** | **28.04** | **22.04** | **27.63** | **23.64** | **26.11** | **24.30** | **25.66** |
| **1986** | | | | | | | | | | | |
| January | 25.21 | 26.68 | - | 19.96 | 26.17 | 12.75 | 25.15 | 21.40 | 23.21 | 14.74 | 21.02 |
| February | W | W | W | 14.26 | 19.83 | 11.64 | 17.82 | 12.56 | 16.82 | 11.63 | 13.99 |
| March | W | 13.32 | W | 11.60 | 15.78 | 11.95 | 15.62 | 10.45 | 13.43 | 12.15 | 12.53 |
| April | W | 10.77 | W | 10.39 | 14.54 | 12.12 | 12.14 | 10.48 | 11.87 | 12.04 | 11.82 |
| May | 12.17 | 11.28 | W | 10.72 | 13.58 | 7.91 | 13.25 | 10.82 | 11.91 | 8.80 | 10.46 |
| June | W | 11.84 | W | 9.93 | 12.31 | 8.54 | 12.91 | 9.54 | 11.88 | 9.03 | 10.33 |
| July | W | 10.00 | W | 8.61 | 10.99 | 10.15 | 10.38 | 7.71 | 10.55 | 10.20 | 9.85 |
| August | W | 9.82 | W | 10.55 | 11.44 | 9.35 | 10.45 | 9.96 | 11.52 | 9.80 | 10.36 |
| September | W | 12.22 | - | 11.58 | 13.43 | 10.45 | 13.47 | 10.16 | 12.35 | 10.64 | 11.31 |
| October | W | 12.47 | W | 11.40 | 13.86 | 11.34 | 13.65 | 10.26 | 12.64 | 11.45 | 11.81 |
| November | W | 12.05 | - | 11.78 | 13.88 | 13.65 | 14.05 | 10.73 | 12.84 | 13.37 | 12.64 |
| December | W | W | W | 12.73 | 15.04 | 15.15 | 15.26 | 12.68 | 13.80 | 14.98 | 14.13 |
| **1986 Average** | **13.62** | **13.19** | **W** | **11.84** | **14.35** | **11.36** | **13.84** | **10.92** | **13.32** | **11.59** | **12.21** |
| **1987** | | | | | | | | | | | |
| January | 16.30 | 15.22 | W | 15.55 | 17.38 | 14.51 | 17.42 | 13.75 | 15.72 | 14.81 | 14.92 |
| February | 16.00 | 17.75 | W | 15.34 | 18.07 | W | W | 13.93 | 16.52 | 16.12 | 15.84 |
| March | W | 16.91 | W | 16.02 | 17.72 | W | 17.36 | 14.76 | 16.31 | 16.37 | 16.34 |
| April | W | 17.24 | W | 16.40 | 18.44 | W | 17.79 | 15.29 | 16.83 | 16.46 | 16.78 |
| May | W | 17.28 | W | 17.68 | 18.68 | 16.77 | 18.36 | 15.65 | 17.14 | 16.83 | 16.92 |
| June | W | 17.67 | W | 17.78 | 18.75 | W | 18.61 | 16.24 | 17.58 | 16.76 | 17.24 |
| July | W | 17.89 | W | 18.75 | 18.93 | 16.43 | 19.33 | 16.49 | 18.07 | 16.72 | 17.35 |
| August | 18.09 | 18.46 | W | 17.54 | 19.58 | W | 19.55 | 15.70 | 18.18 | 17.03 | 17.35 |
| September | W | 17.74 | W | 16.27 | 18.58 | W | 18.35 | 15.50 | 17.47 | 16.89 | 17.05 |
| October | W | 17.66 | W | 16.64 | 18.69 | 12.74 | 18.40 | 15.69 | 17.39 | 14.22 | 16.01 |
| November | W | 17.56 | - | 15.51 | 18.49 | 12.99 | 17.90 | 14.47 | 17.03 | 15.64 | 16.27 |
| December | W | 16.28 | - | 12.72 | 17.61 | 12.35 | W | 13.23 | 15.99 | 13.29 | 14.50 |
| **1987 Average** | **16.79** | **17.40** | **W** | **16.36** | **18.47** | **15.12** | **18.28** | **15.08** | **17.11** | **15.80** | **16.43** |
| **1988** | | | | | | | | | | | |
| January | W | 16.62 | - | 12.79 | 17.04 | 11.41 | 16.23 | 12.37 | 14.96 | 12.17 | 13.26 |
| February | W | 16.16 | - | 12.91 | 15.80 | 12.78 | W | 12.31 | 14.59 | 13.16 | 13.73 |
| March | W | 13.65 | - | 11.81 | 15.72 | 12.90 | 14.68 | 12.67 | 13.82 | 13.18 | 13.80 |
| April | W | 14.59 | - | 13.65 | 16.10 | 12.77 | 15.20 | 13.44 | 14.70 | 13.37 | 14.23 |
| May | W | 15.63 | - | 13.68 | 16.06 | W | 16.10 | 13.54 | 14.91 | 13.61 | 14.44 |
| June | W | 15.26 | - | 12.82 | 15.60 | 12.75 | 15.32 | 13.80 | 14.17 | 13.23 | 14.12 |
| July | W | 14.06 | - | 12.17 | 15.14 | 11.27 | 14.43 | 13.18 | 13.57 | 12.23 | 13.40 |
| August | W | 13.58 | - | 12.37 | 14.93 | 10.15 | 14.86 | 12.65 | 13.07 | 11.57 | 12.72 |
| September | W | 12.84 | - | 11.69 | 13.71 | 9.44 | W | 12.38 | 12.33 | 10.32 | 12.15 |
| October | W | 11.47 | - | 10.00 | 13.66 | W | 12.69 | 12.93 | 11.51 | 11.36 | 12.32 |
| November | W | 11.48 | - | 10.16 | 13.74 | W | W | 12.45 | 11.80 | 12.92 | 12.80 |
| December | W | W | - | 12.31 | 15.56 | W | 13.59 | 13.46 | 12.78 | 13.51 | 13.85 |
| **1988 Average** | **W** | **13.81** | **-** | **12.18** | **15.16** | **12.16** | **14.80** | **12.96** | **13.45** | **12.57** | **13.43** |

[a] FOB = Free on Board. See Glossary.
[b] Includes Algeria, Libya, Saudi Arabia, United Arab Emirates, Iraq, Kuwait, and Qatar.
[c] Includes Algeria, Ecuador, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela.
Dashes (-) = No data reported.
W = Withheld to avoid disclosure of individual company data.
Note: Prices through 1980 reflect the month of reporting; prices since then reflect the month of loading.
Note: Cargoes that were purchased on a "netback" basis, or under similar contractual arrangements whereby the actual purchase price is not established at the time the crude is acquired for importation into the United States, are not included in the published data until the actual prices have been determined and reported.
Sources: January 1978 through December 1978: Form FEA-F701-M-0, "Transfer Pricing Report"; January 1979 through September 1982: Form ERA-51, "Transfer Pricing Report"; October 1982 through June 1984: Form EP-51, "Monthly Foreign Crude Oil Transaction Report"; July 1984 to present: Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

# Table 22. Landed Costs of Imported Crude Oil
(Dollars per Barrel)

| Year Month | Selected Countries | | | | | | | | | | OPEC | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Algeria | Canada | Indonesia | Iran | Mexico | Nigeria | Saudi Arabia | United Kingdom | Venezuela | Other Countries | Arab OPEC[a] | Total OPEC[b] |
| **1978 Average** | **14.91** | **14.50** | **14.64** | **13.88** | **13.54** | **14.86** | **13.92** | **-** | **12.83** | **14.58** | **14.36** | **14.34** |
| **1979 Average** | **21.90** | **20.43** | **20.69** | **25.02** | **20.86** | **22.96** | **19.15** | **22.16** | **18.18** | **23.18** | **20.79** | **21.29** |
| **1980 Average** | **37.90** | **30.47** | **33.92** | **-** | **31.80** | **37.05** | **30.02** | **35.88** | **25.86** | **36.02** | **32.97** | **33.56** |
| **1981 Average** | **40.49** | **32.16** | **37.57** | **-** | **33.78** | **39.70** | **34.19** | **37.24** | **29.87** | **38.54** | **36.22** | **36.60** |
| **1982 Average** | **35.28** | **26.92** | **36.75** | **32.40** | **28.64** | **36.17** | **35.00** | **34.28** | **24.82** | **34.03** | **35.15** | **34.81** |
| **1983 Average** | **31.26** | **25.63** | **31.57** | **29.81** | **25.78** | **30.84** | **29.76** | **30.87** | **22.94** | **29.68** | **30.03** | **29.87** |
| **1984 Average** | **29.08** | **26.59** | **30.64** | **28.67** | **26.87** | **30.50** | **29.50** | **29.60** | **25.15** | **29.20** | **29.12** | **28.93** |
| **1985 Average** | **27.46** | **25.71** | **28.67** | **25.79** | **25.63** | **28.96** | **24.72** | **28.35** | **24.43** | **27.33** | **25.88** | **26.85** |
| **1986** | | | | | | | | | | | | |
| January | 24.69 | 23.89 | 28.45 | - | 20.33 | 27.73 | 14.54 | 25.36 | 22.21 | 24.95 | 17.57 | 22.68 |
| February | W | 17.42 | W | W | 14.61 | 21.18 | 13.80 | 18.22 | 13.27 | 17.58 | 13.88 | 15.40 |
| March | W | 12.96 | 14.94 | W | 11.94 | 16.44 | 13.60 | 16.02 | 11.04 | 14.89 | 13.52 | 13.67 |
| April | W | 11.69 | 12.29 | W | 10.74 | 15.02 | 13.66 | 13.00 | 11.13 | 13.20 | 13.44 | 12.97 |
| May | 13.27 | 12.11 | 12.74 | W | 11.06 | 14.22 | 10.68 | 14.17 | 11.44 | 13.21 | 11.43 | 11.98 |
| June | W | 12.74 | 13.27 | W | 10.26 | 13.95 | 10.49 | 13.65 | 10.24 | 12.66 | 11.08 | 11.70 |
| July | W | 11.19 | 11.72 | W | 8.93 | 12.11 | 11.33 | 11.83 | 8.45 | 11.34 | 11.45 | 11.14 |
| August | W | 11.71 | 11.45 | 11.18 | 10.87 | 12.29 | 11.27 | 11.56 | 10.66 | 11.86 | 11.63 | 11.54 |
| September | 12.88 | 12.52 | 13.67 | W | 11.95 | 14.11 | 12.08 | 14.15 | 10.86 | 13.18 | 12.53 | 12.60 |
| October | W | 12.47 | 14.18 | W | 11.74 | 14.64 | 12.84 | 14.76 | 10.87 | 13.91 | 13.00 | 13.15 |
| November | 13.19 | 12.51 | 13.96 | - | 12.13 | 14.64 | 14.63 | 14.65 | 11.24 | 14.21 | 14.39 | 13.72 |
| December | W | 12.85 | 14.32 | W | 13.04 | 15.56 | 16.13 | 15.42 | 13.24 | 14.94 | 15.82 | 15.01 |
| **1986 Average** | **14.82** | **13.43** | **14.63** | **12.38** | **12.17** | **15.29** | **12.84** | **14.63** | **11.52** | **14.25** | **13.14** | **13.46** |
| **1987** | | | | | | | | | | | | |
| January | 16.96 | 14.65 | 16.24 | W | 15.92 | 18.02 | 15.87 | 17.47 | 14.45 | 17.18 | 16.08 | 16.02 |
| February | 16.70 | 15.49 | 18.10 | 17.79 | 15.67 | 18.54 | 17.80 | 18.14 | 14.63 | 18.11 | 17.29 | 16.95 |
| March | W | 15.72 | 18.19 | 17.78 | 16.32 | 18.30 | 17.61 | 18.02 | 15.27 | 17.75 | 17.49 | 17.25 |
| April | 18.06 | 16.31 | 18.32 | 17.87 | 16.71 | 18.96 | 17.69 | 18.19 | 16.03 | 18.06 | 17.55 | 17.69 |
| May | 18.51 | 17.11 | 18.38 | 18.00 | 18.02 | 19.29 | 17.66 | 19.04 | 16.24 | 18.36 | 17.82 | 17.82 |
| June | W | 17.73 | 19.04 | 18.37 | 18.07 | 19.54 | 17.80 | 19.43 | 16.85 | 18.65 | 17.96 | 18.28 |
| July | W | 18.61 | 19.10 | 18.69 | 19.08 | 19.95 | 17.69 | 20.38 | 17.09 | 19.13 | 18.02 | 18.53 |
| August | 19.05 | 19.00 | 19.69 | 19.00 | 17.89 | 20.63 | 18.01 | 20.41 | 16.53 | 19.45 | 18.36 | 18.73 |
| September | 18.26 | 17.81 | 19.18 | 18.67 | 16.61 | 19.38 | 17.93 | 18.96 | 16.14 | 18.54 | 18.11 | 18.14 |
| October | W | 17.68 | 18.97 | 18.37 | 16.98 | 19.45 | 15.71 | 19.05 | 16.26 | 18.35 | 16.74 | 17.41 |
| November | 18.18 | 17.38 | 18.77 | W | 15.84 | 19.44 | 15.59 | 18.76 | 15.19 | 18.13 | 17.21 | 17.54 |
| December | W | 16.13 | 17.75 | - | 13.09 | 18.50 | 14.79 | 17.99 | 13.90 | 17.15 | 15.46 | 16.05 |
| **1987 Average** | **17.87** | **17.04** | **18.49** | **18.28** | **16.69** | **19.32** | **16.81** | **18.78** | **15.76** | **18.30** | **17.32** | **17.64** |
| **1988** | | | | | | | | | | | | |
| January | W | 14.58 | 17.99 | W | 13.16 | 17.91 | 13.23 | 17.59 | 13.10 | 16.28 | 14.16 | 14.61 |
| February | W | 14.37 | 17.44 | - | 13.30 | 16.59 | 14.00 | 16.70 | 13.05 | 15.91 | 14.23 | 14.59 |
| March | W | 13.66 | 15.13 | - | 12.22 | 16.47 | 14.07 | 15.72 | 13.50 | 15.13 | 14.29 | 14.74 |
| April | W | 14.39 | 16.30 | - | 13.97 | 16.88 | 14.12 | 16.11 | 14.18 | 15.77 | 14.70 | 15.27 |
| May | W | 15.12 | 16.94 | - | 14.09 | 17.00 | 14.51 | 16.97 | 14.24 | 16.04 | 15.05 | 15.50 |
| June | W | 14.67 | 16.40 | - | 13.21 | 16.59 | 13.91 | 16.29 | 14.32 | 15.20 | 14.31 | 15.00 |
| July | W | 13.31 | 15.11 | - | 12.58 | 15.68 | 13.17 | 15.52 | 13.78 | 14.68 | 13.63 | 14.25 |
| August | W | 13.13 | 14.90 | - | 12.77 | 15.55 | 12.44 | 15.72 | 13.28 | 14.07 | 13.12 | 13.69 |
| September | W | 12.89 | 14.05 | - | 12.09 | 14.49 | 11.78 | 14.38 | 12.96 | 13.21 | 12.05 | 12.92 |
| October | W | 11.73 | 12.60 | - | 10.42 | 14.32 | 11.93 | 13.33 | 13.58 | 12.66 | 11.99 | 12.74 |
| November | W | 11.58 | 12.82 | - | 10.56 | 14.49 | 12.79 | 14.02 | 13.12 | 12.51 | 12.44 | 12.87 |
| December | W | 12.57 | 14.05 | - | 12.81 | 16.31 | 14.62 | 15.12 | 14.34 | 13.97 | 14.44 | 14.67 |
| **1988 Average** | W | **13.50** | **15.15** | W | **12.58** | **15.88** | **13.37** | **15.82** | **13.66** | **14.45** | **13.60** | **14.18** |

[a] Includes Algeria, Libya, Saudi Arabia, United Arab Emirates, Iraq, Kuwait, and Qatar.
[b] Includes Algeria, Ecuador, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela.
Dashes (-) = No data reported.
W = Withheld to avoid disclosure of individual company data.
Note: Prices through 1980 reflect the month of reporting; prices since then reflect the month of loading.
Note: Cargoes that were purchased on a "netback" basis, or under similar contractual arrangements whereby the actual purchase price is not established at the time the crude is acquired for importation into the United States, are not included in the published data until the actual prices have been determined and reported.
Sources: January 1978 through December 1978: Form FEA-F701-M-0, "Transfer Pricing Report"; January 1979 through September 1982: Form ERA-51, "Transfer Pricing Report"; October 1982 through June 1984: Form EP-51, "Monthly Foreign Crude Oil Transaction Report"; July 1984 to present: Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

# Table 23. FOB[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 Average** | **11.98** | **11.74** | **12.51** | **13.06** | **13.62** | **14.00** | **14.01** |
| **1979 Average** | **14.43** | **18.54** | **19.91** | **19.54** | **21.24** | **21.65** | **19.77** |
| **1980 Average** | **23.09** | **28.76** | **30.72** | **30.31** | **34.33** | **35.39** | **36.13** |
| **1981 Average** | **26.70** | **31.20** | **33.61** | **34.38** | **36.85** | **38.42** | **38.59** |
| **1982 Average** | **23.08** | **25.82** | **31.48** | **33.56** | **34.29** | **34.82** | **34.48** |
| **1983 Average** | **21.77** | **24.27** | **27.38** | **29.04** | **29.74** | **30.10** | **30.12** |
| **1984 Average** | **24.10** | **25.31** | **27.22** | **28.55** | **29.18** | **29.40** | **28.02** |
| **1985 Average** | **23.45** | **24.27** | **24.86** | **26.46** | **27.43** | **27.79** | **26.90** |
| **1986** | | | | | | | |
| January | 21.29 | 19.55 | 19.38 | 19.90 | 24.60 | 25.20 | 26.00 |
| February | 13.47 | 13.41 | 13.53 | 14.26 | 18.20 | W | W |
| March | 9.45 | 10.90 | 11.48 | 13.08 | 14.55 | W | 14.77 |
| April | 8.47 | 9.90 | 12.02 | 12.64 | 12.07 | 13.63 | 13.64 |
| May | 9.70 | 10.01 | 10.06 | 11.33 | 12.39 | 12.68 | 11.40 |
| June | 9.36 | 9.34 | 9.89 | 11.35 | 12.62 | 11.26 | 10.37 |
| July | 7.59 | 7.94 | 9.96 | 10.42 | 10.89 | 11.51 | 10.70 |
| August | 9.43 | 9.95 | 10.40 | 10.82 | 11.06 | 10.47 | 11.38 |
| September | 10.13 | 10.54 | 10.73 | 12.64 | 13.03 | 13.28 | 11.75 |
| October | 9.48 | 10.81 | 11.29 | 12.90 | 12.94 | W | 12.38 |
| November | 10.11 | 10.81 | 12.64 | 13.60 | 13.62 | 13.59 | 12.94 |
| December | 11.50 | 12.04 | 14.22 | 14.64 | 14.83 | W | 14.55 |
| **1986 Average** | **10.51** | **10.96** | **12.25** | **12.83** | **13.83** | **14.19** | **13.76** |
| **1987** | | | | | | | |
| January | 12.99 | 14.34 | 14.64 | 15.90 | 16.51 | W | 16.17 |
| February | 14.10 | 14.08 | 15.80 | 16.95 | 17.66 | W | 16.89 |
| March | 15.10 | 14.76 | 16.13 | 16.92 | 17.34 | 17.61 | 17.16 |
| April | 15.43 | 15.52 | 16.45 | 17.40 | 17.82 | 18.36 | 17.15 |
| May | 15.54 | 16.34 | 16.72 | 17.41 | 18.25 | 18.08 | 18.10 |
| June | 15.88 | 16.65 | 16.79 | 17.99 | 18.47 | 18.42 | 18.15 |
| July | 16.61 | 17.19 | 17.24 | 18.13 | 18.90 | 18.26 | 18.68 |
| August | 16.76 | 16.51 | 17.03 | 18.05 | 19.01 | 18.18 | 18.18 |
| September | 16.27 | 15.52 | 16.61 | 17.47 | 18.25 | 17.82 | 18.01 |
| October | 15.54 | 15.73 | 13.83 | 17.50 | 17.94 | 18.29 | 17.93 |
| November | 14.91 | 14.77 | 15.01 | 16.50 | 18.11 | 18.10 | 17.44 |
| December | 13.42 | 12.42 | 13.09 | 15.77 | 16.65 | 17.69 | 15.64 |
| **1987 Average** | **15.21** | **15.37** | **15.76** | **17.24** | **17.99** | **18.03** | **17.37** |
| **1988** | | | | | | | |
| January | 12.00 | 12.05 | 11.62 | 14.82 | 15.48 | 16.93 | 15.59 |
| February | 11.57 | 12.13 | 12.68 | 14.54 | 15.52 | 16.23 | 16.38 |
| March | 11.40 | 11.50 | 12.72 | 14.60 | 14.78 | 15.51 | 15.96 |
| April | 12.35 | 12.83 | 13.23 | 14.84 | 15.33 | 16.20 | 16.22 |
| May | 12.75 | 13.25 | 13.95 | 14.74 | 15.63 | 16.65 | 16.54 |
| June | 12.78 | 12.55 | 13.04 | 14.41 | 14.90 | 15.21 | W |
| July | 12.22 | 11.68 | 12.25 | 13.57 | 14.36 | 14.98 | 15.17 |
| August | 12.49 | 11.59 | 11.59 | 13.10 | 14.02 | 15.23 | 13.73 |
| September | 11.58 | 11.16 | 11.14 | 12.83 | 12.76 | 13.51 | 14.14 |
| October | 10.20 | 10.03 | 11.79 | 12.13 | 12.64 | 12.47 | 13.65 |
| November | 9.42 | 9.91 | 12.42 | 12.77 | 12.91 | 12.82 | W |
| December | 11.62 | 11.04 | 13.39 | 13.99 | 14.55 | 14.09 | 13.90 |
| **1988 Average** | **11.92** | **11.65** | **12.48** | **13.82** | **14.38** | **14.89** | **15.25** |

[a] FOB = Free on Board. See Glossary.
W = Withheld to avoid disclosure of individual company data.
Note: Prices through 1980 reflect the month of reporting; prices since then reflect the month of loading.
Note: Cargoes that were purchased on a "netback" basis, or under similar contractual arrangements whereby the actual purchase price is not established at the time the crude is acquired for importation into the United States, are not included in the published data until the actual prices have been determined and reported.
Sources: January 1978 through December 1978: Form FEA-F701-M-0, "Transfer Pricing Report"; January 1979 through September 1982: Form ERA-51, "Transfer Pricing Report"; October 1982 through June 1984: Form EP-51, "Monthly Foreign Crude Oil Transaction Report"; July 1984 to present: Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

# Table 24. 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 Average** | **12.75** | **13.11** | **13.76** | **14.10** | **14.69** | **14.87** | **15.16** |
| **1979 Average** | **15.57** | **20.05** | **20.88** | **21.01** | **22.61** | **23.06** | **21.23** |
| **1980 Average** | **24.54** | **29.65** | **31.83** | **31.73** | **35.81** | **36.85** | **37.57** |
| **1981 Average** | **27.94** | **32.00** | **34.86** | **35.71** | **38.36** | **39.78** | **39.97** |
| **1982 Average** | **24.17** | **26.46** | **32.62** | **34.76** | **35.43** | **35.78** | **35.81** |
| **1983 Average** | **23.17** | **24.95** | **28.62** | **30.25** | **30.96** | **31.28** | **31.27** |
| **1984 Average** | **25.08** | **25.97** | **28.38** | **29.58** | **30.16** | **30.16** | **29.05** |
| **1985 Average** | **24.33** | **24.65** | **26.17** | **27.10** | **28.29** | **28.39** | **27.73** |
| **1986** | | | | | | | |
| January | 22.11 | 20.20 | 21.69 | 19.76 | 26.39 | 26.48 | 26.89 |
| February | 14.40 | 14.21 | 15.03 | 15.12 | 19.37 | 18.05 | 16.77 |
| March | 10.13 | 11.30 | 12.59 | 14.02 | 15.71 | 15.05 | 15.45 |
| April | 9.56 | 10.39 | 12.84 | 13.52 | 13.20 | 14.13 | 13.89 |
| May | 10.62 | 10.68 | 11.50 | 12.76 | 13.36 | 13.81 | 12.44 |
| June | 10.60 | 9.91 | 11.42 | 12.39 | 13.51 | 12.95 | 12.79 |
| July | 8.92 | 8.62 | 10.99 | 11.32 | 12.12 | 12.27 | 12.24 |
| August | 10.22 | 10.44 | 10.98 | 11.89 | 11.98 | 11.77 | 13.26 |
| September | 10.92 | 11.06 | 12.05 | 13.25 | 13.94 | 14.02 | 13.06 |
| October | 10.38 | 11.22 | 12.75 | 13.71 | 14.20 | 15.04 | 14.18 |
| November | 10.93 | 11.19 | 13.71 | 14.20 | 14.63 | 14.70 | 13.80 |
| December | 12.41 | 12.35 | 14.95 | 15.19 | 15.41 | 15.33 | 15.14 |
| **1986 Average** | **11.30** | **11.49** | **13.28** | **13.59** | **14.99** | **14.80** | **15.37** |
| **1987** | | | | | | | |
| January | 13.86 | 14.66 | 16.12 | 16.68 | 17.05 | 17.22 | 16.96 |
| February | 15.06 | 14.48 | 17.08 | 17.86 | 17.85 | 17.91 | 17.82 |
| March | 15.87 | 15.03 | 16.95 | 17.60 | 18.04 | 18.34 | 17.99 |
| April | 16.28 | 15.92 | 17.40 | 18.07 | 18.34 | 19.09 | 18.38 |
| May | 16.26 | 16.80 | 17.65 | 18.23 | 18.84 | 18.81 | 18.87 |
| June | 16.80 | 17.11 | 18.01 | 18.69 | 19.15 | 19.14 | 19.20 |
| July | 17.34 | 17.75 | 18.48 | 19.00 | 19.84 | 19.38 | 19.98 |
| August | 17.67 | 17.12 | 18.51 | 19.13 | 20.12 | 20.22 | 19.39 |
| September | 17.26 | 16.03 | 17.82 | 18.43 | 19.11 | 19.27 | 19.13 |
| October | 16.37 | 16.26 | 16.23 | 18.32 | 18.85 | 19.05 | 18.98 |
| November | 15.92 | 15.38 | 16.89 | 17.72 | 18.94 | 19.29 | 18.68 |
| December | 14.18 | 13.21 | 15.08 | 16.93 | 17.65 | 18.39 | 17.62 |
| **1987 Average** | **16.14** | **15.87** | **17.21** | **18.16** | **18.72** | **18.89** | **18.57** |
| **1988** | | | | | | | |
| January | 12.84 | 12.62 | 13.91 | 15.66 | 16.83 | 17.45 | 17.13 |
| February | 12.47 | 12.61 | 14.06 | 14.98 | 16.42 | 17.30 | 17.32 |
| March | 12.30 | 11.92 | 14.09 | 15.16 | 15.74 | 16.41 | 17.11 |
| April | 13.06 | 13.19 | 14.57 | 15.48 | 16.18 | 16.37 | 17.38 |
| May | 13.58 | 13.75 | 15.21 | 15.64 | 16.60 | 17.44 | 17.48 |
| June | 13.44 | 13.05 | 14.21 | 15.12 | 15.82 | 16.45 | 17.76 |
| July | 12.97 | 12.10 | 13.47 | 14.43 | 15.17 | 15.86 | 15.81 |
| August | 13.26 | 12.05 | 12.92 | 13.91 | 14.82 | 15.90 | 15.03 |
| September | 12.42 | 11.60 | 12.24 | 13.32 | 13.73 | 14.36 | 15.07 |
| October | 11.05 | 10.41 | 12.22 | 12.75 | 13.24 | 13.55 | 14.67 |
| November | 10.78 | 10.27 | 12.41 | 12.84 | 13.28 | 14.11 | 13.76 |
| December | 12.51 | 11.68 | 13.83 | 14.70 | 14.89 | 15.38 | 15.13 |
| **1988 Average** | **12.75** | **12.11** | **13.54** | **14.35** | **15.21** | **15.74** | **16.24** |

Note: Prices through 1980 reflect the month of reporting; prices since then reflect the month of loading.

Note: Cargoes that were purchased on a "netback" basis, or under similar contractual arrangements whereby the actual purchase price is not established at the time the crude is acquired for importation into the United States, are not included in the published data until the actual prices have been determined and reported.

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

# Table 25. 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 Average** | **1.26** | **3.57** | **7.93** | **38.79** | **31.66** | **13.48** | **3.31** |
| **1979 Average** | **1.65** | **3.96** | **8.45** | **38.98** | **30.64** | **13.36** | **2.96** |
| **1980 Average** | **1.70** | **6.18** | **9.25** | **38.43** | **27.02** | **13.56** | **3.85** |
| **1981 Average** | **2.19** | **8.88** | **9.46** | **37.37** | **26.60** | **12.53** | **2.98** |
| **1982 Average** | **3.39** | **14.90** | **11.72** | **35.58** | **23.76** | **8.44** | **2.20** |
| **1983 Average** | **3.91** | **20.40** | **15.14** | **24.95** | **23.63** | **7.74** | **4.23** |
| **1984 Average** | **6.48** | **20.52** | **11.59** | **21.05** | **25.75** | **8.12** | **6.48** |
| **1985 Average** | **7.62** | **20.46** | **11.19** | **27.14** | **24.93** | **4.02** | **4.65** |
| **1986** | | | | | | | |
| January | 5.09 | 18.33 | 15.60 | 22.07 | 28.83 | 3.22 | 6.87 |
| February | 3.46 | 16.72 | 14.09 | 31.37 | 27.57 | 1.50 | 5.29 |
| March | 6.48 | 21.61 | 9.66 | 29.26 | 22.12 | 4.10 | 6.76 |
| April | 6.32 | 20.78 | 16.66 | 23.08 | 26.51 | 2.57 | 4.09 |
| May | 6.29 | 18.95 | 13.46 | 31.43 | 21.22 | 4.37 | 4.28 |
| June | 6.30 | 20.85 | 12.44 | 34.04 | 21.22 | 2.38 | 2.77 |
| July | 6.88 | 19.74 | 13.27 | 25.30 | 27.70 | 3.74 | 3.38 |
| August | 5.35 | 16.87 | 11.00 | 31.95 | 29.29 | 2.97 | 2.57 |
| September | 5.80 | 20.47 | 14.95 | 22.06 | 26.31 | 5.32 | 5.10 |
| October | 4.49 | 20.17 | 15.44 | 26.51 | 25.24 | 3.43 | 4.73 |
| November | 4.46 | 17.76 | 19.16 | 23.83 | 25.89 | 5.55 | 3.35 |
| December | 5.05 | 20.35 | 14.09 | 27.18 | 27.29 | 3.80 | 2.24 |
| **1986 Average** | **5.54** | **19.36** | **14.12** | **27.49** | **25.74** | **3.65** | **4.11** |
| **1987** | | | | | | | |
| January | 4.66 | 21.27 | 15.51 | 25.29 | 25.61 | 3.18 | 4.48 |
| February | 5.04 | 22.46 | 12.45 | 25.62 | 26.05 | 1.56 | 6.82 |
| March | 3.83 | 22.36 | 13.72 | 23.12 | 26.66 | 7.34 | 2.97 |
| April | 3.94 | 23.05 | 15.00 | 22.92 | 27.87 | 4.03 | 3.19 |
| May | 6.14 | 21.60 | 15.78 | 23.54 | 27.27 | 3.04 | 2.63 |
| June | 3.61 | 19.03 | 16.85 | 31.10 | 22.21 | 4.69 | 2.51 |
| July | 4.29 | 15.73 | 17.89 | 34.30 | 21.48 | 2.74 | 3.58 |
| August | 4.63 | 18.15 | 16.34 | 29.55 | 24.60 | 2.88 | 3.86 |
| September | 3.29 | 19.74 | 19.37 | 22.92 | 26.54 | 4.19 | 3.95 |
| October | 2.88 | 18.18 | 18.75 | 29.09 | 25.48 | 2.14 | 3.47 |
| November | 2.77 | 19.21 | 18.15 | 23.65 | 25.55 | 5.65 | 5.02 |
| December | 3.79 | 18.14 | 20.17 | 28.43 | 19.63 | 5.32 | 4.51 |
| **1987 Average** | **4.04** | **19.68** | **16.88** | **26.91** | **24.79** | **3.87** | **3.85** |
| **1988** | | | | | | | |
| January | 3.12 | 22.94 | 18.06 | 27.83 | 20.77 | 3.86 | 3.41 |
| February | 3.90 | 18.33 | 19.70 | 31.52 | 18.19 | 4.47 | 3.88 |
| March | 4.47 | 18.01 | 20.24 | 24.38 | 28.20 | 2.76 | 1.93 |
| April | 4.79 | 15.63 | 16.64 | 24.29 | 32.52 | 3.20 | 2.92 |
| May | 5.46 | 20.17 | 12.13 | 26.20 | 26.55 | 3.68 | 5.82 |
| June | 4.18 | 19.29 | 11.85 | 27.53 | 30.55 | 4.69 | 1.90 |
| July | 3.82 | 18.61 | 15.54 | 31.92 | 21.97 | 4.51 | 3.63 |
| August | 3.91 | 20.54 | 16.53 | 30.94 | 21.33 | 3.28 | 3.47 |
| September | 2.92 | 14.93 | 18.52 | 31.47 | 24.72 | 4.77 | 2.67 |
| October | 2.03 | 18.25 | 13.68 | 33.92 | 25.88 | 3.90 | 2.34 |
| November | 1.67 | 16.31 | 16.35 | 38.72 | 19.95 | 4.81 | 2.20 |
| December | 2.35 | 17.10 | 13.69 | 38.13 | 22.03 | 4.36 | 2.33 |
| **1988 Average** | **3.52** | **18.27** | **15.99** | **30.72** | **24.45** | **4.04** | **3.02** |

Note: Values through 1980 reflect the month of reporting; values since then reflect the month of loading.

Note: Cargoes that were purchased on a "netback" basis, or under similar contractual arrangements whereby the actual purchase price is not established at the time the crude is acquired for importation into the United States, are not included in the published data until the actual prices have been determined and reported.

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

## Table 26. FOB[a] Costs of Imported Crude Oil for Selected Crude Streams
(Dollars per Barrel)

| Year Quarter Month | Algerian Condensate | Angolan Cabinda | Canadian Lloydminster | Cameroon Kole Marine | Ecuadorian Oriente | Mexican Isthmus | Mexican Mayan |
|---|---|---|---|---|---|---|---|
| **1978 Average** | W | **13.32** | - | W | **12.87** | **13.24** | - |
| **1979 Average** | W | **20.35** | - | W | **27.59** | **20.29** | **21.50** |
| **1980 Average** | **35.81** | **33.24** | W | **35.92** | **34.51** | **32.78** | **28.73** |
| **1981 Average** | **38.38** | **35.55** | W | **37.51** | **32.66** | **36.23** | **30.82** |
| **1982 Average** | **32.58** | **31.86** | W | **33.73** | **32.36** | **32.50** | **25.29** |
| **1983 Average** | **29.86** | **28.14** | **24.54** | **29.03** | **28.22** | **29.41** | **23.99** |
| **1984 Average** | **27.77** | **27.58** | **24.70** | **28.56** | **28.16** | **29.00** | **25.35** |
| **1985 Average** | **26.57** | **26.30** | **23.79** | **26.86** | **26.12** | **27.25** | **24.23** |
| **1986** | | | | | | | |
| January | W | W | 21.44 | W | W | 21.70 | 19.27 |
| February | W | W | 14.56 | - | W | 14.66 | 13.89 |
| March | W | W | 10.97 | - | W | 12.41 | 10.75 |
| **1st Quarter Average** | **15.05** | W | **15.91** | W | **16.09** | **15.61** | **15.59** |
| April | W | W | W | - | W | 12.17 | 9.39 |
| May | 12.88 | W | W | - | W | 13.96 | 9.38 |
| June | W | W | 11.18 | - | W | 12.30 | 9.08 |
| **2nd Quarter Average** | **13.04** | W | **10.67** | - | W | **12.78** | **9.26** |
| July | W | W | W | W | W | 10.79 | 7.83 |
| August | W | W | 10.72 | W | W | 13.67 | 9.64 |
| September | W | W | 10.97 | - | W | 13.93 | 10.70 |
| **3rd Quarter Average** | W | W | **10.44** | **9.89** | W | **12.66** | **9.30** |
| October | W | W | 10.48 | W | W | 13.60 | 10.92 |
| November | W | W | 10.26 | W | W | 13.69 | 10.95 |
| December | W | W | 10.67 | W | W | 14.71 | 11.61 |
| **4th Quarter Average** | W | **13.23** | **10.46** | **14.54** | W | **14.12** | **11.14** |
| **1986 Average** | **13.25** | **13.39** | **12.77** | **13.64** | **13.32** | **13.88** | **10.93** |
| **1987** | | | | | | | |
| January | 16.30 | W | 12.56 | - | W | 17.47 | 14.80 |
| February | 15.42 | W | 13.67 | W | W | 17.17 | 14.51 |
| March | W | W | W | W | - | 17.61 | 15.06 |
| **1st Quarter Average** | **16.10** | **16.41** | W | W | W | **17.44** | **14.79** |
| April | W | W | W | W | - | 17.95 | 15.88 |
| May | W | 17.19 | 15.23 | W | - | 18.80 | 17.25 |
| June | W | 17.91 | 16.01 | - | - | 19.18 | 17.36 |
| **2nd Quarter Average** | **17.41** | **17.40** | **15.50** | W | - | **18.60** | **16.78** |
| July | W | W | 17.13 | - | - | 20.23 | 18.01 |
| August | W | W | 17.30 | W | W | 19.19 | 17.10 |
| September | W | W | 16.21 | W | W | 18.08 | 15.64 |
| **3rd Quarter Average** | W | **18.10** | **16.75** | W | W | **19.18** | **16.81** |
| October | W | W | 15.63 | W | W | 18.36 | 15.88 |
| November | W | W | 15.59 | - | W | 17.25 | 14.85 |
| December | W | W | 14.57 | W | W | 15.00 | 11.39 |
| **4th Quarter Average** | W | **17.13** | **15.28** | W | W | **16.81** | **14.23** |
| **1987 Average** | **16.66** | **17.31** | **15.12** | W | **16.53** | **17.94** | **15.72** |
| **1988** | | | | | | | |
| January | W | W | 12.29 | W | W | 14.85 | 11.83 |
| February | W | W | 12.15 | W | W | 14.85 | 11.99 |
| March | W | 13.39 | 11.33 | - | - | 14.31 | 10.65 |
| **1st Quarter Average** | W | **14.14** | **11.92** | W | W | **14.69** | **11.50** |
| April | W | W | 12.17 | W | W | 15.83 | 12.72 |
| May | W | W | 13.13 | - | W | 15.81 | 13.08 |
| June | W | W | 12.72 | - | W | W | 12.10 |
| **2nd Quarter Average** | W | **15.80** | **12.66** | W | W | **15.64** | **12.63** |
| July | W | W | 11.27 | W | W | 13.81 | 11.25 |
| August | W | - | 11.23 | W | W | 13.67 | 11.62 |
| September | W | - | W | W | W | 12.94 | 10.92 |
| **3rd Quarter Average** | W | W | **11.16** | W | W | **13.47** | **11.30** |
| October | W | - | W | W | 11.60 | 11.75 | 8.83 |
| November | W | - | W | - | W | 11.54 | 9.14 |
| December | W | W | W | - | W | 13.89 | 10.48 |
| **4th Quarter Average** | W | W | W | W | **11.54** | **12.40** | **9.43** |
| **1988 Average** | W | **14.52** | **11.28** | **14.28** | **12.96** | **14.23** | **11.26** |

See footnotes at end of table.

## Table 26. FOB[a] Costs of Imported Crude Oil for Selected Crude Streams (Continued)
(Dollars per Barrel)

| Year Quarter Month | Nigerian Brass River | Nigerian Bonny Light | Norwegian Ekofisk | Saudi Arabian Light | Saudi Arabian Heavy | United Kingdom Brent | Venezuelan Boscan |
|---|---|---|---|---|---|---|---|
| **1978 Average** | **14.17** | **14.11** | **13.91** | **12.74** | **12.07** | - | W |
| **1979 Average** | **21.89** | **25.68** | **21.36** | **17.33** | **15.83** | **21.92** | W |
| **1980 Average** | **35.57** | **37.71** | **35.86** | **27.79** | **26.14** | **33.13** | **18.56** |
| **1981 Average** | **38.64** | **38.19** | **37.72** | **32.62** | **31.42** | **36.22** | W |
| **1982 Average** | **35.18** | **35.58** | **34.04** | **34.08** | **31.10** | **33.55** | **19.00** |
| **1983 Average** | **30.31** | **30.07** | **29.73** | **29.22** | **26.30** | **30.30** | **19.31** |
| **1984 Average** | **29.82** | **29.67** | **29.17** | **29.11** | **26.52** | **29.25** | **22.24** |
| **1985 Average** | **28.23** | W | W | **23.70** | W | **27.88** | **21.94** |
| **1986** | | | | | | | |
| January | W | W | W | W | W | W | - |
| February | W | W | - | W | W | W | W |
| March | W | W | - | W | W | W | W |
| **1st Quarter Average** | **17.58** | W | W | W | W | **20.06** | W |
| April | W | 15.04 | - | W | W | W | W |
| May | W | 14.47 | W | W | W | 13.75 | 10.03 |
| June | W | W | - | W | W | 13.33 | 9.37 |
| **2nd Quarter Average** | W | **13.75** | W | **10.33** | W | **13.43** | **9.73** |
| July | W | 11.41 | - | W | W | 11.27 | W |
| August | 11.11 | 12.69 | W | 9.94 | W | 10.99 | 8.89 |
| September | W | 13.15 | - | W | W | 13.99 | W |
| **3rd Quarter Average** | **12.12** | **12.64** | W | **10.25** | W | **12.01** | **8.67** |
| October | - | 13.67 | W | W | W | W | 9.34 |
| November | 13.45 | 14.16 | W | W | W | W | W |
| December | W | W | - | W | 14.67 | W | W |
| **4th Quarter Average** | **13.48** | **14.18** | W | W | **13.07** | **14.59** | **9.48** |
| **1986 Average** | **14.07** | **14.02** | **16.23** | **11.79** | **11.00** | **14.07** | **9.44** |
| **1987** | | | | | | | |
| January | W | W | W | W | 14.12 | W | - |
| February | - | W | W | - | W | W | - |
| March | W | 18.00 | W | - | W | - | W |
| **1st Quarter Average** | **17.56** | **17.63** | W | W | **15.29** | W | W |
| April | 18.65 | W | W | - | W | 17.51 | 15.11 |
| May | - | 18.75 | W | - | 16.50 | W | 15.11 |
| June | W | 18.76 | W | - | W | W | W |
| **2nd Quarter Average** | **18.73** | **18.65** | **18.52** | - | **16.35** | **18.23** | **15.27** |
| July | W | 19.29 | - | - | 16.27 | 19.32 | 15.99 |
| August | W | 19.33 | - | W | 16.31 | 19.79 | 17.00 |
| September | W | W | W | - | W | W | 16.26 |
| **3rd Quarter Average** | W | **19.04** | W | W | **16.29** | **19.16** | **16.41** |
| October | W | 18.70 | 18.38 | W | 12.34 | W | W |
| November | W | 18.44 | W | - | 12.76 | 17.91 | W |
| December | W | 17.20 | 17.74 | W | 11.72 | W | W |
| **4th Quarter Average** | **18.25** | **18.19** | **18.18** | W | **12.18** | **17.84** | W |
| **1987 Average** | **18.32** | **18.45** | **18.25** | **14.46** | **14.85** | **18.37** | **15.75** |
| **1988** | | | | | | | |
| January | W | 16.70 | W | W | 11.00 | - | - |
| February | W | 15.70 | W | W | 12.31 | W | W |
| March | W | 16.02 | W | W | 12.42 | - | W |
| **1st Quarter Average** | **16.44** | **16.04** | **15.93** | **13.06** | **11.96** | W | W |
| April | W | 16.11 | W | W | W | W | 12.15 |
| May | 16.82 | 16.29 | - | W | W | W | W |
| June | W | 15.90 | W | W | W | - | W |
| **2nd Quarter Average** | **16.50** | **16.10** | **15.75** | W | W | W | **12.88** |
| July | W | 16.12 | 15.02 | - | W | - | 12.89 |
| August | W | 14.64 | 14.91 | W | W | - | 12.89 |
| September | W | 14.16 | W | W | W | W | W |
| **3rd Quarter Average** | **14.33** | **14.94** | **14.88** | W | W | W | **12.68** |
| October | W | 13.18 | 12.53 | - | W | W | W |
| November | W | 14.27 | W | - | W | W | W |
| December | W | 15.22 | W | - | W | W | W |
| **4th Quarter Average** | W | **14.34** | **12.56** | - | W | **13.18** | W |
| **1988 Average** | **15.39** | **15.33** | **14.58** | **12.98** | **11.68** | **14.40** | **12.29** |

[a] FOB = Free on Board. See Glossary.
Dashes (-) = No data reported.
W = Withheld to avoid disclosure of individual company data.
Note: Prices through 1980 reflect the month of reporting; prices since then reflect the month of loading.
Note: Cargoes that were purchased on a "netback" basis, or under similar contractual arrangements whereby the actual purchase price is not established at the time the crude is acquired for importation into the United States, are not included in the published data until the actual prices have been determined and reported.
Sources: January 1978 through December 1978: Form FEA-F701-M-0, "Transfer Pricing Report"; January 1979 through September 1982: Form

# Table 27. Landed Costs of Imported Crude Oil for Selected Crude Streams
(Dollars per Barrel)

| Year Quarter Month | Algerian Condensate | Angolan Cabinda | Canadian Lloydminster | Cameroon Kole Marine | Ecuadorian Oriente | Mexican Isthmus | Mexican Mayan |
|---|---|---|---|---|---|---|---|
| **1978 Average** | W | **14.07** | - | W | **13.85** | **13.54** | - |
| **1979 Average** | W | **21.51** | - | **25.40** | **29.17** | **20.78** | **22.23** |
| **1980 Average** | **37.73** | **34.68** | W | **37.89** | **34.61** | **33.42** | **29.49** |
| **1981 Average** | **40.03** | **36.84** | W | **38.95** | **33.56** | **36.87** | **31.52** |
| **1982 Average** | **33.71** | **33.08** | W | **34.95** | **32.97** | **33.11** | **25.86** |
| **1983 Average** | **30.79** | **29.31** | **25.27** | **30.28** | **28.90** | **30.00** | **24.56** |
| **1984 Average** | **28.59** | **28.63** | **25.35** | **29.51** | **28.79** | **29.46** | **25.84** |
| **1985 Average** | **27.21** | **27.48** | **24.38** | **27.94** | **26.97** | **27.60** | **24.57** |
| **1986** | | | | | | | |
| January | W | W | 22.38 | W | 24.69 | 22.14 | 19.62 |
| February | W | 17.86 | 15.34 | W | 15.84 | 14.98 | 14.27 |
| March | W | 13.72 | 11.70 | - | W | 12.77 | 11.06 |
| **1st Quarter Average** | **17.04** | **17.67** | **16.85** | W | **19.60** | **15.98** | **15.94** |
| April | W | W | W | - | 12.44 | 12.60 | 9.69 |
| May | 13.71 | W | 11.78 | W | 13.42 | 14.43 | 9.71 |
| June | W | W | 11.97 | W | 11.95 | 12.76 | 9.39 |
| **2nd Quarter Average** | **13.86** | **13.84** | **11.42** | **13.38** | **12.59** | **13.23** | **9.58** |
| July | W | W | 10.00 | 10.37 | 10.38 | 11.20 | 8.14 |
| August | W | 11.40 | 11.35 | W | 11.05 | 14.01 | 9.96 |
| September | 12.88 | W | 11.83 | 12.72 | 12.71 | 14.35 | 11.05 |
| **3rd Quarter Average** | **12.45** | **11.46** | **11.21** | **11.88** | **11.51** | **13.06** | **9.61** |
| October | W | 13.90 | 11.35 | 14.00 | 13.19 | 13.96 | 11.26 |
| November | 13.19 | W | 11.16 | W | 13.58 | 14.12 | 11.27 |
| December | W | W | 11.55 | W | 14.67 | 15.07 | 11.91 |
| **4th Quarter Average** | **13.68** | **14.09** | **11.35** | **15.04** | **13.80** | **14.50** | **11.46** |
| **1986 Average** | **14.54** | **14.27** | **13.52** | **13.71** | **14.39** | **14.28** | **11.24** |
| **1987** | | | | | | | |
| January | 16.96 | W | 13.38 | W | 17.18 | 17.86 | 15.17 |
| February | 16.14 | W | 14.51 | W | 17.74 | 17.56 | 14.81 |
| March | W | 17.16 | W | W | W | 18.01 | 15.31 |
| **1st Quarter Average** | **16.82** | **17.36** | W | W | **17.38** | **17.83** | **15.10** |
| April | W | W | W | W | - | 18.38 | 16.15 |
| May | 18.51 | 18.03 | 16.09 | W | - | 19.22 | 17.55 |
| June | W | 18.72 | 16.85 | W | - | 19.53 | 17.63 |
| **2nd Quarter Average** | **18.32** | **18.32** | **16.34** | **18.76** | - | **19.00** | **17.06** |
| July | W | 19.43 | 17.89 | W | - | 20.59 | 18.33 |
| August | 18.84 | 20.13 | 18.08 | 20.53 | W | 19.55 | 17.45 |
| September | 18.26 | 18.46 | 17.07 | W | 18.34 | 18.44 | 15.96 |
| **3rd Quarter Average** | **18.90** | **19.41** | **17.57** | **19.62** | **18.48** | **19.54** | **17.15** |
| October | W | W | 16.52 | 18.65 | 18.33 | 18.73 | 16.21 |
| November | W | 18.65 | 16.49 | W | W | 17.59 | 15.17 |
| December | W | W | 15.46 | W | W | 15.45 | 11.70 |
| **4th Quarter Average** | W | **18.05** | **16.17** | **18.55** | **17.51** | **17.20** | **14.55** |
| **1987 Average** | **17.72** | **18.43** | **15.98** | **18.63** | **17.60** | **18.32** | **16.03** |
| **1988** | | | | | | | |
| January | W | W | 13.16 | W | 15.63 | 15.27 | 12.18 |
| February | W | W | 13.40 | W | W | 15.28 | 12.36 |
| March | W | 14.59 | 12.22 | - | 14.56 | 14.75 | 11.04 |
| **1st Quarter Average** | W | **15.28** | **12.90** | **16.98** | **15.16** | **15.12** | **11.87** |
| April | W | W | 13.08 | W | W | 16.16 | 13.04 |
| May | W | W | 14.02 | W | W | 16.29 | 13.47 |
| June | W | W | 13.59 | W | 14.74 | W | 12.49 |
| **2nd Quarter Average** | W | **16.83** | **13.55** | **15.08** | **15.73** | **16.05** | **13.01** |
| July | W | 14.88 | 12.14 | W | 14.34 | 14.30 | 11.65 |
| August | W | W | 12.00 | 15.05 | W | 14.15 | 12.02 |
| September | W | - | W | W | 13.10 | 13.43 | 11.30 |
| **3rd Quarter Average** | W | **14.81** | **12.00** | **14.79** | **13.87** | **13.96** | **11.70** |
| October | W | - | W | W | 12.35 | 12.37 | 9.25 |
| November | W | W | W | W | 11.55 | 12.02 | 9.52 |
| December | W | W | W | - | 12.92 | 14.43 | 10.99 |
| **4th Quarter Average** | W | W | W | W | **12.19** | **12.92** | **9.88** |
| **1988 Average** | W | **14.96** | **12.21** | **15.21** | **13.77** | **14.69** | **11.65** |

See footnotes at end of table.

## Table 27. Landed Costs of Imported Crude Oil for Selected Crude Streams (Continued)
(Dollars per Barrel)

| Year Quarter Month | Nigerian Brass River | Nigerian Bonny Light | Norwegian Ekofisk | Saudi Arabian Light | Saudi Arabian Heavy | United Kingdom Brent | Venezuelan Boscan |
|---|---|---|---|---|---|---|---|
| **1978 Average** | **14.97** | **15.04** | **14.68** | **14.04** | **13.32** | **-** | W |
| **1979 Average** | **23.19** | **27.11** | **22.64** | **19.18** | **17.68** | **23.26** | W |
| **1980 Average** | **37.02** | **38.58** | **36.91** | **29.57** | **28.16** | **34.57** | **20.34** |
| **1981 Average** | **40.01** | **39.25** | **38.70** | **34.32** | **33.02** | **37.58** | W |
| **1982 Average** | **36.26** | **36.45** | **34.70** | **35.65** | **32.64** | **34.53** | **20.32** |
| **1983 Average** | **31.44** | **31.06** | **30.79** | **30.95** | **28.12** | **31.26** | **20.69** |
| **1984 Average** | **30.71** | **30.46** | **29.99** | **30.61** | **28.10** | **29.89** | **23.20** |
| **1985 Average** | **29.14** | **28.98** | **28.16** | **25.35** | **23.69** | **28.49** | **22.85** |
| **1986** | | | | | | | |
| January | W | 28.98 | W | 14.84 | W | 25.37 | - |
| February | W | W | - | 14.54 | 12.77 | 19.37 | W |
| March | 15.59 | W | W | 14.40 | 12.67 | W | W |
| **1st Quarter Average** | **17.68** | **23.26** | **21.93** | **14.65** | **12.99** | **20.43** | W |
| April | W | 15.78 | - | 13.71 | W | W | W |
| May | W | 14.70 | W | 12.59 | 9.09 | 14.74 | 11.07 |
| June | W | 13.78 | W | 11.29 | W | 13.92 | 10.41 |
| **2nd Quarter Average** | **14.10** | **14.65** | W | **12.26** | **10.21** | **14.19** | **10.76** |
| July | W | 12.67 | W | 10.76 | 10.89 | 12.29 | W |
| August | 12.27 | 12.94 | 11.90 | 12.06 | 10.54 | 11.98 | 9.82 |
| September | 14.28 | 14.12 | W | 12.36 | 11.20 | 14.31 | W |
| **3rd Quarter Average** | **13.38** | **13.23** | **12.68** | **11.75** | **10.85** | **12.72** | **9.66** |
| October | W | 14.45 | W | 12.90 | 12.00 | 15.07 | 10.29 |
| November | 14.52 | 14.73 | 14.60 | 14.01 | 13.97 | 14.57 | W |
| December | W | 15.18 | - | 15.81 | 15.59 | 15.34 | W |
| **4th Quarter Average** | **14.70** | **14.76** | **14.52** | **14.37** | **14.01** | **15.01** | **10.38** |
| **1986 Average** | **14.89** | **15.00** | **15.07** | **13.06** | **12.17** | **14.64** | **10.42** |
| **1987** | | | | | | | |
| January | W | 17.53 | W | 16.44 | 15.29 | 17.33 | - |
| February | - | 17.60 | W | 18.23 | W | 18.10 | - |
| March | W | 18.69 | 18.53 | - | 17.33 | 18.04 | W |
| **1st Quarter Average** | **18.35** | **18.00** | **18.59** | **17.05** | **16.38** | **17.74** | W |
| April | 19.36 | 18.99 | W | W | 17.20 | 18.04 | 16.11 |
| May | W | 19.40 | 19.06 | W | 17.35 | 19.19 | 15.93 |
| June | 19.68 | 19.53 | W | W | 17.35 | 19.61 | W |
| **2nd Quarter Average** | **19.50** | **19.31** | **19.07** | **18.23** | **17.30** | **18.69** | **16.19** |
| July | 20.12 | 20.30 | W | W | 17.37 | 20.46 | 16.87 |
| August | W | 20.59 | - | 18.51 | 17.51 | 20.66 | 17.91 |
| September | W | W | W | W | 17.46 | 18.63 | 17.14 |
| **3rd Quarter Average** | **20.00** | **20.19** | **19.23** | **18.49** | **17.45** | **19.98** | **17.30** |
| October | W | 19.40 | 19.32 | 18.30 | 14.21 | 18.94 | W |
| November | 19.67 | 19.29 | W | W | 14.87 | 18.84 | W |
| December | 18.82 | 18.00 | 18.58 | 16.98 | 13.45 | W | W |
| **4th Quarter Average** | **19.27** | **18.97** | **19.08** | **17.79** | **14.07** | **18.78** | W |
| **1987 Average** | **19.39** | **19.26** | **18.96** | **17.88** | **16.20** | **18.71** | **16.65** |
| **1988** | | | | | | | |
| January | W | 17.50 | W | 14.24 | 12.74 | W | - |
| February | W | 16.33 | W | 14.21 | 13.60 | 16.85 | W |
| March | W | 16.79 | W | 14.08 | 13.63 | 15.81 | W |
| **1st Quarter Average** | **17.41** | **16.78** | **16.93** | **14.19** | **13.33** | **16.58** | W |
| April | W | 16.93 | W | 14.91 | 13.46 | 16.04 | 13.14 |
| May | 17.22 | 17.35 | - | 15.22 | 14.19 | 17.15 | W |
| June | W | 16.98 | W | 14.23 | 13.30 | W | W |
| **2nd Quarter Average** | **16.92** | **17.06** | **16.69** | **14.78** | **13.51** | **16.47** | **13.83** |
| July | 16.05 | 16.32 | 15.90 | 14.11 | 12.76 | W | 13.74 |
| August | 16.25 | 15.49 | 15.72 | 14.41 | 11.90 | - | 13.75 |
| September | W | 14.93 | W | 12.94 | 10.94 | 14.78 | W |
| **3rd Quarter Average** | **15.46** | **15.56** | **15.73** | **13.73** | **11.82** | **15.27** | **13.55** |
| October | 13.79 | 14.23 | 13.43 | 12.33 | 11.48 | 13.26 | W |
| November | W | 14.85 | 13.56 | 12.49 | 12.62 | 14.15 | W |
| December | 15.75 | 16.26 | W | 14.99 | 14.04 | 15.11 | W |
| **4th Quarter Average** | **14.89** | **15.06** | **13.50** | **13.65** | **12.61** | **13.97** | W |
| **1988 Average** | **16.06** | **16.02** | **15.45** | **14.04** | **12.80** | **15.84** | **13.23** |

Dashes (-) = No data reported.
W = Withheld to avoid disclosure of individual company data.
Note: Prices through 1980 reflect the month of reporting; prices since then reflect the month of loading.
Note: Cargoes that were purchased on a "netback" basis, or under similar contractual arrangements whereby the actual purchase price is not established at the time the crude is acquired for importation into the United States, are not included in the published data until the actual prices have been determined and reported.
Sources: January 1978 through December 1978: Form FEA-F701-M-0, "Transfer Pricing Report"; January 1979 through September 1982: Form ERA-51, "Transfer Pricing Report"; October 1982 through June 1984: Form EP-51, "Monthly Foreign Crude Oil Transaction Report"; July 1984 to

# Sales Prices of Petroleum Products

# Table 28. Refiner/Reseller Motor Gasoline Prices by Grade
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Leaded Regular | | | Unleaded Regular | | | Premium | | | Motor Gasoline Average | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **U.S. Average** | | | | | | | | | | | | |
| January | 61.8 | 59.9 | 51.3 | 64.2 | 57.3 | 51.3 | 77.2 | 68.4 | 62.9 | 66.5 | 59.8 | 53.8 |
| February | 60.3 | 60.0 | 51.7 | 62.6 | 57.7 | 51.7 | 75.7 | 68.3 | 63.0 | 64.9 | 60.1 | 54.2 |
| March | 59.9 | 61.3 | 52.3 | 61.9 | 58.4 | 52.0 | 74.9 | 68.4 | 63.0 | 64.3 | 60.9 | 54.5 |
| April | 63.3 | 65.0 | 57.1 | 65.2 | 61.8 | 56.1 | 77.8 | 72.4 | 67.2 | 67.5 | 64.5 | 58.7 |
| May | 65.1 | 66.0 | 58.1 | 67.1 | 63.2 | 57.5 | 79.8 | 72.9 | 68.7 | 69.4 | 65.7 | 60.1 |
| June | 64.9 | 66.3 | 57.7 | 66.7 | 63.1 | 56.8 | 79.6 | 73.9 | 68.8 | 69.2 | 65.8 | 59.7 |
| July | 67.0 | 69.1 | 61.3 | 68.8 | 65.5 | 59.6 | 81.8 | 76.5 | 72.0 | 71.3 | 68.4 | 62.7 |
| August | 68.0 | 68.8 | 60.1 | 70.1 | 65.0 | 58.4 | 83.1 | 75.1 | 70.9 | 72.5 | 67.8 | 61.5 |
| September | 66.7 | 66.5 | 56.3 | 68.3 | 62.0 | 54.9 | 82.0 | 73.0 | 68.3 | 71.1 | 65.2 | 58.2 |
| October | 65.1 | 65.2 | 55.2 | 66.6 | 60.7 | 54.2 | 80.6 | 72.1 | 68.1 | 69.5 | 63.9 | 57.6 |
| November | 64.3 | 64.8 | 55.6 | 66.2 | 61.3 | 55.1 | 80.4 | 72.9 | 68.9 | 69.0 | 64.4 | 58.4 |
| December | 62.9 | 62.7 | 52.1 | 64.6 | 59.2 | 52.0 | 79.1 | 70.5 | 66.2 | 67.7 | 62.2 | 55.4 |
| **1988 Average** | **64.1** | **64.7** | **55.9** | **66.1** | **61.3** | **55.1** | **79.4** | **72.1** | **67.5** | **68.6** | **64.1** | **58.0** |
| **PAD District I Average** | | | | | | | | | | | | |
| January | 63.5 | 60.2 | 52.2 | 66.9 | 57.6 | 53.1 | 80.2 | 69.5 | 64.2 | 70.0 | 60.8 | 56.5 |
| February | 61.8 | 60.5 | 52.5 | 65.1 | 58.8 | 53.4 | 78.5 | 70.0 | 64.4 | 68.2 | 61.6 | 56.9 |
| March | 60.6 | 60.8 | 52.9 | 63.7 | 58.7 | 53.2 | 77.4 | 70.0 | 64.5 | 67.0 | 61.7 | 56.8 |
| April | 62.9 | 63.6 | 57.0 | 65.6 | 62.0 | 56.4 | 79.0 | 73.0 | 67.8 | 68.9 | 64.9 | 60.1 |
| May | 64.3 | 64.7 | 58.2 | 66.8 | 63.0 | 57.7 | 80.8 | 73.1 | 69.7 | 70.3 | 65.7 | 61.5 |
| June | 64.3 | 65.3 | 57.9 | 67.2 | 62.9 | 57.5 | 81.0 | 74.2 | 69.9 | 70.7 | 66.1 | 61.6 |
| July | 66.3 | 67.7 | 61.4 | 68.8 | 64.7 | 59.8 | 83.1 | 76.8 | 72.4 | 72.6 | 68.3 | 64.1 |
| August | 67.4 | 65.8 | 58.5 | 69.6 | 62.6 | 57.9 | 83.8 | 74.1 | 71.1 | 73.4 | 66.1 | 62.2 |
| September | 66.2 | 64.3 | 55.0 | 68.7 | 59.4 | 54.9 | 83.3 | 71.8 | 68.7 | 72.7 | 63.6 | 59.4 |
| October | 65.5 | 64.2 | 56.0 | 67.9 | 59.8 | 56.1 | 82.7 | 72.1 | 69.7 | 72.1 | 63.8 | 60.7 |
| November | 65.2 | 65.5 | 58.0 | 67.9 | 60.9 | 57.3 | 82.7 | 74.0 | 71.1 | 72.0 | 65.1 | 62.0 |
| December | 64.5 | 63.3 | 54.2 | 67.0 | 59.0 | 55.0 | 82.1 | 71.4 | 69.3 | 71.4 | 63.0 | 59.7 |
| **1988 Average** | **64.3** | **63.8** | **56.2** | **67.1** | **60.8** | **56.1** | **81.3** | **72.6** | **68.7** | **70.8** | **64.3** | **60.2** |
| **Subdistrict IA Average** | | | | | | | | | | | | |
| January | 69.0 | 62.8 | 57.3 | 73.4 | 59.2 | 56.8 | 86.0 | 70.9 | 69.8 | 76.8 | 62.5 | 61.3 |
| February | 67.9 | 62.2 | 56.4 | 71.8 | 59.5 | 56.8 | 85.0 | 71.2 | 69.2 | 75.4 | 62.9 | 61.1 |
| March | 66.6 | 62.3 | 56.5 | 70.3 | 59.2 | 56.4 | 83.7 | 70.9 | 67.9 | 74.0 | 62.6 | 60.7 |
| April | 67.0 | 65.3 | 60.1 | 70.9 | 61.9 | 57.6 | 84.3 | 73.7 | 71.0 | 74.5 | 65.4 | 62.2 |
| May | 68.5 | 66.7 | 61.3 | 72.0 | 62.2 | 59.7 | 85.5 | 73.1 | 74.0 | 75.8 | 65.9 | 64.6 |
| June | 69.1 | 67.4 | 61.0 | 72.5 | 62.2 | 60.0 | 86.6 | 74.4 | 74.3 | 76.4 | 66.3 | 65.0 |
| July | 71.4 | 70.3 | 64.3 | 74.2 | 62.3 | 62.5 | 88.6 | 76.9 | 76.9 | 78.3 | 66.6 | 67.7 |
| August | 71.9 | 67.3 | 60.7 | 75.1 | 62.6 | 60.8 | 89.3 | 74.1 | 74.7 | 79.2 | 66.4 | 65.8 |
| September | 72.5 | 68.7 | 57.7 | 74.6 | 63.1 | 57.7 | 89.0 | 75.4 | 73.2 | 78.7 | 67.5 | 63.1 |
| October | 72.1 | 69.2 | 58.5 | 74.2 | 64.2 | 60.0 | 88.8 | 75.6 | 73.4 | 78.4 | 68.1 | 64.9 |
| November | 73.5 | 70.0 | 61.2 | 74.7 | 66.9 | 59.0 | 89.5 | 78.0 | 75.3 | 79.0 | 70.7 | 64.4 |
| December | 72.7 | 68.6 | 56.8 | 74.6 | 64.5 | 58.2 | 89.6 | 76.1 | 74.0 | 79.1 | 68.5 | 63.5 |
| **1988 Average** | **69.9** | **66.3** | **59.5** | **73.2** | **62.2** | **58.9** | **87.1** | **74.2** | **72.9** | **77.1** | **66.0** | **63.8** |
| **Connecticut** | | | | | | | | | | | | |
| January | 68.1 | 63.2 | 57.6 | 73.6 | 58.9 | 57.8 | 85.6 | 76.0 | 70.4 | 76.8 | 63.8 | 62.8 |
| February | 66.9 | 63.1 | 57.3 | 71.2 | 60.0 | 58.4 | 84.1 | 76.7 | 69.1 | 74.9 | 64.8 | 62.8 |
| March | 65.5 | 62.6 | 56.9 | 70.4 | 60.2 | 57.9 | 82.8 | 76.6 | 67.4 | 73.9 | 65.0 | 62.0 |
| April | 67.5 | 68.2 | 60.1 | 71.0 | 64.5 | 57.5 | 84.3 | 80.3 | 70.5 | 74.9 | 69.4 | 62.6 |
| May | 67.7 | 67.0 | 62.0 | 72.4 | 61.7 | 62.1 | 84.9 | 75.5 | 74.0 | 75.9 | 66.3 | 67.0 |
| June | 67.3 | 68.8 | 61.8 | 73.4 | 61.9 | 62.0 | 86.6 | 75.9 | 73.8 | 76.9 | 67.0 | 67.1 |
| July | 69.0 | 72.9 | 64.7 | 75.8 | 65.8 | 64.4 | 88.7 | 79.2 | 77.3 | 79.2 | 71.0 | 69.9 |
| August | 69.6 | 70.7 | 62.4 | 76.2 | 63.0 | 62.0 | 90.5 | 77.3 | 75.6 | 80.0 | 68.5 | 67.6 |
| September | 72.5 | 69.4 | 59.0 | 77.1 | 66.1 | 60.8 | 90.0 | 77.3 | 73.9 | 80.5 | 70.3 | 66.1 |
| October | 72.0 | 69.7 | 59.0 | 77.0 | 67.0 | 61.0 | 90.5 | 77.4 | 74.2 | 80.7 | 70.8 | 66.4 |
| November | 74.0 | 70.5 | 61.1 | 77.1 | 70.8 | 64.0 | 91.4 | 80.2 | 75.7 | 81.4 | 74.0 | 69.0 |
| December | 70.9 | 70.9 | 57.2 | 77.1 | 68.1 | 61.3 | 91.3 | 79.0 | 74.2 | 81.2 | 72.3 | 66.6 |
| **1988 Average** | **69.4** | **67.7** | **60.1** | **74.6** | **63.7** | **60.8** | **87.8** | **77.7** | **73.1** | **78.2** | **68.5** | **65.8** |

See footnotes at end of table.

# Table 28. Refiner/Reseller Motor Gasoline Prices by Grade (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Leaded Regular | | | Unleaded Regular | | | Premium | | | Motor Gasoline Average | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Maine** | | | | | | | | | | | | |
| January | 72.2 | 62.5 | 55.4 | 73.4 | 62.5 | 53.4 | 84.7 | 75.7 | 63.7 | 75.7 | 64.6 | 56.0 |
| February | 69.8 | 63.1 | 54.3 | 70.9 | 61.3 | 53.1 | 83.0 | 74.4 | 63.9 | 73.3 | 63.9 | 55.6 |
| March | 68.2 | 62.3 | 54.7 | 69.4 | 63.2 | 52.7 | 80.7 | 71.8 | 63.7 | 71.3 | 64.4 | 55.7 |
| April | 68.6 | 65.3 | 58.2 | 69.8 | 64.1 | 56.6 | 82.7 | 74.0 | 66.5 | 72.6 | 65.9 | 59.2 |
| May | 71.0 | 68.0 | 60.1 | 71.9 | 64.4 | 58.8 | 84.7 | 76.5 | 69.3 | 74.6 | 67.3 | 61.5 |
| June | 71.1 | 68.2 | 59.8 | 71.5 | 64.2 | 58.4 | 84.5 | 74.9 | 69.9 | 74.4 | 66.8 | 61.3 |
| July | 73.3 | 71.4 | 62.7 | 74.3 | 66.3 | 61.2 | 88.0 | 77.5 | 73.1 | 77.4 | 69.5 | 64.4 |
| August | 73.5 | 71.2 | 58.8 | 74.6 | 64.0 | 56.8 | 88.6 | 75.7 | 69.6 | 77.7 | 67.7 | 60.3 |
| September | 75.4 | 73.7 | 55.9 | 74.9 | 61.3 | 54.2 | 89.6 | 72.4 | 66.0 | 78.0 | 67.9 | 57.4 |
| October | 74.6 | 73.2 | 57.2 | 73.9 | 63.3 | 55.9 | 88.1 | 73.7 | 67.4 | 76.8 | 67.8 | 59.1 |
| November | 75.3 | 71.5 | 60.9 | 75.2 | 66.8 | 59.8 | 89.6 | 78.3 | 72.0 | 77.9 | 69.7 | 63.1 |
| December | 75.7 | 67.3 | 57.0 | 74.5 | 65.2 | 56.7 | 89.5 | 75.2 | 69.1 | 78.1 | 67.4 | 60.1 |
| **1988 Average** | **72.0** | **68.6** | **58.0** | **72.8** | **64.0** | **56.6** | **86.0** | **75.1** | **68.2** | **75.6** | **67.0** | **59.6** |
| **Massachusetts** | | | | | | | | | | | | |
| January | 68.0 | 61.1 | 58.0 | 73.9 | 55.8 | 56.8 | 86.2 | 65.4 | 70.7 | 77.6 | 59.5 | 61.6 |
| February | 66.9 | 59.4 | 56.7 | 72.5 | 56.0 | 57.4 | 85.4 | 65.4 | 70.6 | 76.5 | 59.4 | 62.0 |
| March | 65.6 | 59.1 | 57.7 | 70.6 | 55.8 | 56.8 | 84.1 | 64.8 | 69.4 | 74.9 | 58.7 | 61.6 |
| April | 65.7 | 61.5 | 61.3 | 71.3 | 58.0 | 57.2 | 84.1 | 67.6 | 72.4 | 75.0 | 61.2 | 62.2 |
| May | 67.0 | 65.0 | 62.8 | 72.2 | 61.0 | 58.9 | 85.0 | 70.4 | 75.5 | 76.2 | 64.5 | 64.4 |
| June | 67.6 | 65.6 | 61.9 | 72.4 | 60.5 | 59.6 | 86.1 | 73.0 | 75.8 | 76.5 | 65.0 | 65.2 |
| July | 69.9 | 67.1 | 65.5 | 73.6 | 59.0 | 62.2 | 87.9 | 74.5 | 78.0 | 78.1 | 62.7 | 67.8 |
| August | 70.6 | 63.9 | 61.0 | 75.4 | 59.8 | 61.8 | 88.0 | 71.0 | 75.7 | 79.2 | 63.7 | 66.9 |
| September | 70.0 | 65.6 | 58.0 | 73.6 | 59.4 | 56.6 | 89.2 | 72.8 | 74.7 | 78.6 | 63.8 | 62.8 |
| October | 70.2 | 66.2 | 59.0 | 73.7 | 60.3 | 60.9 | 89.1 | 72.6 | 74.3 | 78.6 | 64.5 | 66.1 |
| November | 71.7 | 68.4 | 59.9 | 74.1 | 62.9 | 56.7 | 89.6 | 75.0 | 75.5 | 79.1 | 67.4 | 62.3 |
| December | 72.0 | 65.2 | 54.5 | 74.2 | 59.8 | 56.6 | 89.8 | 71.2 | 75.0 | 79.4 | 63.8 | 62.1 |
| **1988 Average** | **68.4** | **63.5** | **60.0** | **73.1** | **58.9** | **58.4** | **86.7** | **70.2** | **74.0** | **77.3** | **62.7** | **63.8** |
| **New Hampshire** | | | | | | | | | | | | |
| January | 68.1 | 66.6 | 58.5 | 71.5 | 66.7 | 59.6 | 86.2 | 67.1 | 71.9 | 74.9 | 66.7 | 63.6 |
| February | 68.3 | 65.8 | 58.7 | 71.3 | 66.3 | 56.9 | 86.1 | 72.6 | 71.1 | 74.7 | 66.8 | 61.4 |
| March | 67.7 | 67.7 | 57.7 | 70.5 | 64.3 | 58.9 | 86.0 | 70.8 | 70.6 | 74.1 | 65.8 | 62.8 |
| April | 67.8 | 67.1 | 61.1 | 70.9 | 65.4 | 61.5 | NA | 70.0 | 72.9 | 74.8 | 66.4 | 65.3 |
| May | 68.5 | 68.9 | 62.6 | 71.3 | 66.6 | 63.1 | NA | 73.0 | 75.2 | 75.7 | 68.1 | 67.1 |
| June | 71.2 | 67.1 | 63.7 | 73.3 | 67.4 | 63.1 | NA | 72.8 | 76.0 | 77.5 | 67.9 | 67.3 |
| July | 73.1 | 71.1 | 64.7 | 74.7 | 69.7 | 65.7 | NA | 75.5 | 78.6 | 79.2 | 70.8 | 69.9 |
| August | 73.4 | 66.4 | 67.0 | 74.3 | 67.7 | 64.1 | 93.0 | 70.8 | 76.6 | 79.8 | 67.8 | 68.5 |
| September | 72.9 | 59.5 | 60.1 | 73.1 | 61.3 | 61.3 | 87.6 | 70.4 | 75.0 | 77.2 | 63.4 | 65.8 |
| October | 71.9 | 63.2 | 58.0 | 72.0 | 60.2 | 60.6 | 87.0 | 67.6 | 74.4 | 76.1 | 62.2 | 65.2 |
| November | 73.3 | 67.3 | 63.5 | 72.5 | 63.6 | 64.3 | 87.3 | 74.0 | 77.5 | 76.7 | 66.6 | 68.8 |
| December | 73.2 | 65.8 | 58.5 | 73.1 | 61.0 | 62.7 | 87.7 | 73.5 | 76.5 | 77.2 | 64.4 | 67.4 |
| **1988 Average** | **70.6** | **66.9** | **61.8** | **72.5** | **65.5** | **61.9** | **88.7** | **71.7** | **74.8** | **76.6** | **66.7** | **66.2** |
| **Rhode Island** | | | | | | | | | | | | |
| January | 66.5 | 61.9 | 55.3 | 70.0 | 55.5 | 56.3 | 83.0 | 65.6 | 66.6 | 73.8 | 58.5 | 60.1 |
| February | 64.6 | 61.3 | 54.6 | 67.9 | 54.6 | 54.4 | 81.7 | 66.7 | 65.5 | 72.0 | 58.0 | 58.4 |
| March | 62.8 | 61.0 | 53.5 | 65.5 | 54.5 | 53.5 | 80.1 | 67.5 | 63.9 | 69.7 | 58.0 | 57.4 |
| April | 63.2 | 63.7 | 58.0 | 66.4 | 57.7 | 57.8 | 80.5 | 69.4 | 68.3 | 70.3 | 60.9 | 61.8 |
| May | 66.7 | 64.4 | 57.7 | 69.1 | 59.8 | 58.4 | 83.0 | 71.8 | 70.6 | 73.1 | 62.8 | 62.6 |
| June | 68.7 | 63.5 | 57.8 | 68.8 | 58.9 | 57.6 | 84.0 | 72.7 | 71.1 | 73.4 | 62.4 | 62.2 |
| July | NA | 68.9 | 62.5 | 70.9 | 63.0 | 60.6 | 86.3 | 76.6 | 73.9 | 75.9 | 65.9 | 65.2 |
| August | NA | 59.8 | 57.5 | 72.0 | 56.8 | 58.6 | 87.8 | 68.2 | 71.8 | 77.2 | 59.1 | 62.9 |
| September | 70.3 | 61.2 | 54.9 | 70.6 | 58.3 | 56.8 | 85.8 | 72.6 | 70.0 | 76.1 | 62.1 | 61.6 |
| October | 71.3 | 59.0 | 56.3 | 70.3 | 58.1 | 58.3 | 85.6 | 74.2 | 71.0 | 75.8 | 61.2 | 63.1 |
| November | 73.0 | W | 60.2 | 70.9 | 63.2 | 58.0 | 84.6 | 76.4 | 73.5 | 75.8 | 65.8 | 63.0 |
| December | 72.7 | W | 56.9 | 70.6 | 60.2 | 58.2 | 85.1 | 72.5 | 71.1 | 75.9 | 64.6 | 63.3 |
| **1988 Average** | **68.8** | **62.7** | **57.4** | **69.6** | **58.2** | **57.6** | **84.2** | **71.0** | **70.0** | **74.3** | **61.2** | **62.0** |

See footnotes at end of table.

## Table 28. Refiner/Reseller Motor Gasoline Prices by Grade (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Leaded Regular | | | Unleaded Regular | | | Premium | | | Motor Gasoline Average | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Vermont** | | | | | | | | | | | | |
| January | 73.3 | 68.7 | 60.5 | 77.3 | 69.4 | 61.6 | 90.5 | 75.5 | 72.7 | 80.1 | 70.3 | 64.8 |
| February | 72.1 | 65.0 | 60.7 | 75.5 | 69.0 | 61.7 | 89.6 | 77.1 | 73.0 | 78.6 | 69.1 | 64.9 |
| March | 71.7 | 67.9 | 59.3 | 74.5 | 68.5 | 60.8 | 88.5 | 75.8 | 71.9 | 77.5 | 69.5 | 63.8 |
| April | 71.6 | 67.8 | 62.5 | 74.5 | 69.4 | 63.1 | 88.1 | 77.8 | 74.1 | 77.3 | 70.4 | 66.1 |
| May | 73.3 | 71.0 | 63.5 | 75.4 | 69.3 | 64.1 | 88.8 | 78.1 | 76.1 | 78.1 | 71.6 | 67.3 |
| June | 74.0 | 70.5 | 63.7 | 75.4 | 70.0 | 63.8 | 89.6 | 78.2 | 76.7 | 78.8 | 71.5 | 67.4 |
| July | 75.4 | 73.4 | 66.7 | 76.9 | 72.4 | 66.4 | 91.6 | 81.9 | 79.6 | 80.6 | 74.6 | 70.4 |
| August | 76.2 | 71.8 | 63.0 | 77.8 | 71.8 | 63.2 | 91.7 | 80.9 | 75.8 | 81.2 | 73.5 | 67.1 |
| September | 76.0 | 69.2 | 61.4 | 77.6 | 66.0 | 61.6 | 90.1 | 77.5 | 75.4 | 80.6 | 69.0 | 65.8 |
| October | 75.5 | 69.7 | 62.1 | 76.8 | 69.4 | 62.0 | 90.3 | 81.5 | 76.1 | 80.2 | 71.9 | 66.5 |
| November | 75.5 | 71.8 | 65.9 | 77.4 | 69.8 | 65.6 | 91.5 | 81.7 | 79.0 | 80.9 | 72.7 | 69.8 |
| December | 75.1 | 70.7 | 62.7 | 76.7 | 69.2 | 63.2 | 91.0 | 82.9 | 76.9 | 80.3 | 72.8 | 67.6 |
| **1988 Average** | **74.3** | **69.8** | **62.7** | **76.5** | **69.5** | **63.1** | **90.3** | **79.6** | **75.8** | **79.7** | **71.5** | **66.9** |
| **Subdistrict IB Average** | | | | | | | | | | | | |
| January | 65.1 | 61.7 | 54.2 | 67.0 | 59.3 | 53.4 | 82.3 | 72.3 | 65.1 | 70.9 | 62.5 | 57.4 |
| February | 64.0 | 61.8 | 53.5 | 65.2 | 60.6 | 53.5 | 80.8 | 72.6 | 65.4 | 69.3 | 63.1 | 57.6 |
| March | 62.8 | 62.2 | 53.2 | 63.9 | 60.5 | 52.8 | 79.3 | 72.5 | 65.6 | 68.0 | 63.1 | 57.0 |
| April | 63.9 | 65.0 | 56.3 | 64.8 | 63.2 | 55.6 | 80.2 | 74.8 | 68.3 | 68.9 | 66.0 | 59.8 |
| May | 65.3 | 66.2 | 58.4 | 65.8 | 65.0 | 57.0 | 81.9 | 76.1 | 70.2 | 70.2 | 67.4 | 61.3 |
| June | 65.6 | 67.5 | 58.9 | 67.1 | 65.3 | 57.3 | 82.4 | 77.2 | 70.8 | 71.2 | 68.3 | 61.9 |
| July | 67.2 | 69.3 | 60.9 | 67.7 | 66.8 | 58.7 | 83.7 | 78.3 | 72.2 | 72.3 | 69.8 | 63.3 |
| August | 67.9 | 68.1 | 59.2 | 68.2 | 65.1 | 57.4 | 84.7 | 76.6 | 71.8 | 72.9 | 68.3 | 62.3 |
| September | 67.0 | 63.3 | 55.5 | 67.4 | 59.1 | 54.2 | 84.0 | 71.2 | 69.4 | 72.2 | 63.0 | 59.3 |
| October | 66.2 | 63.3 | 56.9 | 66.7 | 59.5 | 55.6 | 83.7 | 71.7 | 70.6 | 71.7 | 63.2 | 61.0 |
| November | 67.1 | 65.6 | 59.7 | 67.2 | 60.2 | 57.3 | 84.0 | 74.2 | 71.8 | 72.1 | 64.4 | 62.4 |
| December | 66.9 | 64.4 | 56.4 | 67.3 | 59.8 | 55.4 | 84.2 | 72.4 | 70.9 | 72.4 | 63.8 | 60.7 |
| **1988 Average** | **65.7** | **64.9** | **56.9** | **66.5** | **62.1** | **55.8** | **82.6** | **74.2** | **69.4** | **71.0** | **65.3** | **60.4** |
| **Delaware** | | | | | | | | | | | | |
| January | 61.9 | 60.2 | 54.7 | 63.0 | 55.6 | 52.7 | 77.9 | 62.7 | 56.7 | 66.9 | 57.9 | 54.1 |
| February | 61.9 | 58.5 | 55.2 | 62.1 | 56.3 | 55.1 | 76.0 | 63.2 | 56.4 | 65.9 | 58.5 | 55.7 |
| March | 62.7 | 58.5 | 55.1 | 61.1 | 56.6 | 53.8 | 75.5 | 64.1 | 58.4 | 65.4 | 58.3 | 55.9 |
| April | 62.6 | 62.7 | 57.0 | 64.3 | 60.1 | 55.8 | 79.0 | 66.6 | 64.3 | 68.2 | 62.0 | 58.7 |
| May | 65.5 | 63.2 | 59.1 | 65.5 | 59.8 | 57.5 | 82.3 | 72.2 | 64.3 | 70.1 | 62.6 | 60.8 |
| June | 66.1 | 62.6 | 59.2 | 67.3 | 60.5 | 57.4 | 82.5 | 71.0 | 65.0 | 71.5 | 63.1 | 60.7 |
| July | 66.4 | 63.9 | 61.6 | 67.1 | 63.4 | 59.7 | 84.1 | 75.6 | 69.0 | 71.9 | 64.7 | 63.1 |
| August | 66.8 | 65.6 | 60.3 | 68.8 | 62.1 | 58.9 | 84.5 | 70.8 | 65.1 | 73.1 | 64.2 | 61.5 |
| September | 65.1 | 63.7 | 57.2 | 64.8 | 61.4 | 57.3 | 80.8 | 72.0 | 65.7 | 69.2 | 64.2 | 60.2 |
| October | 64.8 | 65.7 | 58.7 | 64.9 | 61.3 | 56.9 | 81.6 | 72.6 | 68.2 | 69.1 | 64.6 | 60.4 |
| November | 67.5 | 68.3 | 61.6 | 66.7 | 64.2 | 59.5 | 82.6 | 76.0 | 68.6 | 70.9 | 67.7 | 63.3 |
| December | 64.0 | 65.1 | 63.7 | 66.8 | 63.2 | 57.8 | 83.2 | 74.5 | 66.6 | 71.2 | 66.5 | 61.3 |
| **1988 Average** | **64.4** | **63.5** | **58.4** | **65.4** | **61.0** | **57.0** | **80.9** | **71.3** | **64.1** | **69.5** | **63.6** | **59.9** |
| **District of Columbia** | | | | | | | | | | | | |
| January | W | 58.8 | 52.7 | W | 53.3 | 57.1 | W | 70.1 | 68.9 | W | 59.8 | 62.5 |
| February | W | 54.9 | 51.6 | W | 54.5 | 57.0 | W | 70.9 | 69.6 | W | 60.8 | 62.4 |
| March | W | 57.5 | 52.5 | W | 54.8 | 57.1 | W | 71.6 | 70.8 | W | 61.8 | 62.9 |
| April | W | 62.6 | 59.2 | W | 60.6 | 62.8 | W | 75.1 | 73.4 | W | 66.0 | 68.3 |
| May | W | 60.9 | 60.0 | W | 62.4 | 63.3 | W | 77.8 | 74.6 | W | 67.8 | 69.0 |
| June | W | 61.2 | 60.3 | W | 60.4 | 63.4 | W | 76.1 | 74.8 | W | 66.4 | 69.3 |
| July | W | 66.8 | 63.5 | W | 63.3 | 64.7 | W | 78.7 | 76.3 | W | 69.6 | 70.7 |
| August | W | 63.2 | 61.9 | W | 60.0 | 65.8 | W | 74.1 | 77.7 | W | 64.9 | 71.9 |
| September | W | 56.6 | 57.8 | W | 54.5 | 64.1 | W | 70.5 | 75.9 | W | 60.6 | 70.2 |
| October | W | 57.1 | 57.5 | W | 55.5 | 61.4 | W | 72.3 | 74.7 | W | 61.2 | 68.1 |
| November | W | 60.5 | 58.8 | W | 59.7 | 63.5 | W | 74.8 | 75.4 | W | 65.2 | 69.7 |
| December | W | 56.9 | 56.8 | W | 54.2 | 62.9 | W | 70.6 | 75.3 | W | 59.4 | 69.5 |
| **1988 Average** | W | **60.0** | **56.6** | W | **57.4** | **61.5** | W | **73.4** | **73.9** | W | **63.4** | **67.6** |

See footnotes at end of table.

# Table 28. Refiner/Reseller Motor Gasoline Prices by Grade (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Leaded Regular | | | Unleaded Regular | | | Premium | | | Motor Gasoline Average | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Maryland** | | | | | | | | | | | | |
| January | 64.8 | 54.3 | 54.1 | 67.0 | 50.6 | 56.5 | 77.6 | 67.0 | 67.3 | 69.6 | 53.8 | 60.2 |
| February | 65.6 | 56.0 | 54.9 | 66.8 | 52.7 | 56.9 | 77.5 | 68.3 | 67.7 | 69.7 | 55.9 | 60.5 |
| March | 64.4 | 59.2 | 55.5 | 66.2 | 54.5 | 58.1 | 76.0 | 73.0 | 69.0 | 68.8 | 57.9 | 61.7 |
| April | 67.9 | NA | 58.5 | 68.0 | 59.0 | 60.1 | 78.8 | 70.9 | 71.1 | 71.1 | 61.8 | 63.7 |
| May | 69.4 | 62.8 | 59.8 | 69.0 | 59.5 | 61.3 | 79.5 | 72.9 | 72.2 | 72.1 | 62.3 | 65.0 |
| June | 69.5 | 66.0 | 60.9 | 69.5 | 65.7 | 61.6 | 80.5 | 74.1 | 72.6 | 72.7 | 67.3 | 65.5 |
| July | 73.4 | 65.3 | 62.8 | 70.9 | 62.6 | 62.9 | 82.4 | 74.5 | 74.2 | 74.8 | 65.2 | 66.9 |
| August | 72.6 | 61.4 | 60.9 | 71.1 | 58.2 | 62.3 | 82.0 | 71.4 | 74.5 | 74.7 | 61.2 | 66.5 |
| September | 69.1 | 63.8 | 57.1 | 70.1 | 59.7 | 60.8 | 83.2 | 71.3 | 72.6 | 73.6 | 63.2 | 64.7 |
| October | 69.1 | 65.1 | 57.1 | 69.6 | 60.4 | 60.6 | 83.5 | 74.4 | 72.5 | 73.4 | 64.6 | 64.7 |
| November | 70.3 | 66.8 | 60.0 | 70.7 | 63.2 | 61.6 | 84.6 | 75.6 | 73.9 | 74.5 | 66.9 | 66.1 |
| December | 68.6 | 65.1 | 56.6 | 70.2 | 59.1 | 60.4 | 85.1 | 73.3 | 72.9 | 74.5 | 63.5 | 64.9 |
| **1988 Average** | **68.7** | **62.1** | **58.3** | **69.2** | **58.6** | **60.4** | **81.0** | **72.4** | **71.8** | **72.5** | **61.9** | **64.3** |
| **New Jersey** | | | | | | | | | | | | |
| January | 66.2 | 61.3 | 53.3 | 69.1 | 59.9 | 51.6 | 85.4 | NA | 62.8 | 74.3 | NA | 55.8 |
| February | 65.0 | 62.0 | 53.3 | 67.8 | 60.0 | 52.8 | 83.7 | 70.1 | 64.2 | 73.2 | 63.4 | 57.3 |
| March | 63.7 | 62.3 | 53.6 | 66.2 | 60.1 | 51.4 | 83.1 | 71.5 | 65.7 | 71.8 | 64.2 | 56.5 |
| April | 63.8 | 63.6 | 58.4 | 66.1 | 62.6 | 54.0 | 83.5 | 73.1 | 68.4 | 72.0 | 66.3 | 59.3 |
| May | 65.1 | 64.6 | 59.0 | 67.3 | 63.7 | 55.1 | 84.3 | 74.7 | 70.1 | 73.2 | 67.6 | 60.1 |
| June | 65.6 | NA | 59.2 | 67.9 | 64.4 | 55.7 | 84.9 | 76.6 | 70.4 | 74.0 | 68.8 | 60.9 |
| July | 67.0 | 68.3 | 61.0 | 69.8 | 66.7 | 56.8 | 87.7 | 78.2 | 71.9 | 76.2 | 70.9 | 62.0 |
| August | 67.7 | NA | 57.4 | 71.0 | NA | 56.2 | 88.8 | NA | 72.5 | 77.2 | NA | 61.9 |
| September | 67.6 | 64.7 | 52.8 | 70.2 | 60.9 | 51.4 | 88.3 | 72.1 | 68.1 | 76.4 | 64.5 | 56.5 |
| October | 66.2 | 65.2 | 54.9 | 69.9 | 60.9 | 53.1 | 87.8 | 73.1 | 70.4 | 75.9 | 64.7 | 59.4 |
| November | 66.0 | 66.3 | 56.5 | 70.0 | 64.3 | 54.8 | 87.7 | 76.2 | 69.4 | 75.9 | 68.2 | 59.8 |
| December | 65.9 | 65.7 | 53.5 | 69.7 | 62.8 | 52.9 | 87.0 | 74.9 | 69.5 | 75.7 | 66.7 | 57.9 |
| **1988 Average** | **65.8** | **64.5** | **56.0** | **68.8** | **62.5** | **53.9** | **86.1** | **73.9** | **68.6** | **74.7** | **66.5** | **59.0** |
| **New York** | | | | | | | | | | | | |
| January | 68.0 | 64.3 | 56.9 | 69.7 | 61.8 | 57.6 | 84.0 | 66.1 | 72.3 | 73.3 | 63.3 | 62.6 |
| February | 66.6 | 63.3 | 56.1 | 67.9 | 61.5 | 57.3 | 82.3 | 67.7 | 71.4 | 71.5 | 62.7 | 62.2 |
| March | 65.9 | 63.7 | 56.0 | 66.8 | 61.6 | 56.5 | 81.0 | 65.5 | 70.2 | 70.5 | 62.8 | 61.3 |
| April | 66.4 | 65.9 | 58.3 | 66.7 | 63.1 | 58.5 | 80.6 | 68.6 | 71.8 | 70.3 | 64.8 | 63.1 |
| May | 67.1 | 67.8 | 60.1 | 67.0 | 65.1 | 60.3 | 82.6 | 71.5 | 73.5 | 71.3 | 66.9 | 64.8 |
| June | 67.8 | 69.5 | 61.1 | 69.0 | 65.6 | 60.8 | 82.7 | 73.5 | 74.9 | 72.6 | 67.9 | 65.8 |
| July | 68.7 | 72.7 | 63.1 | 68.9 | 68.6 | 62.0 | 83.6 | 72.5 | 76.1 | 73.0 | 70.5 | 67.2 |
| August | 69.8 | 71.5 | 61.6 | 69.4 | 66.8 | 60.0 | 85.0 | 73.1 | 75.6 | 73.9 | 69.3 | 65.6 |
| September | 69.5 | 63.3 | 58.9 | 69.6 | 58.4 | 58.4 | 85.8 | 68.8 | 73.8 | 74.2 | 62.0 | 64.4 |
| October | 68.2 | 63.9 | 59.5 | 68.6 | 58.5 | 59.3 | 85.4 | 68.4 | 75.0 | 73.5 | 62.0 | 65.3 |
| November | 69.3 | 64.3 | 62.9 | 68.6 | 56.2 | 61.8 | 85.3 | 71.3 | 77.1 | 73.5 | 60.6 | 67.8 |
| December | 68.9 | 63.3 | 59.2 | 68.9 | 59.3 | 59.4 | 85.6 | 70.4 | 76.0 | 73.8 | 62.9 | 65.8 |
| **1988 Average** | **67.9** | **66.7** | **59.6** | **68.4** | **62.0** | **59.4** | **83.6** | **69.9** | **74.1** | **72.6** | **64.7** | **64.7** |
| **Pennsylvania** | | | | | | | | | | | | |
| January | 62.6 | 61.4 | 52.8 | 63.7 | 61.4 | 50.9 | 80.2 | NA | 60.2 | 67.7 | 64.8 | 53.8 |
| February | 61.2 | 61.6 | 51.7 | 61.4 | 63.3 | 50.4 | 78.3 | 76.5 | 60.3 | 65.6 | 65.7 | 53.2 |
| March | 59.5 | 61.3 | 51.0 | 59.9 | 62.5 | 49.8 | 76.4 | 75.8 | 59.7 | 64.1 | 64.8 | 52.6 |
| April | 60.8 | 64.9 | 54.4 | 62.0 | 65.6 | 53.3 | 78.3 | 79.2 | 63.6 | 66.0 | 68.3 | 56.2 |
| May | 63.1 | 65.8 | 56.9 | 63.6 | 67.6 | 55.1 | 80.2 | 79.8 | 66.5 | 67.8 | 69.4 | 58.4 |
| June | 63.0 | 66.0 | 56.9 | 64.5 | 65.5 | 54.9 | 81.0 | 80.0 | 66.5 | 68.6 | 68.8 | 58.4 |
| July | 64.6 | 67.5 | 58.9 | 65.4 | 67.4 | 56.7 | 81.8 | 81.1 | 67.9 | 69.8 | 70.6 | 60.1 |
| August | 65.1 | 67.3 | 57.6 | 65.7 | 67.4 | 54.8 | 82.5 | 80.2 | 66.6 | 70.1 | 70.2 | 58.4 |
| September | 63.9 | 63.0 | 53.9 | 63.5 | 58.5 | 51.8 | 80.1 | 72.7 | 64.5 | 68.2 | 63.0 | 55.8 |
| October | 63.7 | 62.2 | 55.1 | 63.1 | 59.4 | 52.9 | 79.9 | 72.7 | 65.2 | 68.0 | 63.1 | 57.0 |
| November | 64.6 | 65.9 | 58.1 | 64.1 | 62.0 | 55.2 | 80.7 | 75.1 | 68.2 | 68.9 | 65.7 | 59.3 |
| December | 65.2 | 64.7 | 55.4 | 64.2 | 59.1 | 53.5 | 81.3 | 72.6 | 66.1 | 69.2 | 63.5 | 57.6 |
| **1988 Average** | **63.0** | **64.2** | **55.1** | **63.5** | **63.7** | **53.4** | **80.1** | **77.2** | **64.7** | **67.9** | **66.7** | **56.8** |

See footnotes at end of table.

# Table 28. Refiner/Reseller Motor Gasoline Prices by Grade (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Leaded Regular | | | Unleaded Regular | | | Premium | | | Motor Gasoline Average | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Subdistrict IC Average** | | | | | | | | | | | | |
| January | 61.9 | 58.0 | 50.0 | 65.1 | 55.6 | 51.1 | 77.3 | 67.0 | 60.6 | 67.8 | 58.9 | 53.7 |
| February | 59.9 | 58.9 | 51.2 | 63.2 | 56.6 | 52.2 | 75.5 | 68.0 | 61.4 | 65.9 | 59.9 | 54.7 |
| March | 59.0 | 59.2 | 52.1 | 61.9 | 57.0 | 52.6 | 74.8 | 68.2 | 61.9 | 64.9 | 60.2 | 55.3 |
| April | 61.9 | 62.0 | 56.8 | 64.7 | 60.9 | 57.0 | 77.0 | 71.7 | 66.1 | 67.6 | 64.0 | 59.7 |
| May | 63.2 | 62.9 | 57.4 | 65.9 | 61.2 | 57.8 | 78.7 | 71.1 | 67.4 | 69.0 | 64.1 | 60.6 |
| June | 62.9 | 62.6 | 56.7 | 65.8 | 60.8 | 56.7 | 78.6 | 72.1 | 67.1 | 68.9 | 64.2 | 59.9 |
| July | 65.0 | 65.6 | 61.1 | 67.9 | 63.7 | 60.3 | 81.1 | 75.8 | 71.0 | 71.2 | 67.6 | 63.8 |
| August | 66.5 | 63.5 | 57.5 | 68.9 | 60.5 | 57.6 | 81.7 | 72.6 | 68.7 | 72.1 | 64.3 | 61.0 |
| September | 65.2 | 64.2 | 54.2 | 68.2 | 59.0 | 54.7 | 82.1 | 71.4 | 66.2 | 72.0 | 63.3 | 58.3 |
| October | 64.5 | 64.1 | 55.3 | 67.2 | 59.1 | 55.4 | 81.3 | 71.8 | 67.4 | 71.1 | 63.4 | 59.2 |
| November | 63.6 | 64.9 | 57.0 | 67.0 | 60.4 | 56.7 | 81.1 | 73.1 | 68.6 | 70.8 | 64.5 | 60.5 |
| December | 62.9 | 62.1 | 53.1 | 65.5 | 57.5 | 53.1 | 79.9 | 69.8 | 65.8 | 69.7 | 61.5 | 57.2 |
| **1988 Average** | **63.0** | **62.3** | **55.2** | **66.0** | **59.4** | **55.5** | **79.3** | **71.2** | **66.2** | **69.3** | **63.0** | **58.7** |
| **Florida** | | | | | | | | | | | | |
| January | 64.5 | 56.5 | 48.8 | 65.5 | 52.3 | 51.9 | 77.0 | 62.9 | 62.6 | 68.6 | 56.4 | 54.9 |
| February | 62.5 | 57.5 | 50.6 | 63.4 | 52.9 | 53.1 | 75.1 | 62.9 | 63.2 | 66.7 | 56.7 | 56.1 |
| March | 61.8 | 58.3 | 51.2 | 62.7 | 53.3 | 53.2 | 75.1 | 64.7 | 63.4 | 66.2 | 57.6 | 56.3 |
| April | 64.5 | 63.0 | 56.1 | 65.4 | 58.0 | 57.1 | 77.3 | 69.3 | 66.9 | 68.8 | 62.3 | 60.3 |
| May | 66.1 | 63.7 | 56.9 | 67.1 | 58.8 | 58.7 | 79.6 | 67.1 | 69.2 | 70.7 | 62.3 | 62.0 |
| June | 65.8 | 62.6 | 55.8 | 67.5 | 57.8 | 57.6 | 79.6 | 69.7 | 69.0 | 70.8 | 62.6 | 61.4 |
| July | 68.0 | 65.9 | 60.2 | 69.6 | 60.7 | 61.0 | 81.7 | 72.8 | 72.4 | 73.0 | 65.8 | 64.8 |
| August | 69.5 | 62.9 | 56.8 | 70.8 | 56.5 | 59.0 | 82.9 | 70.6 | 71.5 | 74.2 | 61.9 | 63.0 |
| September | 67.7 | 66.0 | 55.1 | 70.3 | 55.1 | 57.5 | 83.4 | 69.6 | 70.0 | 74.9 | 61.5 | 61.8 |
| October | 66.3 | 66.4 | 55.5 | 69.1 | 54.4 | 57.3 | 81.9 | 69.0 | 70.6 | 73.5 | 61.1 | 62.2 |
| November | 65.5 | 67.5 | 57.6 | 68.3 | 57.0 | 58.3 | 81.7 | 72.4 | 71.0 | 72.9 | 63.2 | 62.9 |
| December | 65.7 | 62.7 | 54.2 | 66.5 | 52.5 | 55.3 | 80.4 | 66.6 | 69.4 | 71.6 | 58.0 | 60.5 |
| **1988 Average** | **65.5** | **62.5** | **54.8** | **67.2** | **55.6** | **56.7** | **79.9** | **68.2** | **68.4** | **71.0** | **60.7** | **60.5** |
| **Georgia** | | | | | | | | | | | | |
| January | 57.6 | 59.4 | 49.8 | 61.7 | 58.2 | 49.4 | 76.9 | 67.5 | 57.8 | 65.1 | 60.8 | 51.8 |
| February | 56.5 | 62.8 | 51.0 | 59.9 | 62.7 | 50.8 | 75.5 | 69.3 | 58.8 | 63.6 | 64.6 | 53.2 |
| March | 54.5 | 62.5 | 52.0 | 57.6 | 61.3 | 51.4 | 73.1 | 68.5 | 59.7 | 61.3 | 63.6 | 54.0 |
| April | 59.3 | 63.0 | 56.9 | 63.0 | 64.7 | 56.4 | 76.3 | 72.0 | 64.8 | 65.9 | 66.2 | 59.0 |
| May | 60.5 | 65.1 | 57.5 | 63.3 | 64.0 | 56.9 | 77.3 | 71.2 | 65.9 | 66.7 | 66.4 | 59.7 |
| June | 59.8 | 65.0 | 56.6 | 62.4 | 63.0 | 55.6 | 77.1 | 70.7 | 65.4 | 66.1 | 65.8 | 58.8 |
| July | 61.2 | 66.7 | 60.9 | 64.4 | 65.4 | 59.4 | 79.9 | 74.7 | 69.5 | 68.4 | 68.5 | 62.8 |
| August | 63.8 | 66.2 | 56.9 | 65.5 | 63.4 | 55.7 | 80.1 | 72.5 | 66.2 | 69.3 | 66.8 | 59.2 |
| September | 64.9 | 67.2 | 53.8 | 66.2 | 61.2 | 52.6 | 80.3 | 70.0 | 62.8 | 70.2 | 64.9 | 55.9 |
| October | 66.3 | 67.3 | 55.1 | 66.4 | 61.9 | 53.5 | 81.3 | 71.0 | 64.6 | 70.9 | 65.4 | 57.2 |
| November | 63.8 | 68.2 | 56.6 | 66.6 | 62.2 | 54.8 | 81.0 | 71.0 | 66.0 | 70.4 | 66.0 | 58.6 |
| December | 62.7 | 63.9 | 52.5 | 64.3 | 58.6 | 50.5 | 78.2 | 67.5 | 62.3 | 68.4 | 62.1 | 54.5 |
| **1988 Average** | **60.8** | **64.7** | **55.0** | **63.6** | **62.2** | **54.0** | **78.3** | **70.7** | **63.8** | **67.3** | **65.2** | **57.1** |
| **North Carolina** | | | | | | | | | | | | |
| January | 60.4 | 56.9 | 50.5 | 65.2 | 55.2 | 50.6 | 77.5 | 69.4 | 58.8 | 67.5 | 57.8 | 52.8 |
| February | 57.3 | 55.9 | 51.2 | 62.7 | 54.6 | 51.3 | 74.5 | 68.2 | 59.6 | 64.9 | 57.1 | 53.6 |
| March | 57.0 | 56.8 | 52.4 | 61.1 | 55.9 | 52.3 | 73.3 | 67.8 | 60.2 | 63.6 | 58.2 | 54.5 |
| April | 58.7 | 59.8 | 56.8 | 62.7 | 60.2 | 57.0 | 75.5 | 71.7 | 65.2 | 65.5 | 62.6 | 59.2 |
| May | 60.2 | 60.7 | 57.1 | 65.2 | 60.2 | 57.2 | 77.4 | 72.9 | 65.8 | 67.5 | 62.6 | 59.6 |
| June | 60.2 | 60.7 | 56.5 | 65.0 | 60.6 | 56.2 | 77.5 | 74.1 | 65.4 | 67.5 | 63.2 | 58.9 |
| July | 63.1 | 64.8 | 61.0 | 67.2 | 64.8 | 60.2 | 79.9 | 78.6 | 69.9 | 70.0 | 67.9 | 63.3 |
| August | 64.1 | 61.4 | 56.8 | 67.8 | 60.8 | 56.8 | 79.8 | 72.9 | 66.5 | 70.5 | 63.5 | 59.6 |
| September | 64.0 | 63.1 | 53.3 | 67.4 | 58.0 | 52.7 | 81.8 | 74.3 | 62.7 | 70.6 | 62.4 | 55.7 |
| October | 62.6 | 62.2 | 55.1 | 65.5 | 57.4 | 54.2 | 79.5 | 74.4 | 64.7 | 68.7 | 61.6 | 57.4 |
| November | 62.1 | 62.5 | 56.4 | 65.5 | 59.8 | 55.3 | 79.9 | 75.5 | 66.4 | 68.8 | 64.0 | 58.8 |
| December | 61.9 | 59.8 | 52.4 | 64.7 | 57.4 | 51.3 | 79.5 | 71.8 | 62.1 | 68.3 | 61.1 | 54.7 |
| **1988 Average** | **61.0** | **60.2** | **55.1** | **65.1** | **58.8** | **54.8** | **78.2** | **72.9** | **64.2** | **67.9** | **61.9** | **57.5** |

See footnotes at end of table.

# Table 28. Refiner/Reseller Motor Gasoline Prices by Grade (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Leaded Regular | | | Unleaded Regular | | | Premium | | | Motor Gasoline Average | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **South Carolina** | | | | | | | | | | | | |
| January | 60.2 | 59.7 | 49.3 | 65.2 | 59.4 | 49.5 | 75.7 | 70.9 | 59.1 | 66.3 | 61.8 | 51.8 |
| February | 57.8 | 59.0 | 50.6 | 62.9 | 58.8 | 50.8 | 74.7 | 70.5 | 60.4 | 64.3 | 61.6 | 53.1 |
| March | 57.2 | 60.2 | 51.9 | 61.6 | 60.1 | 52.0 | 75.0 | 70.5 | 61.5 | 63.6 | 62.4 | 54.3 |
| April | 60.7 | 62.9 | 56.8 | 64.3 | 63.4 | 56.3 | 76.9 | 74.2 | 65.9 | 66.4 | 66.3 | 58.9 |
| May | 61.4 | 64.1 | 57.1 | 64.5 | 64.5 | 56.7 | 77.6 | 73.7 | 66.8 | 66.9 | 66.2 | 59.4 |
| June | 61.2 | 64.0 | 56.9 | 64.4 | 63.2 | 56.1 | 77.7 | 73.7 | 66.4 | 67.0 | 65.6 | 59.0 |
| July | 64.1 | 64.3 | 61.4 | 67.0 | 62.9 | 59.4 | 81.6 | 73.5 | 70.9 | 70.0 | 66.5 | 62.8 |
| August | 65.0 | 62.3 | 58.1 | 67.6 | 61.2 | 56.7 | 81.7 | 72.9 | 68.0 | 70.4 | 63.9 | 60.0 |
| September | 61.6 | 62.9 | 53.2 | 65.2 | 60.9 | 52.3 | 78.6 | 74.1 | 63.3 | 67.2 | 64.6 | 55.3 |
| October | 60.2 | 64.4 | 54.8 | 63.7 | 62.6 | 53.5 | 78.1 | 76.5 | 64.8 | 66.1 | 66.1 | 56.7 |
| November | 60.0 | 63.2 | 56.5 | 62.9 | 61.9 | 55.7 | 77.7 | 74.2 | 67.4 | 65.6 | 65.0 | 58.9 |
| December | 58.1 | 64.3 | 52.4 | 61.6 | 61.9 | 51.1 | 77.8 | 70.2 | 63.1 | 64.4 | 64.5 | 54.6 |
| **1988 Average** | **60.6** | **62.6** | **55.0** | **64.2** | **61.9** | **54.4** | **77.9** | **73.0** | **65.1** | **66.5** | **64.7** | **57.3** |
| **Virginia** | | | | | | | | | | | | |
| January | 63.6 | 57.7 | 50.7 | 67.9 | 55.8 | 52.3 | 78.5 | 70.7 | 62.3 | 70.1 | 59.7 | 55.0 |
| February | 61.9 | 59.4 | 52.1 | 66.8 | 57.2 | 53.4 | 76.9 | 72.1 | 63.2 | 68.7 | 61.3 | 56.2 |
| March | 61.1 | 58.9 | 52.3 | 66.0 | 56.9 | 53.6 | 76.9 | 71.9 | 63.4 | 68.1 | 60.8 | 56.3 |
| April | 62.6 | 61.6 | 57.4 | 66.5 | 59.8 | 57.7 | 77.7 | 73.0 | 67.4 | 68.9 | 63.5 | 60.6 |
| May | 63.7 | 61.3 | 58.0 | 67.7 | 60.3 | 58.3 | 79.8 | 72.9 | 68.2 | 70.3 | 63.4 | 61.2 |
| June | 63.9 | 61.5 | 57.2 | 67.7 | 59.7 | 57.1 | 78.9 | 73.7 | 67.8 | 70.2 | 63.7 | 60.4 |
| July | 65.1 | 65.2 | 61.7 | 69.3 | 63.1 | 60.7 | 80.7 | 78.6 | 71.4 | 71.9 | 67.6 | 64.3 |
| August | 66.3 | 62.6 | 58.3 | 70.0 | 60.1 | 58.3 | 81.6 | 73.4 | 69.5 | 72.7 | 64.2 | 61.8 |
| September | 66.2 | 61.7 | 53.9 | 69.4 | 60.8 | 55.4 | 82.7 | 72.0 | 66.7 | 72.9 | 63.7 | 58.6 |
| October | 65.5 | 62.0 | 55.2 | 68.7 | 61.2 | 56.1 | 82.2 | 72.8 | 67.6 | 72.3 | 64.2 | 59.6 |
| November | 64.8 | 62.2 | 57.0 | 68.8 | 61.9 | 57.4 | 81.7 | 72.6 | 69.1 | 72.3 | 64.6 | 61.0 |
| December | 63.8 | 60.9 | 52.4 | 68.4 | 59.7 | 54.5 | 81.7 | 73.4 | 66.7 | 72.1 | 63.3 | 58.2 |
| **1988 Average** | **64.0** | **61.3** | **55.6** | **68.2** | **59.8** | **56.3** | **80.2** | **73.1** | **67.1** | **71.0** | **63.4** | **59.5** |
| **West Virginia** | | | | | | | | | | | | |
| January | 67.7 | 59.0 | 55.3 | 69.6 | 55.3 | 55.0 | 81.4 | 65.9 | 64.4 | 72.0 | 58.9 | 57.9 |
| February | 66.4 | 58.9 | 55.3 | 68.1 | 56.9 | 55.0 | 79.9 | 66.9 | 64.6 | 70.6 | 59.9 | 58.0 |
| March | 65.5 | 59.8 | 54.7 | 67.3 | 58.3 | 54.7 | 79.6 | 67.7 | 64.3 | 69.9 | 61.4 | 57.6 |
| April | 66.7 | 62.1 | 58.3 | 68.2 | 61.0 | 58.2 | 81.0 | 71.0 | 67.3 | 70.8 | 64.1 | 60.9 |
| May | 68.6 | 63.9 | 60.1 | 69.9 | 62.3 | 59.9 | 82.6 | 72.5 | 69.1 | 72.6 | 65.3 | 62.7 |
| June | 68.6 | 64.4 | 59.7 | 69.9 | 64.2 | 59.4 | 83.2 | 74.4 | 69.7 | 72.9 | 67.4 | 62.6 |
| July | 70.8 | 68.7 | 63.6 | 71.5 | 67.7 | 62.2 | 85.6 | 79.7 | 72.5 | 74.9 | 71.7 | 65.7 |
| August | 71.6 | 68.0 | 63.3 | 72.4 | 65.5 | 61.2 | 86.6 | 76.9 | 71.9 | 75.8 | 69.2 | 64.9 |
| September | 71.0 | 63.6 | 60.3 | 71.4 | 59.6 | 57.8 | 87.0 | 71.8 | 68.9 | 75.4 | 63.4 | 61.7 |
| October | 70.2 | 61.3 | 59.3 | 70.9 | 59.2 | 57.7 | 86.5 | 70.5 | 68.8 | 74.8 | 62.4 | 61.5 |
| November | 70.4 | 65.5 | 61.2 | 70.7 | 62.3 | 59.4 | 87.0 | 74.6 | 70.7 | 74.9 | 65.8 | 63.1 |
| December | 69.9 | 61.8 | 58.9 | 70.3 | 58.1 | 57.5 | 86.4 | 71.4 | 68.8 | 74.6 | 62.1 | 61.2 |
| **1988 Average** | **68.8** | **63.2** | **59.1** | **70.1** | **61.2** | **58.3** | **84.0** | **72.4** | **68.5** | **73.3** | **64.7** | **61.6** |
| **PAD District II Average** | | | | | | | | | | | | |
| January | 60.6 | 61.2 | 50.1 | 61.6 | 57.4 | 50.0 | 73.6 | 64.1 | 60.0 | 63.5 | 59.6 | 51.5 |
| February | 59.5 | 61.1 | 51.1 | 60.4 | 57.9 | 50.9 | 72.5 | 65.0 | 61.2 | 62.3 | 59.8 | 52.4 |
| March | 59.7 | 62.5 | 51.9 | 60.1 | 59.0 | 51.4 | 71.9 | 67.2 | 61.5 | 62.0 | 61.2 | 52.9 |
| April | 64.0 | 66.6 | 57.2 | 64.7 | 62.4 | 56.8 | 76.8 | 70.1 | 66.7 | 66.5 | 64.7 | 58.2 |
| May | 66.1 | 67.4 | 58.0 | 66.8 | 64.0 | 57.5 | 78.9 | 71.1 | 68.2 | 68.6 | 66.1 | 59.1 |
| June | 65.3 | 67.2 | 56.9 | 65.5 | 62.9 | 56.0 | 78.0 | 71.3 | 66.9 | 67.6 | 65.4 | 57.7 |
| July | 68.4 | 70.9 | 62.1 | 68.6 | 66.7 | 60.5 | 80.9 | 74.7 | 71.9 | 70.7 | 69.2 | 62.4 |
| August | 68.8 | 70.5 | 60.5 | 70.2 | 66.2 | 59.3 | 83.1 | 72.7 | 70.7 | 72.1 | 68.5 | 61.2 |
| September | 66.5 | 67.2 | 54.7 | 66.9 | 63.0 | 54.0 | 80.0 | 72.9 | 65.8 | 69.1 | 65.6 | 55.8 |
| October | 64.5 | 66.3 | 54.1 | 64.6 | 62.6 | 53.6 | 77.7 | 72.7 | 65.5 | 67.0 | 65.0 | 55.4 |
| November | 65.0 | 66.8 | 56.2 | 65.1 | 62.6 | 55.3 | 78.6 | 73.6 | 67.4 | 67.5 | 65.4 | 57.3 |
| December | 63.5 | 65.0 | 51.8 | 63.1 | 60.7 | 51.0 | 76.6 | 71.9 | 63.3 | 65.6 | 63.4 | 53.1 |
| **1988 Average** | **64.4** | **66.2** | **55.6** | **64.9** | **62.2** | **54.9** | **77.5** | **71.0** | **66.0** | **67.0** | **64.6** | **56.6** |

See footnotes at end of table.

## Table 28. Refiner/Reseller Motor Gasoline Prices by Grade (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Leaded Regular | | | Unleaded Regular | | | Premium | | | Motor Gasoline Average | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Illinois** | | | | | | | | | | | | |
| January | 62.1 | 60.8 | 50.7 | 62.9 | 56.5 | 52.3 | 75.9 | 65.6 | 63.1 | 65.4 | 58.9 | 54.2 |
| February | 61.9 | 61.1 | 51.5 | 62.4 | 57.7 | 52.8 | 75.3 | 66.6 | 64.6 | 65.1 | 60.0 | 54.6 |
| March | 60.8 | 61.5 | 52.1 | 60.8 | 57.1 | 52.6 | 74.0 | 68.5 | 63.7 | 63.7 | 59.8 | 54.5 |
| April | 64.5 | 66.3 | 57.3 | 64.2 | 63.5 | 57.5 | 77.7 | 70.6 | 67.9 | 67.1 | 65.4 | 59.2 |
| May | 66.0 | 67.3 | 57.9 | 66.2 | 64.3 | 58.0 | 79.3 | 73.0 | 69.6 | 68.7 | 66.5 | 60.0 |
| June | 65.6 | 67.5 | 56.9 | 65.8 | 62.7 | 56.8 | 78.9 | 73.3 | 69.4 | 68.5 | 65.5 | 59.1 |
| July | 68.3 | 70.0 | 62.7 | 68.4 | 64.9 | 61.3 | 81.6 | 73.9 | 74.3 | 71.2 | 67.7 | 63.9 |
| August | 71.0 | 71.0 | 62.0 | 71.2 | 66.6 | 61.5 | 84.8 | 73.7 | 74.8 | 73.9 | 69.1 | 64.0 |
| September | 68.9 | 67.6 | 55.0 | 68.4 | 61.9 | 55.8 | 82.4 | 71.4 | 69.9 | 71.5 | 65.1 | 58.3 |
| October | 66.9 | 66.2 | 53.7 | 66.8 | 62.4 | 55.5 | 80.4 | 72.8 | 69.2 | 69.8 | 64.9 | 57.7 |
| November | 67.1 | 65.8 | 56.6 | 66.3 | 62.6 | 56.6 | 80.0 | 71.9 | 70.4 | 69.3 | 64.8 | 59.2 |
| December | 65.0 | 63.2 | 51.7 | 63.9 | 59.7 | 52.1 | 77.5 | 71.9 | 65.7 | 67.1 | 62.0 | 54.7 |
| **1988 Average** | **65.5** | **65.8** | **55.8** | **65.7** | **61.6** | **56.1** | **79.0** | **71.2** | **68.7** | **68.5** | **64.2** | **58.4** |
| **Indiana** | | | | | | | | | | | | |
| January | 58.6 | 60.3 | 49.0 | 58.3 | 57.4 | 48.4 | 66.1 | 66.5 | 59.1 | 59.8 | 59.8 | 49.9 |
| February | 59.3 | 60.4 | 50.1 | 58.9 | 57.8 | 49.5 | 67.3 | 67.2 | 60.4 | 60.5 | 60.0 | 51.0 |
| March | 60.9 | 64.6 | 50.6 | 59.4 | 61.8 | 50.1 | 67.3 | 72.1 | 61.1 | 61.2 | 64.5 | 51.6 |
| April | 65.5 | 68.9 | 57.2 | 64.8 | 64.6 | 56.2 | 74.8 | 73.2 | 67.0 | 66.3 | 67.4 | 57.8 |
| May | 65.9 | 67.4 | 57.8 | 65.5 | 64.3 | 57.0 | 75.7 | 72.4 | 68.2 | 67.0 | 66.4 | 58.6 |
| June | 64.4 | 67.9 | 56.1 | 63.0 | 63.3 | 54.6 | 73.4 | 72.9 | 66.5 | 64.9 | 66.2 | 56.6 |
| July | 68.8 | 72.5 | 61.6 | 67.0 | 69.0 | 59.9 | 77.2 | 79.2 | 71.9 | 69.0 | 71.4 | 61.9 |
| August | 69.1 | 69.3 | 60.1 | 68.2 | 65.8 | 58.3 | 79.2 | 75.9 | 70.9 | 70.1 | 68.0 | 60.3 |
| September | 65.5 | 67.6 | 54.7 | 63.5 | 61.9 | 53.1 | 74.8 | 76.4 | 66.2 | 65.8 | 65.1 | 55.3 |
| October | 62.8 | 67.8 | 54.1 | 60.7 | 65.2 | 52.4 | 72.0 | 80.4 | 65.6 | 63.1 | 67.5 | 54.6 |
| November | 66.6 | 67.6 | 57.8 | 64.2 | 62.5 | 55.4 | 76.1 | 78.2 | 68.5 | 66.6 | 65.4 | 57.6 |
| December | 62.4 | 66.9 | 52.1 | 60.2 | 61.3 | 50.6 | 70.9 | 75.1 | 63.6 | 62.4 | 64.2 | 52.7 |
| **1988 Average** | **64.1** | **67.0** | **55.2** | **63.0** | **62.9** | **53.9** | **72.7** | **74.1** | **66.0** | **64.8** | **65.6** | **55.8** |
| **Iowa** | | | | | | | | | | | | |
| January | 61.5 | 62.3 | 49.3 | 62.9 | 64.6 | 49.3 | 71.0 | 67.0 | 59.6 | 63.2 | 63.4 | 50.1 |
| February | 60.9 | 61.8 | 51.2 | 62.3 | 62.1 | 51.0 | 69.9 | 69.7 | 61.0 | 62.5 | 62.2 | 51.8 |
| March | 61.2 | 64.0 | 52.1 | 61.9 | 64.1 | 51.9 | 69.7 | 69.2 | 61.8 | 62.3 | 64.3 | 52.7 |
| April | 66.7 | 66.9 | 57.5 | 67.8 | 65.6 | 57.3 | 75.9 | 68.2 | 67.6 | 68.1 | 66.4 | 58.1 |
| May | 68.8 | 70.0 | 58.4 | 69.7 | 69.4 | 58.0 | 77.6 | 71.5 | 69.4 | 70.0 | 69.9 | 59.0 |
| June | 68.5 | 68.6 | 56.7 | 69.5 | 69.1 | 56.0 | 76.6 | 70.4 | 67.4 | 69.8 | 68.8 | 57.2 |
| July | 70.4 | 70.7 | 61.6 | 70.6 | 71.1 | 60.7 | 78.4 | 72.4 | 71.2 | 71.3 | 70.9 | 61.8 |
| August | 71.5 | 71.5 | 60.2 | 72.2 | 70.5 | 59.6 | 80.5 | 76.0 | 71.5 | 72.8 | 71.3 | 60.8 |
| September | 65.2 | 67.9 | 54.6 | 66.4 | 69.6 | 54.0 | 75.9 | 78.8 | 65.7 | 66.7 | 68.9 | 55.0 |
| October | 63.6 | 66.2 | 53.8 | 65.4 | 67.1 | 53.2 | 74.8 | 77.5 | 64.5 | 65.6 | 66.8 | 54.3 |
| November | 63.1 | 67.0 | 56.1 | 64.0 | 64.7 | 55.1 | 73.0 | 77.6 | 66.0 | 64.4 | 66.1 | 56.3 |
| December | 64.6 | 64.0 | 51.5 | 66.3 | 67.9 | 50.9 | 75.1 | 76.3 | 63.3 | 66.6 | 66.6 | 52.0 |
| **1988 Average** | **65.5** | **66.9** | **55.4** | **66.6** | **67.4** | **54.8** | **75.1** | **72.0** | **66.0** | **66.9** | **67.3** | **55.9** |
| **Kansas** | | | | | | | | | | | | |
| January | 62.7 | 60.1 | 46.9 | 63.9 | 52.7 | 46.7 | 72.8 | 59.5 | 54.3 | 64.4 | 55.8 | 47.1 |
| February | 62.2 | 59.7 | 48.1 | 62.9 | 54.3 | 47.7 | 72.1 | 57.6 | 56.4 | 63.5 | 56.9 | 48.2 |
| March | 62.4 | 60.0 | 49.4 | 63.2 | 57.0 | 48.7 | 71.3 | 53.4 | 57.6 | 63.7 | 58.2 | 49.3 |
| April | 65.1 | 65.7 | 54.5 | 66.1 | 62.6 | 53.8 | 74.8 | 63.6 | 62.8 | 66.5 | 64.1 | 54.4 |
| May | 67.3 | 63.7 | 55.4 | 68.3 | 59.9 | 54.6 | 77.5 | 64.4 | 64.6 | 68.8 | 61.5 | 55.2 |
| June | 67.2 | 65.3 | 54.4 | 67.8 | 61.2 | 53.6 | 76.7 | 63.9 | 62.6 | 68.5 | 63.1 | 54.2 |
| July | 69.8 | 69.3 | 59.2 | 69.8 | 65.9 | 56.9 | 79.8 | 68.1 | 67.5 | 70.8 | 67.3 | 58.0 |
| August | 70.4 | 67.0 | 57.4 | 70.2 | 64.5 | 55.6 | 79.0 | 66.4 | 66.1 | 71.2 | 65.5 | 56.6 |
| September | 64.4 | 64.9 | 51.8 | 63.9 | 61.0 | 50.7 | 74.7 | NA | 59.7 | 65.1 | 63.5 | 51.6 |
| October | 62.0 | 64.6 | 51.0 | 61.9 | 62.5 | 49.6 | 72.1 | 65.3 | 59.2 | 62.9 | 63.6 | 50.5 |
| November | 63.2 | 64.5 | 52.3 | 63.1 | 63.6 | 51.6 | 73.2 | 59.6 | 60.9 | 64.2 | 63.8 | 52.3 |
| December | 62.2 | 62.3 | 48.0 | 61.7 | 59.3 | 47.2 | 72.7 | 55.3 | 57.1 | 63.0 | 60.3 | 48.0 |
| **1988 Average** | **64.8** | **64.2** | **52.7** | **65.0** | **60.5** | **51.8** | **74.7** | **63.0** | **60.9** | **65.9** | **62.2** | **52.5** |

See footnotes at end of table.

# Table 28. Refiner/Reseller Motor Gasoline Prices by Grade (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Leaded Regular | | | Unleaded Regular | | | Premium | | | Motor Gasoline Average | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Kentucky** | | | | | | | | | | | | |
| January | 58.7 | 57.1 | 52.1 | 59.8 | 56.1 | 52.2 | 71.6 | 61.5 | 60.3 | 62.1 | 57.3 | 53.8 |
| February | 58.7 | 57.3 | 53.2 | 59.3 | 58.5 | 53.0 | 71.0 | 61.6 | 61.3 | 61.8 | 58.5 | 54.8 |
| March | 59.8 | 57.4 | 53.8 | 60.8 | 57.1 | 53.6 | 72.1 | 62.5 | 61.9 | 63.0 | 58.0 | 55.3 |
| April | 64.8 | 62.6 | 59.2 | 65.9 | 61.7 | 58.8 | 78.4 | 68.4 | 67.8 | 68.1 | 63.1 | 60.7 |
| May | 69.2 | 64.4 | 60.9 | 70.5 | 63.1 | 60.6 | 82.3 | 69.4 | 69.6 | 72.6 | 64.6 | 62.5 |
| June | 67.7 | 65.0 | 60.0 | 68.9 | 62.7 | 58.8 | 81.3 | 69.4 | 68.7 | 71.3 | 64.8 | 61.2 |
| July | 68.3 | 68.4 | 64.6 | 69.2 | 65.7 | 63.3 | 82.1 | 74.1 | 73.0 | 71.9 | 68.1 | 65.8 |
| August | 70.2 | 66.4 | 61.6 | 70.9 | 63.4 | 60.2 | 85.0 | 71.9 | 70.2 | 73.7 | 65.9 | 62.8 |
| September | 67.2 | 63.6 | 56.0 | 68.1 | 61.1 | 54.3 | 82.0 | 73.4 | 64.8 | 70.9 | 64.6 | 57.0 |
| October | 64.0 | 63.5 | 56.9 | 64.9 | 60.8 | 55.1 | 78.7 | 73.5 | 65.7 | 67.8 | 64.7 | 57.9 |
| November | 66.6 | 65.0 | 59.4 | 66.9 | 61.9 | 57.4 | 80.7 | 75.6 | 68.7 | 69.9 | 66.0 | 60.4 |
| December | 65.5 | 62.1 | 55.7 | 65.5 | 59.2 | 53.8 | 79.9 | 72.0 | 65.4 | 68.9 | 63.0 | 56.9 |
| **1988 Average** | **65.0** | **62.9** | **57.9** | **66.1** | **61.0** | **56.9** | **78.8** | **71.0** | **66.7** | **68.6** | **63.6** | **59.3** |
| **Michigan** | | | | | | | | | | | | |
| January | 62.4 | 62.9 | 53.2 | 62.1 | 58.9 | 52.3 | 72.8 | 67.2 | 63.3 | 64.0 | 60.6 | 54.1 |
| February | 60.0 | 63.9 | 53.3 | 59.5 | 58.2 | 52.2 | 70.4 | 67.7 | 62.5 | 61.5 | 60.7 | 53.9 |
| March | 60.0 | 65.0 | 53.6 | 58.4 | NA | 52.3 | 68.8 | 67.7 | 62.4 | 60.5 | 62.2 | 54.1 |
| April | 64.0 | 68.1 | 58.8 | 62.7 | 61.6 | 57.9 | 73.2 | 71.0 | 68.0 | 64.6 | 64.5 | 59.5 |
| May | 67.3 | 68.7 | 60.1 | 65.9 | 63.5 | 59.0 | 76.8 | 75.4 | 69.9 | 67.9 | 66.3 | 60.8 |
| June | 66.5 | 67.9 | 58.8 | 63.9 | 61.8 | 57.0 | 75.6 | 72.9 | 68.2 | 66.4 | 64.5 | 59.0 |
| July | 70.8 | 71.5 | 63.7 | 67.8 | 65.2 | 61.4 | 78.7 | 75.1 | 72.9 | 70.1 | 68.3 | 63.5 |
| August | 71.6 | 73.1 | 64.2 | 69.2 | 65.7 | 61.9 | 81.4 | 74.4 | 74.2 | 71.6 | 68.9 | 64.1 |
| September | 69.0 | 67.0 | 57.3 | 66.3 | 61.0 | 56.0 | 78.5 | 70.5 | 68.0 | 68.9 | 64.0 | 58.3 |
| October | 66.9 | 68.7 | 56.8 | 64.3 | 60.3 | 55.5 | 75.9 | 68.1 | 67.1 | 66.8 | 63.6 | 57.8 |
| November | 67.3 | 69.6 | 60.6 | 65.0 | 62.5 | 58.8 | 77.6 | 72.1 | 70.5 | 67.5 | 65.7 | 61.1 |
| December | 65.5 | 66.8 | 55.3 | 63.1 | 59.9 | 54.1 | 75.6 | 72.9 | 66.7 | 65.6 | 63.0 | 56.5 |
| **1988 Average** | **65.9** | **68.0** | **58.3** | **64.3** | **61.6** | **56.8** | **75.7** | **71.4** | **68.1** | **66.5** | **64.5** | **58.9** |
| **Minnesota** | | | | | | | | | | | | |
| January | 66.5 | 66.2 | 51.2 | 68.1 | 60.8 | 51.5 | 74.6 | 66.8 | 59.3 | 68.6 | 64.1 | 52.2 |
| February | 64.4 | 65.8 | 52.1 | 65.7 | 61.8 | 51.8 | 72.4 | 60.9 | 59.7 | 66.2 | 63.8 | 52.6 |
| March | 64.2 | 64.9 | 53.6 | 64.8 | 62.5 | 53.1 | 71.1 | 62.8 | 60.2 | 65.3 | 63.9 | 53.8 |
| April | 65.9 | 68.0 | 59.1 | 66.8 | 65.8 | 58.3 | 74.5 | 68.7 | 65.9 | 67.4 | 67.2 | 59.2 |
| May | 69.0 | 70.8 | 59.2 | 70.1 | 67.1 | 58.9 | 78.2 | 70.8 | 67.1 | 70.7 | 69.4 | 59.7 |
| June | 68.4 | 70.4 | 58.2 | 70.2 | 66.7 | 57.8 | 78.9 | 68.7 | 66.2 | 70.8 | 68.9 | 58.7 |
| July | 71.9 | 74.6 | 63.3 | 72.1 | 69.0 | 62.4 | 81.1 | 78.1 | 71.5 | 73.2 | 73.0 | 63.4 |
| August | 73.5 | 75.4 | 62.5 | 73.8 | 70.9 | 61.4 | 84.0 | 77.3 | 70.9 | 74.9 | 73.8 | 62.5 |
| September | 70.9 | 69.7 | 56.7 | 71.6 | 65.7 | 56.6 | 82.4 | 75.6 | 66.4 | 72.9 | 68.1 | 57.6 |
| October | 69.5 | 67.8 | 55.9 | 69.6 | 62.6 | 55.4 | 80.5 | 72.1 | 65.3 | 71.1 | 65.6 | 56.6 |
| November | 68.9 | 68.5 | 56.2 | 68.5 | 60.2 | 55.2 | 79.1 | NA | 64.6 | 70.1 | 64.8 | 56.4 |
| December | 66.5 | 67.7 | 52.7 | 65.8 | 57.8 | 51.7 | 76.3 | 66.7 | 61.7 | 67.5 | 62.6 | 53.0 |
| **1988 Average** | **68.4** | **69.8** | **57.0** | **69.0** | **64.6** | **56.4** | **78.1** | **72.3** | **65.1** | **70.0** | **67.7** | **57.4** |
| **Missouri** | | | | | | | | | | | | |
| January | 61.3 | 60.8 | 48.5 | 63.8 | 54.6 | 49.3 | 75.4 | 63.1 | 59.4 | 65.1 | 57.8 | 50.3 |
| February | 59.3 | 60.2 | 49.9 | 61.4 | 55.3 | 50.5 | 73.8 | 66.6 | 60.2 | 63.0 | 58.2 | 51.6 |
| March | 58.1 | 63.4 | 51.1 | 60.2 | 59.0 | 51.1 | 71.8 | 68.8 | 60.4 | 61.6 | 61.4 | 52.3 |
| April | 61.9 | 68.3 | 56.6 | 63.7 | 61.1 | 56.3 | 74.5 | 73.0 | 65.5 | 65.0 | 64.9 | 57.5 |
| May | 63.7 | 68.0 | 56.7 | 65.2 | 65.6 | 56.5 | 76.4 | 74.3 | 65.8 | 66.9 | 67.1 | 57.7 |
| June | 62.8 | 66.9 | 55.9 | 64.0 | 62.4 | 55.4 | 76.6 | 73.3 | 64.3 | 66.2 | 65.4 | 56.8 |
| July | 65.4 | 69.3 | 61.1 | 66.4 | 64.3 | 59.8 | 78.6 | 76.1 | 69.1 | 68.3 | 67.9 | 61.4 |
| August | 66.6 | 68.9 | 58.0 | 67.1 | 66.3 | 57.4 | 79.5 | 75.9 | 67.3 | 69.1 | 68.3 | 59.0 |
| September | 61.5 | 66.0 | 53.2 | 62.6 | 63.2 | 52.8 | 76.6 | 65.5 | 64.1 | 64.7 | 64.9 | 54.4 |
| October | 61.3 | 66.1 | 52.9 | 61.6 | 62.2 | 52.3 | 75.2 | 63.6 | 62.8 | 63.9 | 64.6 | 53.9 |
| November | 61.1 | 65.7 | 54.8 | 61.4 | 61.4 | 54.0 | 75.4 | 66.7 | 64.6 | 63.8 | 63.8 | 55.7 |
| December | 59.5 | 66.8 | 50.2 | 59.8 | 61.1 | 49.7 | 74.4 | 64.3 | 61.1 | 62.4 | 64.2 | 51.4 |
| **1988 Average** | **62.0** | **65.9** | **54.4** | **63.2** | **61.1** | **54.0** | **75.8** | **70.8** | **64.0** | **65.1** | **64.0** | **55.4** |

See footnotes at end of table.

# Table 28. Refiner/Reseller Motor Gasoline Prices by Grade (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Leaded Regular | | | Unleaded Regular | | | Premium | | | Motor Gasoline Average | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Nebraska** | | | | | | | | | | | | |
| January | 61.8 | 63.4 | 48.7 | 60.8 | 59.8 | 48.1 | 62.0 | W | 57.1 | 61.2 | 61.9 | 48.8 |
| February | 60.9 | 64.0 | 50.4 | 61.6 | 60.1 | 49.9 | 65.6 | W | 59.5 | 61.7 | 62.4 | 50.6 |
| March | 60.8 | 62.2 | 51.1 | 62.5 | 59.4 | 50.7 | 65.5 | 62.6 | 60.5 | 62.2 | 61.0 | 51.3 |
| April | 63.9 | 65.2 | 56.7 | 65.8 | 60.9 | 56.2 | 71.0 | 68.3 | 66.7 | 65.6 | 63.4 | 56.8 |
| May | 64.9 | 63.6 | 57.1 | 66.3 | 60.8 | 56.6 | 72.2 | W | 67.9 | 66.3 | 62.5 | 57.3 |
| June | 65.0 | 65.1 | 56.5 | 65.7 | 60.2 | 55.7 | 70.6 | 68.5 | 66.2 | 65.8 | 63.0 | 56.5 |
| July | 66.8 | 68.2 | 61.2 | 68.8 | 65.3 | 60.2 | 75.1 | 74.3 | 70.1 | 68.8 | 66.7 | 61.0 |
| August | 68.4 | 67.7 | 58.8 | 69.4 | 64.0 | 58.1 | 77.2 | W | 70.6 | 69.6 | 66.1 | 59.0 |
| September | 68.2 | 65.0 | 53.5 | 68.2 | 61.1 | 52.7 | 74.3 | W | 64.2 | 68.6 | 63.4 | 53.5 |
| October | 65.6 | 64.0 | 52.4 | 65.6 | 59.5 | 51.7 | 71.3 | W | 62.6 | 66.0 | 62.2 | 52.4 |
| November | 64.8 | 63.7 | 54.6 | 65.3 | 60.5 | 53.6 | 73.2 | 67.8 | 64.5 | 65.7 | 62.1 | 54.4 |
| December | 62.6 | 61.3 | 50.4 | 63.5 | 58.1 | 49.3 | 69.3 | W | 60.9 | 63.7 | 59.7 | 50.2 |
| **1988 Average** | **64.5** | **64.7** | **54.6** | **65.5** | **61.2** | **53.8** | **70.5** | **68.4** | **64.5** | **65.6** | **63.1** | **54.5** |
| **North Dakota** | | | | | | | | | | | | |
| January | 66.8 | 69.2 | 50.9 | 67.0 | 65.1 | 50.9 | 74.8 | W | 63.1 | 67.1 | 67.2 | 51.4 |
| February | 65.7 | 67.3 | 51.8 | 66.1 | 64.8 | 51.7 | 71.4 | W | 61.3 | 66.0 | 66.1 | 52.9 |
| March | 66.5 | 67.8 | 53.5 | 66.9 | 65.3 | 53.2 | 73.5 | W | 63.1 | 66.8 | 66.6 | 54.2 |
| April | 68.6 | 71.5 | 58.6 | 69.5 | 69.4 | 58.5 | 75.8 | NA | 67.7 | 69.2 | 70.6 | 59.6 |
| May | 72.8 | 72.6 | 59.0 | 73.1 | 70.3 | 58.9 | 79.9 | W | 67.6 | 73.1 | 71.6 | 59.9 |
| June | 72.9 | 72.6 | 57.9 | 73.8 | 69.8 | 57.4 | 80.3 | NA | 66.3 | 73.5 | 71.4 | 58.5 |
| July | 73.2 | 73.9 | 63.5 | 73.1 | 72.4 | 62.8 | 81.5 | W | 72.1 | 73.3 | 73.4 | 64.1 |
| August | 75.0 | 77.4 | 61.7 | 75.4 | 74.3 | 60.9 | 85.2 | 82.7 | 68.6 | 75.4 | 76.1 | 62.0 |
| September | 71.4 | 73.8 | 57.3 | 72.0 | 70.1 | 56.5 | 83.4 | 82.0 | 66.4 | 72.0 | 72.4 | 57.6 |
| October | 69.6 | 71.4 | 56.4 | 69.4 | 68.6 | 55.4 | 78.6 | 72.9 | 65.5 | 69.7 | 70.0 | 56.6 |
| November | 71.9 | 71.6 | 56.9 | 71.5 | 66.6 | 55.8 | 79.4 | 74.5 | 64.3 | 71.9 | 68.9 | 56.9 |
| December | 70.3 | 71.1 | 53.6 | 70.1 | 67.3 | 52.4 | 78.6 | 77.7 | 61.8 | 70.5 | 69.2 | 53.6 |
| **1988 Average** | **70.7** | **72.2** | **57.2** | **70.8** | **68.8** | **56.4** | **79.1** | **76.7** | **66.2** | **71.0** | **70.7** | **57.6** |
| **Ohio** | | | | | | | | | | | | |
| January | 58.9 | 60.4 | 51.8 | 60.3 | 56.5 | 50.1 | 79.4 | 64.0 | 61.9 | 63.9 | 59.0 | 52.5 |
| February | 57.4 | 60.1 | 52.7 | 58.4 | 57.8 | 51.4 | 77.0 | 65.4 | 62.1 | 61.7 | 59.5 | 53.6 |
| March | 58.1 | 59.8 | 52.9 | 59.6 | 58.5 | 51.7 | 76.5 | 66.6 | 62.6 | 62.7 | 59.9 | 54.0 |
| April | 64.4 | 64.8 | 58.5 | 65.2 | 63.3 | 57.3 | 82.3 | 70.5 | 67.7 | 68.2 | 64.6 | 59.4 |
| May | 66.8 | 66.2 | 60.0 | 67.5 | 65.4 | 58.7 | 85.1 | 71.6 | 70.3 | 70.5 | 66.4 | 61.1 |
| June | 63.4 | 65.1 | 58.2 | 64.9 | 63.7 | 56.1 | 82.9 | 71.9 | 68.0 | 68.0 | 65.1 | 58.7 |
| July | 67.6 | 70.3 | 63.8 | 68.8 | 67.2 | 61.2 | 86.2 | 75.0 | 72.2 | 72.0 | 68.9 | 63.9 |
| August | NA | 68.1 | 62.0 | 70.9 | 65.9 | 59.1 | 88.8 | 72.6 | 69.7 | 72.6 | 67.5 | 61.7 |
| September | 68.0 | 65.5 | 56.1 | 68.1 | 61.2 | 54.1 | 85.9 | 74.1 | 67.2 | 71.6 | 65.2 | 57.0 |
| October | 65.3 | 64.2 | 56.1 | 65.2 | 60.7 | 54.7 | 83.4 | 72.5 | 67.5 | 68.8 | 64.1 | 57.4 |
| November | 66.0 | 66.5 | 59.2 | 66.1 | 62.8 | 56.7 | 84.0 | 74.3 | 69.6 | 69.6 | 66.6 | 59.6 |
| December | 64.0 | 63.0 | 54.7 | 63.2 | 58.5 | 51.5 | 81.9 | 71.9 | 63.8 | 67.1 | 62.7 | 54.7 |
| **1988 Average** | **63.2** | **64.2** | **57.3** | **65.0** | **61.9** | **55.3** | **82.8** | **72.0** | **67.0** | **68.1** | **64.3** | **57.9** |
| **Oklahoma** | | | | | | | | | | | | |
| January | 58.4 | 56.7 | 47.8 | 60.2 | 54.0 | 46.6 | 66.8 | 55.7 | 49.6 | 60.8 | 55.5 | 47.3 |
| February | 57.4 | 56.4 | 49.1 | 59.8 | 55.3 | 47.8 | 67.2 | 56.7 | 54.6 | 60.3 | 56.0 | 48.5 |
| March | 57.8 | 59.3 | 49.9 | 60.1 | 53.3 | 48.7 | 68.0 | 59.3 | 55.4 | 60.7 | 56.6 | 49.4 |
| April | 62.8 | 59.6 | 54.6 | 65.3 | 57.1 | 53.4 | 73.2 | 63.1 | 61.2 | 65.8 | 58.5 | 54.2 |
| May | 66.3 | 61.8 | 55.7 | 67.8 | 60.7 | 54.5 | 75.8 | 66.7 | 62.1 | 68.6 | 61.9 | 55.3 |
| June | 65.0 | 62.5 | 54.8 | 67.0 | 61.8 | 53.6 | 74.8 | NA | 61.5 | 67.9 | 62.6 | 54.4 |
| July | 66.3 | 64.8 | 58.9 | 68.7 | 62.6 | 55.9 | 77.1 | 68.0 | 65.2 | 69.5 | 64.0 | 57.2 |
| August | 67.9 | 65.1 | 57.7 | 69.7 | 61.9 | 54.9 | 78.4 | 68.8 | 63.5 | 70.7 | 63.6 | 56.1 |
| September | 65.9 | 60.0 | 52.6 | 67.1 | 58.4 | 50.5 | 73.8 | 59.1 | 58.5 | 67.8 | 59.0 | 51.6 |
| October | 62.9 | 56.5 | 51.1 | 64.1 | 55.2 | 49.2 | 71.3 | 57.4 | 57.9 | 64.9 | 55.8 | 50.4 |
| November | 62.9 | 57.6 | 53.5 | 64.4 | 55.7 | 51.8 | 72.6 | 59.6 | 59.9 | 65.2 | 56.7 | 52.8 |
| December | 62.6 | 57.2 | 49.9 | 62.9 | 55.3 | 47.3 | 70.6 | 56.9 | 55.9 | 64.0 | 56.1 | 48.6 |
| **1988 Average** | **63.1** | **60.2** | **53.1** | **64.8** | **58.0** | **51.4** | **72.6** | **62.8** | **58.5** | **65.6** | **59.3** | **52.4** |

See footnotes at end of table.

## Table 28. Refiner/Reseller Motor Gasoline Prices by Grade (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Leaded Regular | | | Unleaded Regular | | | Premium | | | Motor Gasoline Average | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **South Dakota** | | | | | | | | | | | | |
| January | 64.1 | 61.3 | 50.2 | 64.7 | 62.7 | 49.4 | 71.3 | 71.0 | 59.6 | 64.5 | 62.1 | 50.1 |
| February | 61.9 | 63.3 | 50.6 | 62.7 | 63.6 | 50.1 | 72.5 | W | 59.8 | 62.5 | 63.5 | 50.6 |
| March | 63.6 | NA | 52.3 | 63.9 | 64.5 | 51.6 | 71.6 | 67.8 | 61.2 | 63.8 | 65.1 | 52.2 |
| April | 66.8 | 70.9 | 57.3 | 66.7 | 66.6 | 56.7 | 72.5 | 72.6 | 66.3 | 66.8 | 68.3 | 57.3 |
| May | 67.5 | NA | 59.4 | 67.7 | 68.5 | 58.8 | 77.2 | 76.2 | 69.4 | 67.8 | 69.7 | 59.4 |
| June | 68.9 | 70.3 | 58.0 | 68.5 | 67.3 | 57.5 | 79.1 | 69.1 | 70.0 | 69.0 | 68.7 | 58.2 |
| July | 71.2 | 70.0 | 61.5 | 71.2 | 69.9 | 60.8 | 80.5 | 72.6 | 71.7 | 71.5 | 70.0 | 61.5 |
| August | 73.1 | 72.5 | 62.9 | 71.2 | 69.0 | 61.6 | 81.3 | 75.2 | 73.9 | 72.2 | 70.5 | 62.6 |
| September | 70.2 | 72.0 | 58.6 | 70.3 | 69.7 | 56.8 | 86.2 | 79.7 | 68.5 | 70.5 | 70.6 | 57.9 |
| October | 67.9 | 69.3 | 55.7 | 68.6 | 67.3 | 54.3 | 82.0 | 80.6 | 64.6 | 68.5 | 68.2 | 55.3 |
| November | 66.0 | 69.6 | 56.5 | 67.7 | 66.1 | 54.7 | 78.5 | 76.9 | 64.4 | 67.3 | 68.0 | 55.7 |
| December | 66.0 | 69.7 | 53.3 | 66.5 | 67.2 | 51.6 | 79.8 | 72.6 | 62.0 | 66.5 | 68.4 | 52.5 |
| **1988 Average** | **67.7** | **69.2** | **56.7** | **67.8** | **67.2** | **55.8** | **79.2** | **76.1** | **66.8** | **68.0** | **68.2** | **56.6** |
| **Tennessee** | | | | | | | | | | | | |
| January | 55.6 | 51.4 | 50.2 | 59.9 | 52.2 | 49.9 | 72.6 | 61.2 | 59.3 | 62.3 | 54.6 | 52.3 |
| February | 55.2 | 52.7 | 51.0 | 58.6 | 53.1 | 50.9 | 71.7 | 62.7 | 59.7 | 60.9 | 55.5 | 53.0 |
| March | 55.2 | 55.9 | 51.6 | 58.0 | 54.7 | 50.9 | 72.1 | 64.9 | 60.3 | 60.6 | 57.8 | 53.4 |
| April | 59.3 | 59.2 | 56.6 | 63.5 | 59.1 | 56.7 | 76.2 | 68.6 | 66.0 | 65.4 | 61.5 | 59.0 |
| May | 60.5 | 59.2 | 57.3 | 65.1 | 59.3 | 57.2 | 77.4 | 68.5 | 66.7 | 66.9 | 61.9 | 59.6 |
| June | 60.9 | 60.8 | 56.8 | 65.6 | 60.3 | 56.4 | 78.3 | 69.9 | 66.2 | 67.7 | 63.3 | 59.0 |
| July | 64.3 | 64.4 | 61.5 | 68.6 | 65.1 | 60.6 | 80.5 | 74.6 | 71.0 | 70.7 | 67.7 | 63.5 |
| August | 66.2 | 61.4 | 57.7 | 70.2 | 60.7 | 56.6 | 82.3 | 68.4 | 67.8 | 72.4 | 63.2 | 59.7 |
| September | 64.2 | 62.5 | 52.8 | 68.2 | 58.6 | 51.1 | 80.5 | 66.5 | 61.8 | 70.3 | 61.5 | 54.1 |
| October | 62.6 | 62.0 | 53.1 | 65.5 | 57.8 | 52.0 | 78.8 | 68.7 | 62.9 | 68.3 | 61.6 | 54.9 |
| November | 62.1 | 63.3 | 55.1 | 64.5 | 59.2 | 53.8 | 78.7 | 70.1 | 64.9 | 67.7 | 62.8 | 56.8 |
| December | 61.5 | 61.6 | 51.2 | 63.8 | 57.3 | 49.9 | 77.7 | 68.7 | 61.1 | 67.1 | 61.1 | 53.0 |
| **1988 Average** | **60.8** | **58.9** | **54.6** | **64.6** | **58.1** | **54.1** | **77.6** | **67.6** | **64.2** | **67.0** | **60.9** | **56.7** |
| **Wisconsin** | | | | | | | | | | | | |
| January | 61.2 | 64.5 | 51.2 | 60.8 | 58.2 | 49.9 | 69.8 | 70.6 | 57.4 | 62.2 | 62.2 | 51.3 |
| February | 61.3 | 63.4 | 51.8 | 60.8 | 57.7 | 51.6 | 69.5 | 67.3 | 60.2 | 62.2 | 61.0 | 52.9 |
| March | 59.9 | 62.5 | 52.4 | 58.8 | 56.1 | 52.0 | 68.0 | 65.8 | 60.8 | 60.3 | 60.1 | 53.2 |
| April | 65.6 | 69.2 | 57.7 | 64.9 | 60.2 | 57.1 | 74.7 | 73.4 | 65.8 | 66.4 | 64.3 | 58.3 |
| May | 66.0 | 69.0 | 57.9 | 65.4 | 61.1 | 57.0 | 75.0 | 72.3 | 66.4 | 66.9 | 65.7 | 58.4 |
| June | 65.8 | 68.8 | 56.7 | 64.8 | 59.2 | 54.9 | 74.4 | 72.1 | 64.8 | 66.4 | 64.6 | 56.6 |
| July | 70.2 | 74.6 | 64.7 | 69.0 | 67.9 | 62.6 | 79.8 | 79.5 | 73.4 | 70.8 | 71.7 | 64.4 |
| August | 72.6 | 74.4 | 63.5 | 70.9 | 67.3 | 62.0 | 81.7 | 80.6 | 73.4 | 72.8 | 71.2 | 63.8 |
| September | 67.2 | 68.5 | 56.1 | 66.0 | 66.0 | 55.0 | 75.7 | 77.9 | 65.2 | 67.7 | 67.5 | 56.5 |
| October | 65.0 | 67.5 | 55.6 | 63.5 | 64.9 | 54.4 | 73.2 | 75.7 | 64.7 | 65.4 | 66.5 | 55.9 |
| November | 66.2 | 67.2 | 57.1 | 64.6 | 65.5 | 55.4 | 75.5 | 75.6 | 67.1 | 66.7 | 66.7 | 57.2 |
| December | 63.5 | 64.7 | 51.9 | 61.1 | 63.9 | 51.0 | 72.4 | 76.7 | 61.8 | 63.6 | 64.9 | 52.7 |
| **1988 Average** | **65.4** | **67.9** | **56.6** | **64.4** | **62.2** | **55.5** | **74.3** | **74.2** | **65.3** | **66.1** | **65.5** | **57.0** |
| **PAD District III Average** | | | | | | | | | | | | |
| January | 60.3 | 57.7 | 49.7 | 64.0 | 55.9 | 47.0 | 75.4 | 68.8 | 57.5 | 65.7 | 59.0 | 49.3 |
| February | 58.9 | 57.0 | 50.7 | 62.5 | 55.1 | 48.1 | 73.4 | 67.6 | 57.8 | 64.0 | 57.9 | 50.3 |
| March | 58.4 | 58.2 | 51.2 | 61.4 | 55.8 | 48.6 | 73.1 | 65.7 | 57.4 | 63.3 | 58.8 | 50.7 |
| April | 61.7 | 62.4 | 55.9 | 63.8 | 57.2 | 52.0 | 75.2 | 70.8 | 62.1 | 65.8 | 61.2 | 54.5 |
| May | 63.1 | 63.6 | 56.8 | 66.1 | 59.9 | 54.1 | 77.2 | 72.0 | 63.3 | 67.9 | 63.2 | 56.4 |
| June | 63.0 | 63.9 | 56.6 | 66.0 | 61.0 | 53.4 | 77.1 | 73.3 | 63.7 | 67.8 | 64.4 | 56.0 |
| July | 65.7 | 66.7 | 60.1 | 67.9 | 62.6 | 56.1 | 79.3 | 75.8 | 67.9 | 70.0 | 66.6 | 58.8 |
| August | 67.1 | 66.0 | 58.3 | 69.6 | 63.0 | 54.0 | 80.9 | 75.0 | 66.0 | 71.6 | 66.5 | 56.9 |
| September | 66.1 | 63.1 | 54.4 | 68.1 | 57.7 | 50.3 | 80.2 | 70.3 | 62.3 | 70.6 | 61.4 | 53.2 |
| October | 64.5 | 64.4 | 54.3 | 66.6 | 56.5 | 49.6 | 78.8 | 70.0 | 62.8 | 69.3 | 60.9 | 52.6 |
| November | 63.3 | 62.7 | 55.4 | 65.3 | 59.9 | 51.4 | 77.8 | 69.8 | 64.4 | 68.0 | 63.0 | 54.3 |
| December | 62.4 | 59.1 | 51.4 | 64.4 | 56.9 | 47.9 | 77.0 | 66.6 | 60.5 | 67.1 | 59.8 | 50.9 |
| **1988 Average** | **62.7** | **61.9** | **54.6** | **65.5** | **58.5** | **51.2** | **77.1** | **70.6** | **62.3** | **67.6** | **61.9** | **53.8** |

See footnotes at end of table.

# Table 28. Refiner/Reseller Motor Gasoline Prices by Grade (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Leaded Regular | | | Unleaded Regular | | | Premium | | | Motor Gasoline Average | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Alabama** | | | | | | | | | | | | |
| January | 60.0 | 60.8 | 50.6 | 63.8 | 61.4 | 48.7 | 72.5 | 70.5 | 58.9 | 64.8 | 62.8 | 51.6 |
| February | 58.6 | 61.1 | 51.4 | 62.4 | 61.5 | 50.1 | 72.1 | 68.1 | 59.1 | 63.3 | 62.4 | 52.7 |
| March | 58.5 | 60.2 | 52.4 | 61.8 | 60.4 | 50.4 | 71.2 | 70.1 | 60.2 | 62.8 | 62.4 | 53.2 |
| April | 61.6 | 64.2 | 57.5 | 65.6 | 63.8 | 55.7 | 75.7 | 77.8 | 65.3 | 66.6 | 66.3 | 58.5 |
| May | 63.9 | 64.2 | 57.7 | 67.8 | 65.1 | 55.9 | 77.4 | 76.1 | 65.2 | 68.8 | 66.9 | 58.7 |
| June | 63.2 | 65.2 | 57.6 | 67.5 | 65.7 | 55.0 | 77.4 | 77.3 | 66.0 | 68.6 | 67.8 | 58.3 |
| July | 66.5 | 65.4 | 60.5 | 69.8 | 66.4 | 58.5 | 80.3 | 78.1 | 70.3 | 71.3 | 68.7 | 61.7 |
| August | 66.3 | 64.2 | 57.6 | 69.8 | 64.9 | 55.2 | 80.7 | 74.8 | 67.0 | 71.2 | 66.8 | 58.6 |
| September | 65.8 | 60.1 | 54.0 | 68.1 | 58.6 | 50.7 | 78.2 | 71.5 | 62.4 | 70.1 | 61.7 | 54.0 |
| October | 64.2 | 60.0 | 55.5 | 66.1 | 58.8 | 51.9 | 77.3 | 72.8 | 63.9 | 68.5 | 63.2 | 55.2 |
| November | 62.6 | 59.4 | 57.6 | 64.7 | 60.3 | 54.1 | 76.0 | 75.9 | 66.5 | 67.0 | 64.0 | 57.5 |
| December | 62.7 | 61.0 | 53.0 | 65.7 | 58.1 | 49.7 | 76.4 | 71.8 | 62.4 | 67.6 | 62.5 | 53.2 |
| **1988 Average** | **62.6** | **62.6** | **55.5** | **66.1** | **62.3** | **53.1** | **76.3** | **74.0** | **64.1** | **67.5** | **64.9** | **56.2** |
| **Arkansas** | | | | | | | | | | | | |
| January | 56.8 | 58.3 | 48.9 | 60.5 | 56.9 | 47.9 | 71.8 | 64.8 | 55.7 | 61.3 | 59.2 | 49.6 |
| February | 56.4 | 58.3 | 50.1 | 59.9 | 57.6 | 49.3 | 69.5 | 63.8 | 57.3 | 60.4 | 59.4 | 50.9 |
| March | 57.8 | 58.7 | 51.6 | 61.8 | 60.4 | 50.4 | 72.5 | 64.8 | 58.2 | 62.7 | 60.7 | 52.2 |
| April | 61.3 | 65.0 | 56.8 | 64.9 | 64.6 | 55.5 | 74.6 | 71.2 | 63.4 | 65.1 | 66.4 | 57.3 |
| May | 62.3 | 63.9 | 57.2 | 65.9 | 62.7 | 56.0 | 74.9 | 69.0 | 64.0 | 66.6 | 64.8 | 57.9 |
| June | 63.4 | 62.9 | 55.8 | 66.3 | 60.5 | 54.6 | 76.4 | 68.3 | 63.3 | 67.4 | 63.4 | 56.6 |
| July | 65.1 | 67.6 | 61.0 | 67.6 | 64.6 | 59.1 | 77.6 | 73.9 | 67.9 | 68.5 | 68.2 | 61.4 |
| August | 66.7 | 66.7 | 58.9 | 68.4 | 64.4 | 56.7 | 78.0 | 71.9 | 66.1 | 69.9 | 67.2 | 59.1 |
| September | 62.8 | 65.1 | 54.5 | 65.1 | 63.0 | 52.3 | 75.0 | 72.2 | 62.6 | 66.2 | 65.4 | 55.0 |
| October | 61.1 | 63.5 | 53.9 | 63.1 | 62.7 | 51.6 | 73.6 | 71.9 | 62.2 | 64.5 | 65.1 | 54.3 |
| November | 60.9 | 61.1 | 55.3 | 62.7 | 63.4 | 53.1 | 74.0 | 72.3 | 64.6 | 64.4 | 64.6 | 55.9 |
| December | 58.2 | 63.5 | 52.3 | 60.0 | 59.5 | 50.1 | 72.0 | 68.8 | 61.2 | 61.9 | 63.0 | 53.1 |
| **1988 Average** | **61.3** | **62.9** | **54.7** | **64.0** | **61.9** | **53.2** | **74.4** | **69.3** | **62.5** | **65.1** | **64.0** | **55.4** |
| **Louisiana** | | | | | | | | | | | | |
| January | 57.6 | 58.2 | 49.8 | 61.0 | 63.8 | 48.0 | 73.9 | 75.1 | 59.3 | 63.9 | 67.4 | 51.4 |
| February | 56.2 | 56.7 | 51.1 | 59.7 | 58.5 | 48.0 | 71.6 | 73.5 | 58.4 | 62.2 | 63.1 | 51.1 |
| March | 55.2 | 57.1 | 50.3 | 58.2 | 56.7 | 48.1 | 71.8 | 67.6 | 59.8 | 61.4 | 61.5 | 51.3 |
| April | 58.0 | 61.7 | 56.1 | 60.8 | 62.3 | 51.3 | 74.5 | 76.4 | 64.4 | 63.9 | 67.5 | 55.1 |
| May | 60.6 | NA | 56.7 | 63.2 | NA | 54.4 | 76.3 | 75.1 | 64.4 | 66.3 | NA | 57.5 |
| June | 60.2 | 62.8 | 55.9 | 63.1 | 64.0 | 53.3 | 76.4 | 75.9 | 65.7 | 66.2 | 68.4 | 56.5 |
| July | 62.6 | 65.8 | 59.9 | 65.5 | 64.9 | 55.7 | 78.5 | 78.2 | 69.0 | 68.6 | 70.3 | 59.7 |
| August | 65.6 | 62.9 | 57.3 | 68.2 | 62.8 | 55.0 | 80.4 | 78.0 | 66.3 | 71.1 | 68.0 | 58.6 |
| September | 63.8 | 58.1 | 54.4 | 66.6 | 59.3 | 51.3 | 79.0 | 70.8 | 63.4 | 69.4 | 62.4 | 55.0 |
| October | 64.0 | 62.7 | 54.3 | 66.6 | 55.5 | 52.1 | 79.0 | 68.7 | 64.8 | 69.4 | 61.0 | 55.7 |
| November | 62.4 | 58.1 | 55.0 | 65.5 | 57.4 | 52.8 | 78.0 | 65.2 | 65.6 | 68.3 | 60.2 | 56.7 |
| December | 63.7 | NA | 50.5 | 65.5 | 54.3 | 48.4 | 76.6 | 63.5 | 61.2 | 68.2 | 57.8 | 52.2 |
| **1988 Average** | **60.8** | **60.4** | **54.4** | **63.7** | **60.4** | **51.7** | **76.4** | **72.7** | **63.7** | **66.6** | **64.9** | **55.2** |
| **Mississippi** | | | | | | | | | | | | |
| January | 61.5 | 61.6 | 49.3 | 65.8 | 56.3 | 46.8 | 75.0 | 69.3 | 57.7 | 66.7 | 60.1 | 49.3 |
| February | 60.6 | 60.7 | 51.0 | 64.9 | 52.8 | 47.8 | 74.2 | 70.0 | 58.6 | 65.8 | 57.7 | 50.3 |
| March | 61.5 | 62.4 | 50.6 | 65.8 | 51.0 | 48.2 | 75.0 | 71.7 | 57.8 | 66.7 | 54.2 | 50.4 |
| April | 64.7 | 65.2 | 55.3 | 68.0 | 52.2 | 52.0 | 77.4 | 74.1 | 64.1 | 69.3 | 55.9 | 54.5 |
| May | 64.0 | 67.1 | 56.5 | 68.4 | 52.7 | 54.1 | 78.8 | 74.7 | 65.3 | 69.7 | 55.5 | 56.5 |
| June | 63.9 | 61.4 | 56.2 | 67.4 | 54.4 | 52.2 | 76.9 | 75.0 | 64.5 | 68.9 | 57.8 | 55.1 |
| July | 66.1 | 71.3 | 60.6 | 69.5 | 57.9 | 56.4 | 80.1 | 79.3 | 68.7 | 71.4 | 64.1 | 59.8 |
| August | 68.2 | 67.7 | 57.1 | 72.0 | 64.8 | 53.8 | 81.9 | 76.1 | 65.4 | 73.5 | 68.4 | 57.1 |
| September | 67.7 | 66.2 | 52.6 | 69.7 | 53.5 | 50.2 | 82.1 | 76.5 | 62.9 | 72.5 | 58.1 | 53.2 |
| October | 65.7 | 65.6 | 54.0 | 68.8 | 66.3 | 50.4 | 79.7 | 71.0 | 63.3 | 71.7 | 67.0 | 53.8 |
| November | 65.7 | 69.6 | 55.7 | 67.5 | 69.7 | 51.8 | 80.2 | 76.2 | 65.1 | 70.5 | 70.9 | 55.1 |
| December | 65.3 | 54.5 | 52.1 | 66.7 | 66.4 | 47.3 | 80.3 | 74.0 | 60.7 | 70.2 | 61.6 | 50.4 |
| **1988 Average** | **64.5** | **63.4** | **54.1** | **67.9** | **55.5** | **50.8** | **78.8** | **74.1** | **63.0** | **69.9** | **59.6** | **53.7** |

See footnotes at end of table.

# Table 28. Refiner/Reseller Motor Gasoline Prices by Grade (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Leaded Regular | | | Unleaded Regular | | | Premium | | | Motor Gasoline Average | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **New Mexico** | | | | | | | | | | | | |
| January | 69.3 | 65.6 | 55.3 | 71.5 | 65.4 | 55.7 | 81.8 | 66.3 | 62.9 | 71.5 | 65.6 | 56.0 |
| February | 66.4 | 64.5 | 54.3 | 68.7 | 62.1 | 54.7 | 78.1 | 64.6 | 62.0 | 68.7 | 63.3 | 55.0 |
| March | 65.4 | 66.8 | 54.9 | 67.3 | 64.9 | 55.7 | 77.5 | 67.3 | 62.7 | 67.5 | 66.0 | 55.8 |
| April | 66.9 | 67.9 | 58.3 | 69.0 | 68.3 | 58.6 | 78.9 | 68.4 | 65.6 | 69.1 | 68.1 | 59.0 |
| May | 68.8 | 68.4 | 59.7 | 70.9 | 68.3 | 60.0 | 80.9 | 68.8 | 67.3 | 71.0 | 68.4 | 60.4 |
| June | 69.5 | 68.5 | 60.9 | 71.7 | 68.8 | 60.9 | 81.2 | 69.7 | 68.4 | 71.8 | 68.8 | 61.5 |
| July | 70.5 | 71.1 | 62.1 | 72.4 | 71.0 | 62.2 | 81.8 | 70.9 | 69.8 | 72.7 | 71.0 | 62.8 |
| August | 72.6 | 71.4 | 63.2 | 74.8 | 71.8 | 63.3 | 83.4 | 71.8 | 71.1 | 74.9 | 71.6 | 63.9 |
| September | 72.5 | 73.0 | 63.1 | 75.9 | 72.3 | 63.0 | 85.0 | 72.5 | 71.7 | 75.5 | 72.7 | 63.8 |
| October | 71.4 | 72.0 | 58.4 | 74.9 | 66.0 | 58.5 | 83.8 | 68.4 | 67.5 | 74.5 | 68.6 | 59.1 |
| November | 70.1 | 69.7 | 57.8 | 73.7 | 66.7 | 57.7 | 81.7 | 69.4 | 66.5 | 73.2 | 68.1 | 58.4 |
| December | 68.8 | 69.4 | 57.6 | 71.9 | 67.3 | 57.0 | 81.0 | 66.6 | 66.3 | 71.7 | 68.2 | 58.0 |
| **1988 Average** | **69.3** | **68.9** | **58.9** | **71.9** | **67.8** | **59.1** | **81.3** | **69.1** | **67.2** | **71.8** | **68.4** | **59.6** |
| **Texas** | | | | | | | | | | | | |
| January | 59.9 | 55.9 | 49.1 | 64.0 | 52.1 | 46.2 | 76.2 | 62.5 | 56.7 | 65.9 | 54.8 | 48.1 |
| February | 58.6 | 55.3 | 50.1 | 62.5 | 53.5 | 47.4 | 73.9 | 62.8 | 57.1 | 64.1 | 55.3 | 49.3 |
| March | 57.8 | 56.9 | 50.6 | 61.0 | 55.7 | 48.0 | 73.3 | 61.8 | 55.9 | 63.0 | 57.2 | 49.8 |
| April | 61.4 | 60.6 | 55.1 | 63.2 | 55.8 | 51.0 | 75.0 | 64.5 | 60.3 | 65.4 | 58.4 | 53.2 |
| May | 62.6 | 62.7 | 56.3 | 65.7 | 61.1 | 53.3 | 77.3 | 67.8 | 62.1 | 67.7 | 62.8 | 55.3 |
| June | 62.5 | 64.1 | 56.3 | 65.6 | 61.3 | 53.0 | 77.1 | 70.4 | 62.6 | 67.6 | 63.7 | 55.2 |
| July | 65.4 | 65.9 | 59.6 | 67.6 | 61.6 | 55.2 | 79.3 | 72.6 | 66.7 | 69.8 | 64.4 | 57.6 |
| August | 66.8 | 66.0 | 58.1 | 69.3 | 62.0 | 53.0 | 81.1 | 72.8 | 65.5 | 71.5 | 64.9 | 55.6 |
| September | 66.0 | 63.4 | 53.6 | 67.8 | 56.9 | 49.2 | 80.7 | 68.3 | 61.5 | 70.6 | 60.4 | 51.8 |
| October | 64.0 | 64.1 | 53.6 | 65.9 | 54.6 | 48.3 | 79.0 | 70.2 | 61.8 | 68.9 | 58.7 | 51.0 |
| November | 62.5 | 62.1 | 54.6 | 64.5 | 58.3 | 50.2 | 77.7 | 71.0 | 63.1 | 67.5 | 61.9 | 52.8 |
| December | 61.2 | 60.4 | 50.2 | 63.4 | 55.3 | 47.0 | 76.7 | 66.4 | 59.3 | 66.4 | 58.9 | 49.5 |
| **1988 Average** | **62.2** | **60.9** | **53.9** | **65.1** | **57.2** | **50.3** | **77.2** | **67.5** | **61.1** | **67.3** | **60.0** | **52.6** |
| **PAD District IV Average** | | | | | | | | | | | | |
| January | 64.2 | 66.9 | 53.4 | 65.1 | 64.3 | 52.9 | 73.2 | 69.5 | 60.0 | 65.7 | 66.0 | 53.7 |
| February | 61.6 | 64.9 | 51.9 | 62.7 | 62.9 | 51.6 | 71.5 | 67.3 | 58.8 | 63.3 | 64.1 | 52.3 |
| March | 60.5 | 64.7 | 52.1 | 61.6 | 63.8 | 51.6 | 70.6 | 68.7 | 58.8 | 62.2 | 64.5 | 52.4 |
| April | 64.0 | 66.7 | 56.5 | 65.3 | 64.8 | 56.2 | 73.4 | 69.7 | 63.5 | 65.7 | 66.1 | 56.9 |
| May | 66.5 | 67.7 | 58.5 | 68.7 | 65.6 | 58.1 | 77.6 | 71.8 | 65.7 | 68.9 | 67.0 | 58.9 |
| June | 66.7 | 68.9 | 58.4 | 68.5 | 66.2 | 57.8 | 77.8 | 72.4 | 65.3 | 68.9 | 67.9 | 58.8 |
| July | 67.5 | 71.5 | 60.9 | 69.7 | 69.2 | 60.2 | 78.9 | 74.4 | 67.7 | 70.0 | 70.7 | 61.2 |
| August | 69.9 | 73.4 | 64.0 | 72.3 | 70.9 | 63.1 | 81.4 | 77.4 | 70.8 | 72.6 | 72.6 | 64.2 |
| September | 69.1 | 72.0 | 62.3 | 70.8 | 68.9 | 61.4 | 80.0 | 76.0 | 68.4 | 71.3 | 71.0 | 62.5 |
| October | 67.2 | 70.1 | 59.1 | 69.4 | 67.7 | 58.3 | 78.4 | 74.6 | 66.1 | 69.7 | 69.3 | 59.4 |
| November | 64.5 | 67.2 | 54.1 | 65.5 | 64.9 | 53.0 | 74.3 | 71.5 | 60.6 | 66.3 | 66.4 | 54.2 |
| December | 61.1 | 65.6 | 51.1 | 62.5 | 63.2 | 50.1 | 71.0 | 68.3 | 57.6 | 63.3 | 64.5 | 51.2 |
| **1988 Average** | **65.4** | **68.5** | **57.3** | **67.0** | **66.1** | **56.5** | **75.9** | **72.1** | **64.1** | **67.5** | **67.7** | **57.6** |
| **Colorado** | | | | | | | | | | | | |
| January | 59.7 | 69.1 | 52.0 | 62.0 | 65.0 | 51.4 | 71.0 | 63.5 | 58.9 | 62.4 | 67.1 | 52.4 |
| February | 58.0 | 67.7 | 52.0 | 60.0 | 65.4 | 51.6 | 69.7 | 63.0 | 58.9 | 60.6 | 66.6 | 52.5 |
| March | 57.6 | 68.0 | 52.0 | 59.8 | 67.9 | 51.3 | 69.5 | 66.3 | 58.7 | 60.3 | 67.9 | 52.3 |
| April | 63.1 | 68.3 | 57.3 | 65.2 | 66.6 | 56.8 | 73.6 | 67.2 | 64.3 | 65.6 | 67.5 | 57.7 |
| May | 65.8 | 68.6 | 58.4 | 68.8 | 65.9 | 57.9 | 78.0 | 70.4 | 66.0 | 68.9 | 67.5 | 58.9 |
| June | 64.4 | 69.3 | 57.2 | 67.1 | 65.4 | 56.6 | 76.8 | 71.6 | 64.5 | 67.5 | 67.7 | 57.7 |
| July | 65.2 | 73.0 | 61.2 | 68.7 | 69.2 | 60.1 | 78.5 | 70.7 | 67.7 | 68.9 | 71.3 | 61.3 |
| August | 67.1 | 73.9 | 62.7 | 71.0 | 70.6 | 61.4 | 80.7 | 74.8 | 69.5 | 71.1 | 72.6 | 62.8 |
| September | 64.5 | 71.2 | 59.6 | 67.5 | 66.1 | 58.5 | 78.0 | 67.7 | 66.6 | 68.0 | 68.6 | 59.9 |
| October | 63.5 | 70.1 | 58.0 | 67.2 | 65.8 | 57.2 | 77.1 | 66.7 | 65.7 | 67.4 | 67.6 | 58.6 |
| November | 62.2 | 67.1 | 52.5 | 63.9 | 62.9 | 51.0 | 73.6 | 65.8 | 59.8 | 64.8 | 64.9 | 52.6 |
| December | 58.0 | 66.7 | 49.7 | 60.7 | 59.0 | 48.5 | 70.2 | 58.2 | 56.8 | 61.4 | 61.6 | 50.0 |
| **1988 Average** | **62.6** | **69.7** | **56.5** | **65.3** | **66.0** | **55.5** | **74.9** | **68.0** | **63.4** | **65.7** | **67.9** | **56.7** |

See footnotes at end of table.

# Table 28. Refiner/Reseller Motor Gasoline Prices by Grade (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Leaded Regular | | | Unleaded Regular | | | Premium | | | Motor Gasoline Average | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Idaho** | | | | | | | | | | | | |
| January | 71.8 | 64.7 | 56.2 | 72.0 | 62.9 | 56.2 | 82.6 | 71.3 | 66.1 | 72.6 | 64.2 | 56.7 |
| February | 67.5 | 61.6 | 53.0 | 67.6 | 59.8 | 52.8 | 79.3 | 72.4 | 63.3 | 68.3 | 61.1 | 53.4 |
| March | 64.1 | 60.7 | 52.8 | 64.2 | 59.5 | 52.4 | 77.8 | 71.6 | 62.1 | 65.0 | 60.5 | 53.1 |
| April | 66.9 | 65.0 | 56.3 | 66.5 | 63.1 | 56.4 | 78.5 | 71.9 | 65.1 | 67.4 | 64.4 | 56.8 |
| May | 69.3 | 67.8 | 59.6 | 69.2 | 66.3 | 59.4 | 79.9 | 75.9 | 67.7 | 69.9 | 67.4 | 59.9 |
| June | 70.3 | 68.7 | 60.3 | 70.3 | 67.0 | 60.0 | 81.6 | 76.6 | 67.7 | 70.9 | 68.2 | 60.6 |
| July | 70.4 | 69.7 | 61.1 | 70.7 | 68.5 | 60.8 | 82.4 | 78.6 | 69.5 | 71.3 | 69.4 | 61.5 |
| August | 73.8 | 72.6 | 65.2 | 73.7 | 71.7 | 65.0 | 84.8 | 83.3 | 73.7 | 74.5 | 72.6 | 65.6 |
| September | 74.2 | 70.7 | 63.5 | 74.9 | 69.1 | 63.7 | 85.8 | 84.7 | 72.6 | 75.3 | 70.6 | 64.1 |
| October | 70.5 | 68.8 | 59.5 | 70.8 | 68.1 | 59.5 | 82.3 | 82.0 | 68.3 | 71.4 | 69.0 | 60.0 |
| November | 66.6 | 67.0 | 55.8 | 66.7 | 65.9 | 55.4 | 79.9 | 81.9 | 64.0 | 67.5 | 67.0 | 56.1 |
| December | 65.1 | 65.1 | 52.8 | 65.0 | 64.7 | 52.1 | 78.0 | 80.6 | 60.8 | 65.9 | 65.4 | 52.9 |
| **1988 Average** | **69.3** | **67.3** | **58.4** | **69.3** | **65.8** | **58.1** | **81.2** | **78.4** | **67.1** | **70.0** | **67.0** | **58.7** |
| **Montana** | | | | | | | | | | | | |
| January | 69.1 | 68.5 | 51.6 | 69.2 | 68.4 | 51.2 | 72.9 | 69.7 | 56.3 | 69.5 | 68.5 | 51.8 |
| February | 65.0 | 64.4 | 50.0 | 65.5 | 64.5 | 49.7 | 68.9 | 67.1 | 54.7 | 65.6 | 64.5 | 50.2 |
| March | 64.2 | 65.9 | 51.6 | 64.4 | 65.8 | 51.5 | 66.0 | 72.7 | 56.6 | 64.5 | 66.0 | 51.9 |
| April | 66.8 | 68.7 | 56.5 | 66.1 | 67.3 | 56.3 | 69.1 | 73.0 | 62.7 | 66.7 | 68.4 | 56.9 |
| May | 69.3 | 68.6 | 59.0 | 69.1 | 67.6 | 58.6 | 72.4 | 72.1 | 64.1 | 69.5 | 68.3 | 59.3 |
| June | 69.8 | 71.1 | 59.6 | 69.5 | 70.2 | 59.5 | 74.4 | 70.4 | 64.9 | 70.2 | 70.8 | 60.0 |
| July | 71.6 | 73.3 | 61.9 | 71.6 | 73.8 | 61.5 | 76.6 | 75.6 | 68.0 | 72.1 | 73.6 | 62.2 |
| August | 74.5 | 74.7 | 64.2 | 74.3 | 71.9 | 63.6 | 79.6 | 76.0 | 70.6 | 75.0 | 73.8 | 64.5 |
| September | 74.4 | 74.6 | 64.2 | 74.3 | 72.9 | 63.3 | 80.1 | 82.9 | 70.3 | 75.1 | 74.6 | 64.3 |
| October | 72.6 | 70.8 | 61.1 | 72.5 | 71.9 | 60.0 | 78.2 | 78.9 | 66.9 | 73.2 | 71.6 | 61.1 |
| November | 69.3 | 69.5 | 54.6 | 68.9 | 67.5 | 53.8 | 73.4 | 73.6 | 59.1 | 69.6 | 69.2 | 54.6 |
| December | 66.1 | 66.4 | 51.6 | 65.5 | 66.4 | 50.6 | 70.5 | 68.9 | 56.7 | 66.4 | 66.6 | 51.6 |
| **1988 Average** | **69.7** | **70.0** | **57.7** | **69.6** | **69.1** | **57.2** | **74.1** | **74.8** | **63.3** | **70.1** | **69.9** | **57.9** |
| **Utah** | | | | | | | | | | | | |
| January | 68.6 | 66.9 | 55.4 | 70.2 | 65.9 | 54.8 | 78.6 | 74.1 | 62.8 | 70.7 | 67.8 | 55.7 |
| February | 65.5 | 66.5 | 53.0 | 67.3 | 63.5 | 52.2 | 76.2 | 72.0 | 59.5 | 67.9 | 65.2 | 53.1 |
| March | 62.5 | 64.3 | 52.2 | 64.2 | 61.3 | 51.8 | 72.9 | 67.6 | 58.6 | 64.7 | 62.9 | 52.5 |
| April | 61.8 | 62.8 | 55.5 | 64.0 | 59.0 | 55.1 | 72.2 | 66.5 | 62.2 | 64.3 | 61.7 | 55.9 |
| May | 64.7 | 63.3 | 57.4 | 67.9 | 62.0 | 57.2 | 77.6 | 70.1 | 64.6 | 67.9 | 63.0 | 57.8 |
| June | 66.7 | 63.7 | 57.6 | 70.2 | 62.8 | 57.2 | 80.4 | 72.0 | 65.2 | 70.2 | 63.6 | 58.1 |
| July | 67.0 | 65.5 | 59.1 | 70.3 | 64.6 | 58.6 | 78.6 | 74.0 | 66.4 | 70.3 | 65.7 | 59.6 |
| August | 70.4 | 68.4 | 64.3 | 74.3 | 67.3 | 63.6 | 82.4 | 76.7 | 71.3 | 74.1 | 68.3 | 64.6 |
| September | 71.4 | 69.1 | 62.7 | 75.3 | 66.6 | 62.2 | 83.8 | 73.9 | 69.7 | 75.0 | 68.0 | 63.2 |
| October | 68.6 | 67.4 | 57.7 | 71.7 | 64.2 | 57.2 | 80.3 | 68.4 | 65.2 | 71.7 | 65.8 | 58.1 |
| November | 63.2 | 61.8 | 53.8 | 66.1 | 59.2 | 53.3 | 73.8 | 64.9 | 60.8 | 66.2 | 60.6 | 54.3 |
| December | 60.6 | 60.9 | 50.4 | 62.9 | 58.1 | 50.2 | 70.2 | 63.1 | 57.7 | 63.3 | 59.3 | 51.1 |
| **1988 Average** | **66.1** | **64.7** | **57.0** | **68.8** | **62.8** | **56.4** | **77.2** | **71.3** | **64.2** | **68.9** | **64.2** | **57.4** |
| **Wyoming** | | | | | | | | | | | | |
| January | 66.2 | 61.7 | 51.6 | 67.7 | 60.2 | 51.5 | 70.5 | 66.3 | 58.2 | 67.4 | 61.2 | 52.0 |
| February | 63.5 | 62.1 | 50.5 | 65.3 | 59.4 | 50.5 | 71.0 | 67.9 | 58.7 | 65.1 | 61.0 | 51.1 |
| March | 63.2 | 63.8 | 51.4 | 65.2 | 60.2 | 51.1 | 71.5 | 69.2 | 58.8 | 64.7 | 62.4 | 51.8 |
| April | 66.4 | 66.1 | 56.2 | 67.3 | 63.4 | 55.8 | 74.5 | 75.0 | 64.0 | 67.4 | 65.4 | 56.6 |
| May | 67.5 | 68.2 | 58.6 | 69.4 | 65.8 | 58.2 | 77.7 | 75.9 | 67.1 | 69.3 | 67.6 | 59.2 |
| June | 70.1 | 69.4 | 58.6 | 71.3 | 67.2 | 58.3 | 79.0 | 74.6 | 67.0 | 71.5 | 68.6 | 59.3 |
| July | 71.7 | 72.3 | 61.5 | 72.9 | 68.3 | 61.1 | 81.9 | 77.9 | 69.2 | 73.5 | 70.9 | 62.2 |
| August | 73.8 | 74.2 | 65.3 | 74.9 | 72.2 | 64.4 | 84.0 | 80.0 | 72.6 | 75.5 | 73.5 | 65.7 |
| September | 75.3 | 73.2 | 64.4 | 76.4 | 71.4 | 63.4 | 83.5 | 80.4 | 67.7 | 76.6 | 72.8 | 64.4 |
| October | 73.7 | 71.8 | 61.1 | 75.2 | 69.7 | 60.1 | 82.0 | 80.4 | 67.2 | 75.2 | 71.3 | 61.2 |
| November | 72.4 | 68.1 | 55.3 | 72.9 | 68.3 | 54.4 | 80.5 | 78.3 | 61.9 | 73.5 | 68.6 | 55.4 |
| December | 69.3 | 66.1 | 52.5 | 70.3 | 66.9 | 51.6 | 77.8 | 75.6 | 59.2 | 70.7 | 67.0 | 52.7 |
| **1988 Average** | **69.5** | **69.0** | **57.9** | **70.9** | **66.7** | **57.3** | **78.8** | **75.5** | **65.7** | **71.1** | **68.3** | **58.4** |

See footnotes at end of table.

# Table 28. Refiner/Reseller Motor Gasoline Prices by Grade (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Leaded Regular | | | Unleaded Regular | | | Premium | | | Motor Gasoline Average | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **PAD District V Average** | | | | | | | | | | | | |
| January | 63.0 | 56.4 | 53.6 | 65.5 | 56.5 | 55.7 | 79.2 | 69.3 | 67.2 | 67.1 | 57.9 | 57.6 |
| February | 61.0 | 58.0 | 52.5 | 63.9 | 57.6 | 54.7 | 77.6 | 68.0 | 65.6 | 65.5 | 59.1 | 56.5 |
| March | 61.1 | 59.7 | 53.5 | 63.8 | 58.2 | 55.6 | 77.5 | 69.9 | 66.0 | 65.4 | 60.2 | 57.3 |
| April | 64.9 | 64.6 | 58.9 | 68.4 | 64.7 | 60.9 | 81.6 | 76.2 | 71.6 | 69.6 | 66.1 | 62.7 |
| May | 66.6 | 65.6 | 59.6 | 70.2 | 65.9 | 62.1 | 83.2 | 77.0 | 72.2 | 71.4 | 67.3 | 63.8 |
| June | 66.8 | 66.1 | 60.1 | 70.9 | 65.2 | 62.8 | 83.8 | 77.6 | 73.7 | 72.0 | 67.1 | 64.6 |
| July | 66.9 | 66.9 | 61.0 | 70.9 | 66.8 | 62.6 | 84.1 | 79.7 | 75.2 | 72.1 | 68.5 | 65.0 |
| August | 67.3 | 68.4 | 61.9 | 71.3 | 67.9 | 63.5 | 84.7 | 81.8 | 76.1 | 72.6 | 69.8 | 66.0 |
| September | 67.6 | 67.2 | 60.8 | 71.9 | 67.4 | 61.9 | 85.1 | 79.6 | 75.5 | 73.0 | 69.3 | 64.6 |
| October | 65.5 | 62.1 | 55.9 | 69.6 | 61.1 | 57.4 | 83.1 | 74.1 | 71.0 | 70.9 | 63.4 | 60.2 |
| November | 62.6 | 59.4 | 53.3 | 66.6 | 59.7 | 54.6 | 80.2 | 71.6 | 68.2 | 68.0 | 61.5 | 57.5 |
| December | 60.6 | 58.2 | 51.4 | 64.4 | 57.0 | 52.8 | 78.6 | 70.4 | 65.9 | 66.0 | 59.6 | 55.6 |
| **1988 Average** | **64.5** | **62.8** | **57.0** | **68.1** | **62.3** | **58.8** | **81.6** | **74.5** | **70.8** | **69.5** | **64.1** | **61.0** |
| **Alaska** | | | | | | | | | | | | |
| January | NA | 84.2 | 68.6 | 89.6 | 85.9 | 67.4 | 99.6 | 122.3 | 75.9 | NA | 88.3 | 68.4 |
| February | NA | 86.2 | 68.0 | NA | 82.5 | 57.2 | 99.8 | 94.8 | 76.9 | NA | 83.4 | 60.5 |
| March | NA | NA | 69.4 | NA | 79.9 | 67.6 | 96.0 | 95.9 | 75.8 | NA | 82.5 | 68.7 |
| April | NA | NA | 69.4 | NA | 79.0 | 68.5 | 100.3 | W | 77.0 | NA | 81.6 | 69.5 |
| May | NA | 99.3 | 69.1 | NA | 84.5 | 70.3 | W | 99.4 | 77.6 | NA | 89.1 | 70.5 |
| June | 87.9 | 89.5 | 70.6 | NA | 72.0 | 70.9 | W | 101.6 | 79.5 | NA | 75.5 | 71.4 |
| July | NA | 88.3 | 70.5 | 90.0 | 82.5 | 70.4 | W | 101.5 | 79.6 | NA | 85.1 | 71.0 |
| August | 91.6 | 87.3 | 71.3 | NA | 89.0 | 70.4 | 100.3 | W | 80.3 | 93.9 | 88.4 | 71.4 |
| September | 92.2 | 96.5 | 74.3 | 91.9 | 85.8 | 74.7 | 102.2 | W | 83.7 | 92.7 | 88.7 | 75.2 |
| October | 92.2 | 95.2 | 73.7 | 86.3 | 71.7 | 73.0 | 102.0 | W | 82.1 | 90.0 | 77.0 | 74.0 |
| November | NA | 86.5 | 73.3 | 89.8 | 82.5 | 73.0 | NA | W | 82.9 | 93.2 | 83.7 | 73.8 |
| December | NA | 89.8 | 73.2 | 91.3 | 82.0 | 72.8 | NA | W | 81.7 | 93.1 | 83.6 | 73.6 |
| **1988 Average** | **98.1** | **91.4** | **71.0** | **92.0** | **80.2** | **69.7** | **101.3** | **106.4** | **79.7** | **94.9** | **83.3** | **70.8** |
| **Arizona** | | | | | | | | | | | | |
| January | 62.9 | 63.5 | 55.0 | 66.0 | 62.7 | 55.4 | 82.8 | 73.3 | 64.2 | 67.4 | 63.4 | 56.4 |
| February | 61.4 | 61.4 | 53.1 | 64.1 | 60.9 | 53.2 | 80.5 | 72.3 | 62.0 | 65.7 | 61.6 | 54.3 |
| March | 60.0 | 64.3 | 53.1 | 62.8 | 62.9 | 53.1 | 79.4 | 75.5 | 61.5 | 64.3 | 64.0 | 54.2 |
| April | 63.7 | 64.7 | 57.5 | 66.7 | 64.6 | 57.3 | 82.9 | 77.8 | 66.2 | 66.2 | 65.4 | 58.5 |
| May | 64.3 | 66.8 | 57.7 | 67.4 | 67.5 | 57.5 | 83.3 | 81.4 | 66.0 | 68.9 | 68.3 | 58.8 |
| June | 64.5 | 68.6 | 58.9 | 67.5 | 68.6 | 58.3 | 83.3 | 80.0 | 66.8 | 69.1 | 69.4 | 59.7 |
| July | 65.0 | 67.1 | 58.3 | 67.5 | 67.3 | 58.0 | 83.8 | 80.4 | 68.1 | 69.4 | 68.2 | 59.7 |
| August | 63.6 | 67.7 | 58.7 | 66.6 | 67.2 | 58.0 | 82.8 | 84.0 | 67.9 | 68.3 | 68.6 | 59.7 |
| September | 65.1 | 67.2 | 58.1 | 68.2 | 67.6 | 57.8 | 83.2 | 79.8 | 67.7 | 69.5 | 68.8 | 59.3 |
| October | 63.7 | 64.0 | 54.7 | 66.7 | 63.6 | 54.6 | 81.9 | 74.2 | 65.0 | 68.1 | 64.7 | 56.3 |
| November | 61.9 | 63.7 | 52.6 | 65.1 | 62.4 | 52.8 | 81.3 | 72.3 | 63.5 | 66.5 | 63.8 | 54.3 |
| December | 60.7 | 62.2 | 51.7 | 63.8 | 61.3 | 51.6 | 80.3 | 71.9 | 62.1 | 65.3 | 62.4 | 53.2 |
| **1988 Average** | **63.0** | **64.8** | **55.8** | **66.0** | **64.5** | **55.7** | **82.1** | **76.6** | **65.2** | **67.5** | **65.5** | **57.1** |
| **California** | | | | | | | | | | | | |
| January | 61.2 | 53.0 | 52.3 | 64.7 | 54.6 | 55.2 | 78.6 | 68.3 | 67.1 | 66.6 | 55.6 | 57.3 |
| February | 59.7 | 55.0 | 51.6 | 63.0 | 56.3 | 54.7 | 77.1 | 67.1 | 65.4 | 65.0 | 57.5 | 56.6 |
| March | 60.3 | NA | 53.4 | 63.6 | 56.7 | 56.0 | 77.3 | 69.4 | 66.1 | 65.5 | 53.7 | 57.9 |
| April | 66.2 | 64.6 | 60.9 | 69.9 | 65.1 | 62.2 | 82.8 | 77.4 | 72.6 | 71.6 | 66.6 | 64.5 |
| May | 68.4 | 65.3 | 61.1 | 72.1 | 65.7 | 63.5 | 84.6 | 77.6 | 73.0 | 73.7 | 67.4 | 65.5 |
| June | 68.9 | 65.4 | 61.3 | 73.0 | 64.6 | 64.4 | 85.4 | 78.1 | 74.9 | 74.6 | 66.9 | 66.5 |
| July | 69.0 | 65.8 | 62.5 | 73.1 | 66.4 | 63.7 | 86.1 | 80.2 | 76.6 | 74.8 | 68.2 | 66.7 |
| August | 69.3 | 68.0 | 63.6 | 73.4 | 67.7 | 65.1 | 86.3 | 82.6 | 77.6 | 75.0 | 69.9 | 68.1 |
| September | 69.2 | 65.6 | 61.3 | 74.2 | 65.9 | 62.3 | 86.9 | 79.7 | 76.5 | 75.6 | 68.6 | 65.5 |
| October | 65.9 | 59.5 | 54.8 | 71.1 | 58.8 | 57.1 | 84.1 | 73.2 | 71.3 | 72.6 | 61.5 | 60.3 |
| November | 61.2 | 56.7 | 52.2 | 66.7 | 57.7 | 54.1 | 80.1 | 71.0 | 68.3 | 68.3 | 59.8 | 57.4 |
| December | 58.7 | 55.7 | 50.0 | 63.9 | 54.2 | 52.4 | 78.2 | 70.0 | 65.7 | 65.8 | 57.7 | 55.5 |
| **1988 Average** | **64.9** | **60.7** | **57.0** | **69.1** | **61.0** | **59.2** | **82.3** | **74.4** | **71.4** | **70.8** | **63.0** | **61.8** |

See footnotes at end of table.

# Table 28. Refiner/Reseller Motor Gasoline Prices by Grade (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Leaded Regular | | | Unleaded Regular | | | Premium | | | Motor Gasoline Average | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Hawaii** | | | | | | | | | | | | |
| January | 81.7 | 66.7 | 70.1 | 86.3 | 64.4 | 74.4 | 101.0 | 71.0 | 82.0 | 89.0 | 66.7 | 76.7 |
| February | 80.1 | 67.1 | 71.7 | 84.8 | 65.6 | 75.6 | 99.8 | 71.6 | 83.3 | 87.6 | 67.6 | 78.0 |
| March | 79.5 | 66.2 | 71.0 | 84.6 | 65.3 | 75.1 | 99.3 | 71.5 | 82.8 | 87.4 | 67.3 | 77.6 |
| April | 81.4 | 69.8 | 74.5 | 86.7 | 67.7 | 78.7 | 99.3 | 74.4 | 86.3 | 89.1 | 69.9 | 81.2 |
| May | 82.6 | 72.4 | 77.2 | 87.2 | 70.9 | 81.6 | 101.3 | 77.4 | 89.3 | 90.0 | 73.0 | 84.1 |
| June | 83.2 | 73.1 | 79.0 | 87.9 | 70.9 | 81.4 | 101.9 | 77.9 | 90.0 | 90.7 | 73.2 | 84.5 |
| July | 83.5 | 73.7 | 79.7 | 88.3 | 71.3 | 80.7 | 102.6 | 78.1 | 90.5 | 91.1 | 73.5 | 84.5 |
| August | 82.3 | 75.3 | 79.6 | 86.7 | 69.3 | 80.5 | 101.7 | 79.8 | 90.6 | 89.8 | 72.5 | 84.5 |
| September | 83.3 | 75.5 | 79.1 | 87.2 | 72.1 | 79.5 | 101.8 | 79.8 | 90.3 | 90.4 | 74.8 | 84.0 |
| October | 83.5 | 73.7 | 79.6 | 87.3 | 70.6 | 80.4 | 102.2 | 79.7 | 90.7 | 90.5 | 73.8 | 84.6 |
| November | 82.3 | 69.4 | 76.2 | 86.2 | 66.3 | 77.1 | 101.6 | 75.3 | 87.0 | 89.7 | 69.5 | 81.1 |
| December | 81.3 | 66.6 | 73.7 | 85.3 | 63.5 | 74.5 | 100.7 | 72.5 | 84.4 | 88.9 | 66.7 | 78.6 |
| **1988 Average** | **82.0** | **70.6** | **75.8** | **86.6** | **68.2** | **78.3** | **101.1** | **75.7** | **87.4** | **89.5** | **70.7** | **81.7** |
| **Nevada** | | | | | | | | | | | | |
| January | 55.2 | 58.6 | 51.1 | 56.5 | 56.6 | 51.7 | 68.6 | 65.7 | 60.7 | 57.8 | 57.8 | 52.7 |
| February | 55.6 | 56.9 | 49.9 | 57.8 | 55.2 | 50.5 | 69.4 | 64.0 | 59.9 | 58.8 | 56.3 | 51.5 |
| March | 56.1 | 59.9 | 51.1 | 58.7 | 57.4 | 51.8 | 70.1 | 66.2 | 61.2 | 59.5 | 58.8 | 52.8 |
| April | 60.3 | 62.4 | 57.4 | 62.7 | 59.7 | 58.0 | 73.9 | 65.2 | 66.5 | 63.6 | 61.1 | 59.0 |
| May | 63.6 | 62.5 | 58.5 | 66.5 | 60.6 | 59.0 | 77.3 | 63.8 | 68.0 | 67.2 | 61.5 | 60.1 |
| June | 64.8 | 62.6 | 59.6 | 68.4 | 61.7 | 60.1 | 79.0 | 68.9 | 70.4 | 68.9 | 62.5 | 61.5 |
| July | 66.4 | 65.4 | 61.1 | 70.4 | 64.1 | 61.5 | 81.3 | 76.6 | 72.5 | 70.8 | 65.2 | 63.1 |
| August | 66.8 | 67.0 | 62.7 | 70.3 | 65.9 | 62.6 | 82.7 | 79.8 | 73.5 | 71.0 | 67.6 | 64.4 |
| September | 67.7 | 64.5 | 59.7 | 71.0 | 64.4 | 60.6 | 83.4 | 76.3 | 72.4 | 71.7 | 65.2 | 62.1 |
| October | 65.0 | 60.7 | 53.6 | 68.6 | 59.1 | 55.2 | 81.1 | 68.0 | 66.0 | 69.2 | 60.2 | 56.6 |
| November | 62.1 | 58.7 | 51.7 | 65.2 | 58.1 | 52.4 | 78.6 | 67.5 | 69.3 | 66.1 | 58.9 | 55.9 |
| December | 59.9 | 57.8 | 49.1 | 62.6 | 57.2 | 50.2 | 76.3 | 66.7 | 63.2 | 63.8 | 58.0 | 51.9 |
| **1988 Average** | **62.0** | **61.6** | **55.6** | **65.0** | **60.2** | **56.3** | **76.8** | **70.1** | **67.6** | **65.7** | **61.3** | **57.9** |
| **Oregon** | | | | | | | | | | | | |
| January | 64.7 | 65.4 | 57.3 | 67.4 | 63.7 | 58.1 | 78.8 | 74.7 | 68.4 | 67.7 | 65.5 | 59.2 |
| February | 62.3 | 65.3 | 55.2 | 65.0 | 62.8 | 56.0 | 77.5 | 72.3 | 66.9 | 65.3 | 64.9 | 57.2 |
| March | 62.1 | 64.5 | 54.8 | 64.4 | 62.9 | 55.5 | 76.5 | 73.0 | 66.6 | 64.9 | 64.4 | 56.7 |
| April | 63.3 | 65.6 | 56.9 | 65.7 | 63.8 | 57.4 | 77.6 | 73.1 | 68.0 | 66.1 | 65.4 | 58.6 |
| May | 64.8 | 67.1 | 58.8 | 67.3 | 66.0 | 59.2 | 79.2 | 76.2 | 69.7 | 67.6 | 67.5 | 60.5 |
| June | 65.4 | 68.1 | 59.2 | 68.1 | 64.9 | 59.5 | 80.2 | 75.7 | 70.5 | 68.4 | 67.1 | 61.0 |
| July | 65.3 | 69.6 | 60.0 | 68.1 | 67.6 | 60.3 | 79.2 | 78.5 | 70.8 | 68.4 | 69.5 | 61.3 |
| August | 66.4 | 69.2 | 60.7 | 68.5 | 68.5 | 60.5 | 80.7 | 79.2 | 72.1 | 69.1 | 69.8 | 62.2 |
| September | 67.3 | 68.9 | 61.7 | 68.9 | 70.1 | 61.8 | 81.1 | 80.8 | 73.4 | 69.6 | 70.3 | 63.4 |
| October | 66.0 | 65.7 | 58.7 | 68.2 | 66.6 | 59.4 | 81.4 | 79.0 | 70.9 | 68.8 | 67.0 | 60.8 |
| November | 65.2 | 64.1 | 56.1 | 68.0 | 64.6 | 56.9 | 79.2 | 75.4 | 68.8 | 68.2 | 65.4 | 58.3 |
| December | 64.3 | 62.1 | 55.0 | 67.2 | 62.7 | 56.0 | 79.5 | 74.4 | 67.9 | 67.5 | 63.2 | 57.4 |
| **1988 Average** | **64.8** | **66.6** | **58.1** | **67.3** | **65.4** | **58.5** | **79.3** | **76.1** | **69.7** | **67.7** | **66.9** | **59.9** |
| **Washington** | | | | | | | | | | | | |
| January | 64.6 | 62.1 | 53.8 | 67.0 | 60.8 | 55.0 | 79.0 | 70.7 | 64.9 | 68.1 | 62.3 | 56.3 |
| February | 62.5 | 61.3 | 52.0 | 65.2 | 60.2 | 52.6 | 76.9 | 69.3 | 63.3 | 66.4 | 61.5 | 54.2 |
| March | 61.8 | 61.9 | 51.6 | 63.6 | 60.0 | 51.6 | 76.3 | 70.3 | 62.2 | 65.2 | 62.1 | 53.4 |
| April | 62.4 | 63.5 | 53.5 | 64.5 | 61.6 | 53.7 | 76.6 | 73.4 | 63.7 | 65.7 | 63.9 | 55.3 |
| May | 63.8 | 64.2 | 55.2 | 66.1 | 63.7 | 55.5 | 78.2 | 71.9 | 65.4 | 67.3 | 64.7 | 57.1 |
| June | 63.5 | 64.8 | 55.8 | 65.8 | 65.5 | 55.9 | 78.7 | 74.6 | 66.2 | 67.2 | 66.0 | 57.8 |
| July | 63.5 | 66.9 | 56.8 | 65.6 | 66.6 | 56.8 | 78.6 | 78.1 | 67.2 | 67.2 | 67.7 | 58.7 |
| August | 64.6 | 67.4 | 57.6 | 66.6 | 67.1 | 57.3 | 80.1 | 77.9 | 67.5 | 68.3 | 68.1 | 59.2 |
| September | 64.5 | 66.5 | 58.0 | 66.6 | 64.9 | 57.8 | 79.6 | 76.9 | 68.4 | 68.2 | 66.8 | 59.8 |
| October | 64.0 | 64.7 | 56.0 | 66.0 | 61.8 | 55.9 | 78.9 | 72.5 | 66.3 | 67.5 | 64.2 | 57.9 |
| November | 62.5 | 62.3 | 53.0 | 64.4 | 59.7 | 53.2 | 77.5 | 70.7 | 63.6 | 66.1 | 62.0 | 55.1 |
| December | 60.4 | 59.7 | 51.2 | 62.5 | 57.9 | 49.7 | 76.4 | 69.4 | 62.4 | 64.4 | 60.1 | 52.4 |
| **1988 Average** | **63.2** | **64.0** | **54.7** | **65.3** | **62.5** | **54.6** | **78.1** | **72.9** | **65.2** | **66.8** | **64.3** | **56.6** |

NA = Not Available.
W = Withheld to avoid disclosure of individual company data.
Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

# Table 29. Refiner/Reseller Total Motor Gasoline Prices by Seller Type
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **U.S. Average** | | | | | | | | | | | | |
| January | 67.0 | 52.9 | 55.2 | 62.9 | 49.8 | 47.5 | 65.9 | 51.9 | 53.4 | 67.1 | 62.1 | 55.0 |
| February | 65.3 | 54.5 | 55.4 | 61.2 | 50.1 | 48.5 | 64.1 | 53.0 | 53.8 | 65.7 | 62.1 | 55.5 |
| March | 64.4 | 53.9 | 55.4 | 60.4 | 51.4 | 49.2 | 63.2 | 53.1 | 53.9 | 65.2 | 63.1 | 56.1 |
| April | 67.8 | 58.1 | 59.9 | 64.2 | 56.2 | 54.3 | 66.8 | 57.4 | 58.6 | 68.1 | 66.5 | 59.3 |
| May | 70.1 | 60.0 | 61.3 | 66.5 | 58.3 | 55.4 | 69.1 | 59.5 | 59.9 | 69.6 | 67.2 | 60.8 |
| June | 69.8 | 59.9 | 60.8 | 66.0 | 58.0 | 54.8 | 68.7 | 59.3 | 59.3 | 69.6 | 67.3 | 60.6 |
| July | 71.6 | 62.4 | 63.8 | 67.6 | 58.6 | 58.2 | 70.5 | 60.8 | 62.4 | 72.0 | 70.4 | 63.4 |
| August | 73.6 | 62.5 | 62.9 | 69.8 | 59.7 | 56.5 | 72.6 | 61.5 | 61.4 | 72.4 | 69.4 | 61.8 |
| September | 72.1 | 58.6 | 59.8 | 67.9 | 54.9 | 52.3 | 71.0 | 57.2 | 58.0 | 71.2 | 67.3 | 58.6 |
| October | 70.2 | 57.1 | 59.2 | 66.0 | 51.3 | 51.5 | 69.1 | 54.7 | 57.3 | 70.0 | 66.6 | 58.3 |
| November | 69.6 | 59.1 | 60.0 | 65.7 | 52.0 | 52.6 | 68.5 | 56.1 | 58.1 | 69.5 | 66.8 | 59.1 |
| December | 68.2 | 55.5 | 56.9 | 64.0 | 49.8 | 49.1 | 67.1 | 53.2 | 54.9 | 68.3 | 64.9 | 56.8 |
| **1988 Average** | **69.2** | **57.8** | **59.3** | **65.2** | **54.1** | **52.7** | **68.1** | **56.4** | **57.7** | **69.1** | **66.2** | **59.0** |
| **PAD District I Average** | | | | | | | | | | | | |
| January | 70.2 | 53.8 | 57.4 | 67.7 | 50.4 | 49.2 | 69.5 | 52.5 | 56.2 | 70.4 | 62.9 | 57.4 |
| February | 68.0 | 54.3 | 57.9 | 65.3 | 51.8 | 49.9 | 67.3 | 53.3 | 56.7 | 69.0 | 63.7 | 57.3 |
| March | 66.8 | 54.2 | 57.7 | 63.8 | 52.2 | 49.8 | 66.0 | 53.4 | 56.5 | 67.8 | 63.7 | 57.6 |
| April | 68.3 | 58.3 | 61.1 | 65.0 | 56.2 | 54.3 | 67.5 | 57.4 | 60.0 | 70.0 | 66.8 | 60.2 |
| May | 70.0 | 60.2 | 62.7 | 66.7 | 57.2 | 55.4 | 69.2 | 58.9 | 61.4 | 71.2 | 67.3 | 61.7 |
| June | 70.4 | 59.8 | 62.4 | 67.7 | 58.0 | 55.4 | 69.7 | 59.0 | 61.3 | 71.5 | 67.8 | 62.1 |
| July | 72.1 | 62.5 | 65.2 | 68.0 | 59.3 | 58.5 | 71.1 | 61.0 | 64.0 | 73.7 | 70.2 | 64.4 |
| August | 73.8 | 60.9 | 63.6 | 69.4 | 56.7 | 55.5 | 72.7 | 59.1 | 62.3 | 73.9 | 67.9 | 62.0 |
| September | 73.1 | 56.6 | 60.7 | 68.4 | 52.9 | 52.0 | 71.9 | 55.2 | 59.3 | 73.4 | 66.1 | 59.5 |
| October | 72.2 | 57.1 | 61.7 | 67.4 | 53.3 | 54.0 | 71.0 | 55.5 | 60.5 | 72.8 | 66.5 | 61.4 |
| November | 71.8 | 60.0 | 63.5 | 67.2 | 54.2 | 55.0 | 70.7 | 57.4 | 61.9 | 73.0 | 67.6 | 62.0 |
| December | 71.6 | 56.5 | 61.1 | 67.2 | 51.4 | 52.1 | 70.6 | 54.2 | 59.5 | 72.0 | 65.8 | 60.0 |
| **1988 Average** | **70.7** | **57.8** | **61.3** | **67.0** | **54.5** | **53.6** | **69.8** | **56.4** | **60.1** | **71.6** | **66.4** | **60.6** |
| **Subdistrict IA Average** | | | | | | | | | | | | |
| January | 78.1 | 63.6 | 63.6 | 73.9 | 52.4 | 50.8 | 77.7 | 60.0 | 62.5 | 76.6 | 63.0 | 59.3 |
| February | 76.0 | 63.2 | 63.5 | 71.9 | 52.8 | 51.1 | 75.6 | 59.6 | 62.5 | 75.4 | 63.5 | 58.8 |
| March | 74.3 | W | 62.5 | 71.8 | 51.9 | 50.8 | 74.1 | 58.3 | 61.3 | 73.9 | 63.4 | 59.6 |
| April | 74.0 | 63.9 | 64.9 | 70.0 | 56.5 | 53.5 | 73.7 | 61.4 | 63.8 | 74.7 | 66.0 | 59.8 |
| May | 75.7 | 65.0 | 67.3 | 70.5 | 58.3 | 53.7 | 75.3 | 62.6 | 65.2 | 75.9 | 66.4 | 63.6 |
| June | 76.6 | W | 67.1 | 70.8 | 58.2 | 56.8 | 76.1 | 63.0 | 66.2 | 76.4 | 66.8 | 63.0 |
| July | 78.5 | 67.1 | 69.1 | 72.4 | W | 61.4 | 77.9 | 58.9 | 68.6 | 78.4 | 69.8 | 66.1 |
| August | 79.8 | 66.0 | 68.3 | 72.9 | W | 56.6 | 79.2 | 62.7 | 67.6 | 79.2 | 67.0 | 62.8 |
| September | 79.7 | 63.4 | 66.0 | 73.4 | W | 52.2 | 79.1 | 60.6 | 64.8 | 78.6 | 69.2 | 59.4 |
| October | 80.6 | 62.8 | 66.6 | W | W | 56.7 | 80.2 | 60.4 | 66.0 | 77.9 | 70.3 | 62.6 |
| November | 80.5 | 64.9 | 68.7 | W | W | 50.3 | 80.1 | 63.7 | 65.5 | 78.7 | 72.4 | 62.4 |
| December | 80.8 | 63.0 | 67.4 | W | W | 51.4 | 80.4 | 60.7 | 65.6 | 78.8 | 70.7 | 60.0 |
| **1988 Average** | **78.0** | **64.2** | **66.3** | **72.3** | **55.6** | **53.3** | **77.5** | **60.8** | **65.1** | **77.0** | **67.1** | **61.5** |
| **Connecticut** | | | | | | | | | | | | |
| January | W | 61.0 | 65.1 | W | W | 56.8 | 75.8 | 56.8 | 64.4 | 76.8 | 64.7 | 58.2 |
| February | W | 60.7 | 63.9 | W | W | 56.7 | 73.7 | 57.5 | 63.4 | 74.9 | 65.7 | 60.7 |
| March | W | 60.2 | 63.0 | W | W | 55.9 | 72.9 | 56.6 | 62.5 | 73.9 | 66.2 | 60.3 |
| April | W | 63.5 | 64.4 | W | W | 52.1 | 70.9 | 60.7 | 62.5 | 75.1 | 70.4 | 63.2 |
| May | W | 64.1 | 67.9 | W | W | 63.4 | 72.5 | 61.6 | 67.6 | 76.0 | 67.0 | 65.0 |
| June | W | 65.6 | 67.8 | W | W | 63.2 | 73.5 | 62.5 | 67.5 | 77.0 | 67.6 | 65.5 |
| July | W | 66.9 | 70.6 | W | W | 66.2 | 75.7 | 64.8 | 70.4 | 79.4 | 71.9 | 68.1 |
| August | W | 65.7 | 69.3 | W | W | 62.0 | 76.7 | 62.1 | 68.8 | 80.1 | 69.4 | 63.5 |
| September | W | 63.1 | 66.7 | W | W | 60.4 | 76.1 | 59.9 | 66.4 | 80.7 | 71.4 | 64.9 |
| October | W | 64.0 | 67.3 | W | W | W | W | 61.3 | 66.8 | 79.3 | 72.0 | 65.0 |
| November | W | 66.7 | 70.0 | W | W | 57.3 | W | 66.1 | 69.5 | 80.4 | 74.7 | 67.4 |
| December | W | 64.3 | 68.4 | W | W | 50.5 | W | 61.0 | 66.9 | 80.2 | 73.7 | 65.4 |
| **1988 Average** | **88.9** | **63.8** | **67.1** | W | W | **57.3** | **82.9** | **60.7** | **66.4** | **78.0** | **69.5** | **63.9** |

See footnotes at end of table.

# Table 29. Refiner/Reseller Total Motor Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Maine** | | | | | | | | | | | | |
| January | W | 60.8 | 54.7 | W | W | W | W | 60.1 | 54.3 | 76.3 | 65.4 | 58.1 |
| February | W | 60.7 | 54.3 | W | W | W | W | 60.0 | 54.0 | 74.0 | 64.5 | 57.5 |
| March | W | 60.4 | 53.9 | W | W | 49.1 | W | 59.7 | 53.7 | 72.1 | 65.2 | 58.8 |
| April | W | W | 57.6 | W | W | 54.0 | W | 60.8 | 57.2 | 73.5 | 66.8 | 62.1 |
| May | W | 62.1 | 59.7 | W | W | 56.5 | W | 62.0 | 59.5 | 75.4 | 68.2 | 64.5 |
| June | W | 62.9 | 59.4 | W | W | 54.8 | W | 62.8 | 59.1 | 75.1 | 67.3 | 64.8 |
| July | W | 64.3 | 62.5 | W | W | 58.6 | W | 64.4 | 62.4 | 78.3 | 70.2 | 67.5 |
| August | W | 62.7 | 58.5 | W | W | 52.7 | W | 62.3 | 58.2 | 78.4 | 68.5 | 63.2 |
| September | W | W | 55.6 | W | W | 50.2 | W | 61.7 | 55.2 | 78.9 | 68.8 | 61.1 |
| October | W | W | 57.2 | W | W | 56.5 | W | 60.0 | 57.1 | 77.9 | 69.2 | 62.2 |
| November | W | W | 62.3 | W | W | W | W | 63.9 | 62.2 | 78.9 | 70.8 | 64.5 |
| December | W | W | 58.7 | W | W | W | W | 61.4 | 58.6 | 79.1 | 68.7 | 62.5 |
| **1988 Average** | W | W | **58.1** | W | W | W | W | **61.6** | **57.8** | **76.3** | **67.9** | **62.3** |
| **Massachusetts** | | | | | | | | | | | | |
| January | 79.1 | 64.6 | 64.7 | W | W | 48.4 | 79.0 | 60.9 | 63.0 | 77.3 | 59.2 | 59.4 |
| February | 77.0 | 64.0 | 65.8 | W | W | 48.6 | 77.0 | 59.6 | 64.1 | 76.3 | 59.4 | 58.9 |
| March | 75.8 | W | 65.1 | W | W | 49.1 | 75.7 | 58.3 | 63.0 | 74.6 | 58.8 | 59.5 |
| April | 75.5 | 64.0 | 67.2 | W | W | 55.7 | 75.4 | 61.3 | 66.6 | 74.9 | 61.2 | 58.1 |
| May | 77.1 | 65.6 | 69.5 | W | W | 51.9 | 77.0 | 63.1 | 65.0 | 76.0 | 64.8 | 63.1 |
| June | 77.9 | 66.7 | 69.9 | W | W | 54.9 | 77.8 | 62.9 | 68.0 | 76.2 | 65.3 | 61.7 |
| July | 79.9 | W | 70.4 | W | W | 60.0 | 79.8 | 57.1 | 69.4 | 77.7 | 67.2 | 65.2 |
| August | 80.9 | 65.6 | 71.3 | W | W | 54.8 | 80.7 | 62.0 | 70.6 | 78.8 | 64.0 | 62.1 |
| September | 80.8 | 63.1 | 69.0 | W | W | W | 80.7 | 60.5 | 66.9 | 77.6 | 65.4 | 55.2 |
| October | 80.4 | 62.3 | 69.1 | W | W | W | 80.3 | 60.1 | 68.4 | 77.8 | 67.3 | 60.9 |
| November | 80.6 | 64.1 | 69.4 | W | W | 49.0 | 80.5 | 62.6 | 63.4 | 78.5 | 69.4 | 60.3 |
| December | 80.8 | 62.2 | 69.3 | W | W | 51.2 | 80.8 | 59.8 | 66.0 | 78.7 | 65.8 | 56.3 |
| **1988 Average** | **78.8** | **64.1** | **68.5** | W | W | **51.5** | **78.7** | **60.0** | **66.1** | **76.9** | **63.5** | **60.1** |
| **New Hampshire** | | | | | | | | | | | | |
| January | 76.0 | 67.0 | 64.5 | W | W | W | 75.6 | 60.9 | 63.4 | 74.8 | 67.8 | 64.0 |
| February | 74.0 | W | 64.0 | W | W | W | 73.8 | 60.3 | 63.0 | 74.9 | 68.1 | 59.5 |
| March | 72.0 | 64.3 | 63.8 | W | W | W | 71.9 | 58.9 | 62.7 | 74.5 | 67.7 | 62.8 |
| April | 71.4 | 64.7 | 65.9 | W | W | W | 71.2 | 62.9 | 65.2 | 75.5 | 67.3 | 65.5 |
| May | 73.3 | 67.7 | 67.4 | W | W | W | 72.9 | 63.6 | 66.8 | 76.2 | 69.3 | 67.4 |
| June | 74.4 | 67.5 | 67.8 | W | W | W | 73.6 | 64.0 | 67.1 | 78.2 | 69.1 | 67.7 |
| July | 75.7 | 68.6 | 70.3 | W | W | W | 75.1 | 65.5 | 69.6 | 79.8 | 72.1 | 70.3 |
| August | 77.0 | 66.9 | 69.1 | W | W | W | 76.2 | 63.8 | 68.0 | 80.5 | 69.4 | 69.1 |
| September | 76.9 | 61.9 | 66.8 | W | W | W | 76.3 | 59.9 | 65.7 | 77.5 | 66.5 | 66.0 |
| October | 76.0 | 60.9 | 65.6 | W | W | W | 75.6 | 59.8 | 65.0 | 76.3 | 64.3 | 65.5 |
| November | 76.2 | 63.3 | 69.2 | W | W | W | 76.1 | 62.6 | 68.7 | 76.9 | 70.5 | 69.0 |
| December | 76.8 | 62.5 | 68.5 | W | W | W | 76.8 | 61.0 | 67.5 | 77.3 | 69.0 | 67.3 |
| **1988 Average** | **75.0** | **64.4** | **67.0** | W | W | W | **74.7** | **61.8** | **66.1** | **77.1** | **68.6** | **66.3** |
| **Rhode Island** | | | | | | | | | | | | |
| January | 80.5 | 64.7 | 63.2 | W | W | W | 80.0 | 62.8 | 62.4 | 72.0 | 57.3 | 54.1 |
| February | 79.6 | 64.8 | 62.0 | W | W | W | 79.1 | 60.5 | 61.2 | 70.0 | 57.6 | 53.1 |
| March | 76.9 | 61.8 | W | W | W | W | 76.4 | 60.1 | 58.6 | 67.9 | 57.6 | 53.6 |
| April | 77.0 | 64.3 | W | W | W | W | 76.3 | 60.6 | 63.3 | 68.7 | 61.0 | 58.5 |
| May | 78.9 | 65.1 | W | W | W | W | 78.2 | 61.5 | 64.8 | 71.7 | 63.1 | 59.4 |
| June | 80.2 | 67.3 | W | W | W | W | 79.4 | 60.7 | 63.8 | 71.7 | 62.8 | 59.4 |
| July | 83.4 | 67.9 | W | W | W | W | 82.7 | 64.1 | 67.7 | 73.7 | 66.3 | 62.0 |
| August | 85.0 | 69.0 | W | W | W | W | 84.2 | 63.8 | 66.1 | 74.8 | 58.0 | 57.9 |
| September | 84.3 | 68.7 | 64.1 | W | W | W | 83.7 | 60.6 | 63.4 | 74.2 | 63.3 | 56.7 |
| October | 83.6 | 64.0 | 65.0 | W | W | W | 83.1 | 57.8 | 64.6 | 74.1 | 64.5 | 60.1 |
| November | 83.6 | 66.2 | 68.4 | W | W | W | 82.4 | 64.7 | 68.1 | 74.4 | 66.7 | 58.2 |
| December | 83.5 | W | 66.7 | W | W | W | 82.9 | 61.3 | 66.3 | 74.5 | 66.1 | 57.0 |
| **1988 Average** | **81.6** | **65.6** | **64.7** | W | W | W | **80.9** | **61.4** | **64.2** | **72.6** | **61.2** | **58.1** |

See footnotes at end of table.

# Table 29. Refiner/Reseller Total Motor Gasoline Prices by Seller Type (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Vermont** | | | | | | | | | | | | |
| January | W | W | 62.9 | W | W | 51.3 | 77.7 | 66.6 | 62.0 | 80.4 | 71.0 | 66.6 |
| February | W | W | 63.6 | W | W | 51.9 | 74.9 | 66.5 | 62.6 | 79.2 | 69.7 | 66.3 |
| March | W | W | 62.1 | W | 61.3 | 51.4 | 76.0 | 65.6 | 61.3 | 77.6 | 70.1 | 65.3 |
| April | W | W | 63.5 | W | W | 56.6 | 74.9 | 67.0 | 63.1 | 77.7 | 70.9 | 68.1 |
| May | W | W | 64.8 | W | W | 57.9 | 74.7 | 66.8 | 64.1 | 78.5 | 72.3 | 69.5 |
| June | W | W | 64.1 | W | W | 57.6 | 74.9 | 67.6 | 63.6 | 79.3 | 72.2 | 70.3 |
| July | W | W | 68.2 | W | W | 61.9 | 75.7 | 68.8 | 67.7 | 81.2 | 75.3 | 72.3 |
| August | W | W | 65.4 | W | W | 56.5 | 77.0 | 69.5 | 64.4 | 81.7 | 74.1 | 69.0 |
| September | W | W | 63.2 | W | W | 53.7 | 77.6 | 66.0 | 62.2 | 80.8 | 69.3 | 67.7 |
| October | W | W | 64.7 | W | W | 57.0 | 78.6 | 66.3 | 63.7 | 80.3 | 72.5 | 68.0 |
| November | W | W | 68.1 | W | W | 59.5 | 76.9 | 68.4 | 66.7 | 81.2 | 73.3 | 71.5 |
| December | W | W | 64.2 | W | W | 57.1 | 76.7 | 66.8 | 63.6 | 80.6 | 73.7 | 69.9 |
| **1988 Average** | W | W | **64.6** | W | W | **56.5** | **76.3** | **67.2** | **63.8** | **80.0** | **72.2** | **68.8** |
| **Subdistrict IB Average** | | | | | | | | | | | | |
| January | 72.8 | 57.7 | 59.1 | 67.9 | 52.0 | 50.8 | 71.0 | 55.0 | 57.8 | 70.8 | 63.8 | 56.4 |
| February | 71.0 | 58.4 | 59.5 | 66.0 | 52.4 | 50.8 | 69.2 | 55.3 | 58.1 | 69.3 | 64.4 | 56.0 |
| March | 69.2 | 57.1 | 59.1 | 64.6 | W | 49.9 | 67.5 | 55.0 | 57.6 | 68.4 | 64.6 | 55.6 |
| April | 70.2 | 60.1 | 61.5 | 65.0 | 56.5 | 53.6 | 68.3 | 58.4 | 60.3 | 69.3 | 67.3 | 58.6 |
| May | 71.5 | 61.8 | 63.5 | 66.6 | 58.7 | 55.6 | 69.7 | 60.3 | 61.9 | 70.7 | 68.7 | 60.1 |
| June | 72.3 | 61.7 | 63.9 | 69.0 | 60.1 | 55.9 | 71.1 | 60.9 | 62.4 | 71.3 | 69.6 | 60.9 |
| July | 74.1 | 64.1 | 65.4 | 68.1 | 61.4 | 57.4 | 71.9 | 62.9 | 63.7 | 72.6 | 71.0 | 62.4 |
| August | 75.0 | 61.9 | 64.6 | 68.7 | 59.8 | 55.9 | 72.8 | 61.0 | 63.1 | 73.1 | 69.6 | 60.6 |
| September | 74.7 | 58.2 | 62.6 | 68.0 | 55.3 | 52.7 | 72.3 | 57.1 | 60.6 | 72.1 | 64.4 | 56.3 |
| October | W | 58.9 | 63.5 | 67.2 | 55.1 | 54.5 | 71.6 | 57.3 | 61.9 | 71.9 | 64.7 | 58.5 |
| November | W | 61.7 | 65.3 | 67.4 | 53.2 | 56.5 | 71.9 | 57.1 | 63.5 | 72.5 | 66.9 | 60.0 |
| December | W | 58.6 | 64.0 | 67.5 | 57.3 | 53.5 | 71.9 | 58.1 | 61.7 | 72.8 | 65.2 | 58.2 |
| **1988 Average** | **72.9** | **60.0** | **62.7** | **67.2** | **56.0** | **54.2** | **70.8** | **58.2** | **61.1** | **71.2** | **66.8** | **58.8** |
| **Delaware** | | | | | | | | | | | | |
| January | 75.3 | 51.7 | 53.6 | - | - | W | 75.3 | 51.7 | 53.6 | 65.4 | 59.0 | 55.9 |
| February | 74.4 | 53.5 | 55.4 | - | - | W | 74.4 | 53.5 | 55.4 | 64.6 | 59.3 | 56.7 |
| March | 72.3 | W | 55.5 | - | - | W | 72.3 | W | 55.5 | 64.3 | 59.5 | 56.8 |
| April | 73.1 | 54.4 | 58.4 | - | - | W | 73.1 | 54.4 | 58.4 | 67.3 | 63.8 | 59.4 |
| May | 71.7 | 56.7 | 60.7 | - | - | W | 71.7 | 56.7 | 60.7 | 69.8 | 63.9 | 60.9 |
| June | 75.1 | 57.8 | 60.4 | - | - | W | 75.1 | 57.8 | 60.4 | 70.8 | 64.0 | 61.5 |
| July | 75.0 | 56.0 | 62.8 | - | - | W | 75.0 | 56.0 | 62.8 | 71.3 | 65.4 | 63.6 |
| August | 79.8 | W | 61.9 | - | - | W | 79.8 | W | 61.9 | 71.8 | 66.3 | 61.0 |
| September | 77.1 | W | 59.8 | - | - | W | 77.1 | W | 59.8 | 68.1 | 65.7 | 61.1 |
| October | W | W | 59.8 | - | - | W | W | W | 59.8 | 68.3 | 66.2 | 61.7 |
| November | 81.4 | W | 62.5 | - | - | W | 81.4 | W | 62.5 | 69.7 | 69.0 | 64.2 |
| December | 79.6 | W | 60.9 | - | - | W | 79.6 | W | 60.9 | 69.7 | 68.1 | 62.3 |
| **1988 Average** | **75.8** | **55.4** | **59.3** | - | - | W | **75.8** | **55.4** | **59.3** | **68.5** | **65.0** | **61.0** |
| **District of Columbia** | | | | | | | | | | | | |
| January | - | 53.9 | 64.0 | - | - | - | - | 53.9 | 64.0 | W | 61.3 | 50.2 |
| February | - | 57.0 | 63.3 | - | - | - | - | 57.0 | 63.3 | W | 61.9 | 51.4 |
| March | - | 55.3 | 64.4 | - | - | - | - | 55.3 | 64.4 | W | 63.1 | 50.8 |
| April | - | 60.5 | 69.7 | - | - | - | - | 60.5 | 69.7 | W | 67.8 | 56.6 |
| May | - | 61.9 | 70.5 | - | - | - | - | 61.9 | 70.5 | W | 69.1 | 57.4 |
| June | - | 58.9 | 70.7 | - | - | - | - | 58.9 | 70.7 | W | 68.0 | 58.0 |
| July | - | 63.4 | 72.0 | - | - | - | - | 63.4 | 72.0 | W | W | 61.0 |
| August | - | W | 73.5 | - | - | - | - | 59.1 | 73.5 | W | 68.1 | 57.9 |
| September | - | 55.7 | 71.7 | - | - | - | - | 55.7 | 71.7 | W | 63.0 | 54.3 |
| October | - | 56.8 | 69.4 | - | - | - | - | 56.8 | 69.4 | W | 62.5 | 56.6 |
| November | - | 59.5 | 70.6 | - | - | - | - | 59.5 | 70.6 | W | 68.0 | 59.5 |
| December | - | 55.6 | 70.4 | - | - | - | - | 55.6 | 70.4 | W | 60.6 | 56.8 |
| **1988 Average** | - | **58.0** | **68.9** | - | - | - | - | **58.0** | **68.9** | W | **65.2** | **55.7** |

See footnotes at end of table.

# Table 29. Refiner/Reseller Total Motor Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Maryland** | | | | | | | | | | | | |
| January | - | 53.5 | W | W | W | 51.7 | W | 53.4 | 61.9 | 69.6 | 53.9 | 51.8 |
| February | - | 54.8 | W | W | W | 54.8 | W | 54.7 | 62.3 | 69.7 | 56.1 | 51.7 |
| March | - | 53.6 | W | W | W | 55.9 | W | 53.5 | 62.5 | 68.8 | 58.6 | 57.1 |
| April | - | 59.1 | W | W | W | 59.6 | W | 59.0 | 65.0 | 71.1 | 62.2 | 58.8 |
| May | - | 60.4 | W | W | W | 62.5 | W | 60.3 | 66.2 | 72.1 | 62.6 | 59.6 |
| June | - | 60.0 | W | W | W | 61.2 | W | 59.9 | 65.7 | 72.7 | 68.5 | 64.3 |
| July | - | 62.9 | W | W | W | 64.2 | W | 62.8 | 67.6 | 74.8 | 65.6 | 64.2 |
| August | - | 59.2 | W | W | W | 65.2 | W | 59.1 | 67.7 | 74.7 | NA | 61.1 |
| September | - | 55.7 | W | W | W | 64.1 | W | 55.7 | 65.9 | 73.6 | 65.1 | 60.1 |
| October | - | 57.4 | W | W | W | 61.0 | W | 57.4 | 65.4 | 73.4 | 66.4 | 61.6 |
| November | - | 59.4 | W | W | W | 63.8 | W | 59.4 | 66.5 | 74.5 | 69.1 | 64.1 |
| December | - | 55.7 | W | W | W | 62.3 | W | 55.7 | 65.3 | 74.5 | 65.8 | 63.2 |
| **1988 Average** | **-** | **57.6** | **65.8** | W | W | **60.4** | W | **57.6** | **65.2** | **72.5** | **62.7** | **60.1** |
| **New Jersey** | | | | | | | | | | | | |
| January | 76.2 | W | 58.2 | W | W | 46.7 | 76.1 | 55.3 | 56.4 | 71.3 | NA | 54.1 |
| February | 74.8 | W | 60.5 | W | 52.9 | 47.4 | 74.7 | 56.3 | 58.4 | 70.5 | 64.6 | 54.3 |
| March | 73.3 | 58.7 | 61.2 | W | 53.5 | 47.7 | 73.2 | 56.5 | 58.0 | 69.2 | 65.4 | 52.7 |
| April | 73.4 | W | 62.4 | W | 57.4 | 50.8 | 73.3 | 58.9 | 60.4 | 69.4 | 67.4 | 56.4 |
| May | 74.6 | W | 63.3 | W | 59.9 | 53.5 | 74.4 | 61.2 | 60.5 | 70.7 | 68.5 | 58.8 |
| June | 75.3 | W | 64.8 | W | 60.6 | 53.5 | 75.2 | 61.3 | 62.2 | 71.5 | 70.0 | 58.0 |
| July | 77.6 | W | 66.3 | W | W | 55.3 | 77.5 | 63.7 | 63.1 | 73.3 | 71.7 | 59.3 |
| August | 79.0 | W | 65.9 | W | 54.6 | 51.5 | 78.8 | 60.0 | 63.0 | 73.9 | NA | 59.3 |
| September | 78.8 | W | 64.3 | W | W | 49.6 | 78.5 | 57.0 | 60.1 | 71.4 | 66.0 | 51.7 |
| October | 78.1 | W | 65.6 | W | W | 50.8 | 78.0 | 57.8 | 63.3 | 71.4 | 66.1 | 52.7 |
| November | 78.1 | W | 67.8 | W | W | 52.9 | 78.0 | 61.3 | 63.3 | 71.2 | 69.7 | 55.5 |
| December | 77.7 | W | 65.3 | W | W | 50.7 | 77.7 | 58.0 | 60.9 | 71.2 | 68.7 | 53.5 |
| **1988 Average** | **76.5** | **60.1** | **63.7** | W | **56.3** | **51.4** | **76.4** | **58.9** | **60.8** | **71.3** | **67.8** | **55.3** |
| **New York** | | | | | | | | | | | | |
| January | 76.1 | 66.8 | 66.1 | 71.0 | 52.7 | 52.6 | 73.6 | 56.9 | 64.1 | 73.1 | 65.2 | 59.7 |
| February | 74.7 | 65.8 | 64.9 | 68.8 | 52.7 | 53.1 | 71.8 | 56.4 | 63.4 | 71.3 | 64.5 | 59.4 |
| March | 73.0 | 63.0 | 63.9 | 67.8 | 52.8 | 52.4 | 70.5 | 55.9 | 62.4 | 70.5 | 64.6 | 59.0 |
| April | 72.4 | 65.6 | 65.8 | 67.7 | 56.5 | 55.0 | 70.1 | 59.0 | 64.2 | 70.4 | 66.1 | 61.1 |
| May | 73.2 | 66.0 | 67.6 | 68.7 | 58.9 | 57.2 | 71.0 | 61.1 | 66.1 | 71.6 | 68.3 | 62.6 |
| June | 74.2 | 66.1 | 68.3 | 71.7 | 61.4 | 57.9 | 73.0 | 62.8 | 66.8 | 72.3 | 69.1 | 64.0 |
| July | 75.1 | 68.3 | 69.8 | 70.0 | 61.5 | 60.1 | 72.6 | 63.7 | 68.4 | 73.3 | 72.1 | 64.9 |
| August | 76.9 | 65.4 | 69.1 | 70.3 | 60.6 | 57.2 | 73.8 | 62.3 | 67.3 | 73.9 | 71.0 | 62.4 |
| September | 77.4 | 65.4 | 67.5 | 69.7 | 56.6 | 54.2 | 73.7 | 59.6 | 65.5 | 74.7 | 62.6 | 61.5 |
| October | 76.7 | 65.4 | 68.1 | 69.4 | 56.0 | 56.0 | 73.2 | 59.1 | 66.3 | 73.9 | 62.8 | 63.1 |
| November | 76.5 | 67.4 | 69.8 | 69.4 | 50.9 | 59.1 | 73.1 | 53.6 | 68.3 | 74.0 | 64.1 | 66.5 |
| December | 76.0 | 66.4 | 69.1 | 69.3 | 59.5 | 54.2 | 72.9 | 61.9 | 66.6 | 74.8 | 63.1 | 63.5 |
| **1988 Average** | **75.2** | **65.9** | **67.6** | **69.5** | **56.0** | **55.9** | **72.5** | **58.9** | **65.9** | **72.7** | **66.3** | **62.4** |
| **Pennsylvania** | | | | | | | | | | | | |
| January | 68.0 | 55.2 | 52.9 | 64.6 | 51.2 | 52.3 | 66.6 | 53.2 | 52.8 | 68.7 | 66.2 | 56.1 |
| February | 65.1 | 55.1 | 52.6 | 62.9 | 51.8 | 51.1 | 64.2 | 53.4 | 52.3 | 67.0 | 67.1 | 55.4 |
| March | 63.0 | 55.1 | 52.0 | 61.0 | 52.6 | 49.7 | 62.1 | 53.9 | 51.6 | 66.0 | 66.2 | 54.8 |
| April | 65.7 | 58.1 | 55.7 | 62.0 | 56.2 | 53.5 | 64.1 | 57.3 | 55.3 | 67.8 | 69.9 | 58.2 |
| May | 67.6 | 60.1 | 58.6 | 64.2 | 58.0 | 56.4 | 66.2 | 59.2 | 58.1 | 69.5 | 71.0 | 58.9 |
| June | 68.3 | 60.5 | 58.1 | 65.9 | 57.8 | 55.9 | 67.3 | 59.2 | 57.6 | 69.9 | 70.3 | 60.1 |
| July | 70.2 | 62.7 | 59.9 | 65.7 | 61.0 | 57.3 | 68.3 | 61.9 | 59.2 | 71.2 | 72.0 | 62.5 |
| August | 69.8 | 63.5 | 57.9 | 66.8 | 59.8 | 56.5 | 68.6 | 61.5 | 57.6 | 71.7 | 71.3 | 60.0 |
| September | 69.1 | 56.9 | 55.3 | 65.9 | 54.2 | 53.1 | 67.8 | 55.6 | 54.8 | 68.8 | 64.6 | 60.1 |
| October | 68.6 | 56.7 | 56.7 | 64.8 | 54.3 | 54.0 | 67.0 | 55.6 | 56.1 | 69.5 | 64.9 | 60.5 |
| November | 69.5 | 61.3 | 59.0 | 65.3 | 59.4 | 57.5 | 67.7 | 60.4 | 58.7 | 70.6 | 67.1 | 61.8 |
| December | 70.1 | 57.1 | 57.4 | 65.4 | 54.8 | 54.5 | 68.2 | 56.1 | 56.7 | 70.8 | 65.3 | 60.8 |
| **1988 Average** | **68.0** | **58.6** | **56.4** | **64.6** | **56.0** | **54.6** | **66.6** | **57.4** | **56.0** | **69.3** | **68.2** | **58.9** |

See footnotes at end of table.

# Table 29. Refiner/Reseller Total Motor Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Subdistrict IC Average** | | | | | | | | | | | | |
| January | 68.4 | 50.7 | 53.4 | 67.4 | 49.0 | 47.0 | 68.1 | 50.1 | 52.5 | 67.5 | 62.0 | 57.7 |
| February | 66.1 | 51.6 | 54.6 | 64.5 | 51.1 | 48.8 | 65.7 | 51.4 | 53.7 | 66.1 | 62.9 | 58.1 |
| March | 65.1 | 52.0 | 54.9 | 63.0 | 51.7 | 49.6 | 64.6 | 51.9 | 54.0 | 65.2 | 63.0 | 59.3 |
| April | 67.0 | 56.8 | 59.5 | 64.9 | 56.0 | 55.2 | 66.6 | 56.5 | 58.8 | 68.6 | 66.5 | 62.6 |
| May | 68.9 | 58.7 | 60.5 | 66.6 | 56.0 | 55.7 | 68.4 | 57.7 | 59.8 | 69.6 | 66.1 | 63.3 |
| June | 68.9 | 57.7 | 59.5 | 66.3 | W | 54.6 | 68.4 | 57.2 | 58.8 | 69.4 | 66.2 | 63.4 |
| July | 70.6 | W | 63.6 | 67.8 | W | 59.6 | 70.0 | 60.7 | 62.9 | 72.3 | 69.6 | 66.5 |
| August | 72.6 | W | 61.0 | 70.1 | W | 54.9 | 72.1 | 57.8 | 60.1 | 72.0 | 66.6 | 63.7 |
| September | 71.7 | W | 57.3 | 68.7 | W | 50.9 | 71.1 | 53.5 | 56.3 | 72.7 | 67.0 | 63.6 |
| October | 70.5 | W | 58.4 | 67.5 | W | 53.1 | 69.9 | 54.0 | 57.6 | 72.0 | 67.2 | 64.2 |
| November | 69.8 | W | 60.1 | 66.8 | W | 54.7 | 69.2 | 56.8 | 59.2 | 71.9 | 67.2 | 64.5 |
| December | 69.4 | W | 56.5 | 66.6 | W | 50.2 | 68.9 | 51.6 | 55.6 | 70.2 | 65.4 | 62.2 |
| **1988 Average** | **69.1** | **55.8** | **58.3** | **66.6** | **53.5** | **53.0** | **68.6** | **54.8** | **57.5** | **70.0** | **65.9** | **62.5** |
| **Florida** | | | | | | | | | | | | |
| January | 69.4 | 50.8 | 56.8 | 67.1 | W | 46.8 | 69.0 | 49.8 | 54.9 | 68.2 | 62.8 | 55.2 |
| February | 67.2 | 51.9 | 57.7 | 64.6 | W | 49.0 | 66.7 | 51.5 | 56.0 | 66.7 | 63.0 | 56.9 |
| March | 66.8 | 52.3 | 57.8 | 63.5 | W | 49.8 | 66.2 | 52.0 | 56.1 | 66.3 | 64.5 | 57.3 |
| April | 68.3 | 57.5 | 61.5 | 65.3 | W | 55.1 | 67.8 | 57.2 | 60.1 | 69.9 | 68.4 | 61.5 |
| May | 70.4 | 59.0 | 63.5 | 67.3 | W | 56.0 | 69.9 | 57.2 | 62.0 | 71.6 | 68.3 | 62.5 |
| June | 70.8 | 58.0 | 62.8 | 67.6 | W | 54.9 | 70.2 | 57.3 | 61.2 | 71.6 | 68.4 | 62.2 |
| July | 72.3 | 61.5 | 66.3 | 69.5 | W | 59.8 | 71.9 | 60.9 | 64.8 | 74.4 | 72.8 | 65.1 |
| August | 74.6 | 59.1 | 64.9 | 72.2 | W | 55.3 | 74.2 | 56.7 | 62.9 | 74.2 | 70.2 | 64.1 |
| September | 73.9 | 56.4 | 62.3 | 70.4 | W | 51.2 | 73.2 | 53.7 | 60.0 | 76.3 | 69.6 | 66.3 |
| October | 72.9 | 57.5 | 62.4 | 69.2 | W | 53.2 | 72.3 | 54.2 | 60.6 | 74.5 | 70.3 | 66.4 |
| November | 72.4 | 58.9 | 63.2 | 69.0 | W | 54.9 | 71.9 | 56.5 | 61.5 | 73.7 | 70.4 | 66.7 |
| December | 72.1 | 55.1 | 60.9 | 68.3 | W | 50.5 | 71.6 | 50.8 | 58.9 | 71.6 | 68.8 | 64.8 |
| **1988 Average** | **70.9** | **56.4** | **61.6** | **67.6** | **W** | **53.2** | **70.3** | **54.7** | **59.9** | **71.8** | **68.0** | **63.5** |
| **Georgia** | | | | | | | | | | | | |
| January | 65.1 | 49.8 | 50.6 | 63.5 | W | 47.0 | 64.8 | 49.7 | 50.0 | 65.4 | 62.0 | 56.3 |
| February | 62.7 | 52.1 | 52.1 | 60.4 | W | 48.8 | 62.2 | 52.0 | 51.6 | 64.6 | 66.1 | 57.7 |
| March | 60.4 | 52.2 | 52.5 | 58.2 | W | 49.1 | 60.0 | 52.2 | 51.9 | 62.3 | 65.0 | 59.5 |
| April | 63.8 | 57.3 | 58.1 | 60.3 | W | 55.1 | 63.1 | 54.8 | 57.6 | 68.0 | 68.1 | 62.5 |
| May | 65.7 | 59.4 | 58.8 | 63.5 | W | 55.5 | 65.3 | 59.0 | 58.3 | 67.8 | 67.4 | 63.7 |
| June | 65.6 | 58.2 | 57.8 | 63.5 | W | 54.4 | 65.2 | 57.9 | 57.2 | 66.9 | 66.7 | 63.0 |
| July | 67.3 | 61.4 | 62.2 | 64.8 | W | 59.9 | 66.8 | 61.2 | 61.8 | 69.6 | 69.2 | 65.4 |
| August | 69.0 | 59.7 | 58.6 | 66.4 | W | 54.4 | 68.5 | 58.8 | 58.0 | 70.0 | 68.1 | 62.3 |
| September | 68.1 | 54.4 | 54.5 | 64.8 | W | 50.3 | 67.4 | 53.4 | 53.9 | 71.8 | 67.3 | 60.9 |
| October | 66.4 | 55.1 | 55.7 | 63.4 | W | 52.9 | 65.8 | 54.4 | 55.2 | 73.6 | 68.0 | 62.2 |
| November | 64.4 | 58.9 | 58.0 | 62.9 | W | 54.2 | 64.1 | 58.3 | 57.3 | 74.1 | 67.3 | 61.9 |
| December | 64.3 | 54.3 | 53.5 | 62.6 | W | 49.6 | 64.0 | 53.3 | 52.9 | 70.8 | 63.8 | 58.7 |
| **1988 Average** | **65.2** | **56.1** | **56.1** | **62.9** | **W** | **52.8** | **64.8** | **55.4** | **55.6** | **69.1** | **66.6** | **61.2** |
| **North Carolina** | | | | | | | | | | | | |
| January | 66.1 | 46.8 | 49.9 | 67.3 | W | 47.3 | 66.5 | 46.8 | 49.6 | 68.3 | 60.9 | 59.8 |
| February | 62.7 | 47.9 | 51.5 | 64.2 | W | 48.9 | 63.2 | 47.9 | 51.2 | 66.2 | 59.6 | 58.6 |
| March | 62.0 | 48.2 | 52.1 | 62.4 | W | 49.7 | 62.1 | 48.3 | 51.8 | 64.7 | 60.5 | 60.2 |
| April | 63.6 | 53.5 | 57.6 | 65.9 | W | 55.4 | 64.2 | 53.6 | 57.4 | 66.3 | 64.5 | 63.1 |
| May | 65.7 | 55.3 | 58.1 | 65.5 | W | 55.5 | 65.6 | 55.3 | 57.8 | 69.0 | 64.5 | 63.2 |
| June | 66.2 | 54.1 | 56.8 | 64.8 | W | 54.4 | 65.7 | 54.1 | 56.6 | 69.0 | 64.8 | 63.7 |
| July | 67.7 | 57.0 | 61.6 | 66.6 | W | 59.9 | 67.3 | 57.0 | 61.4 | 71.9 | 69.5 | 67.2 |
| August | 70.0 | 56.4 | 57.9 | 69.1 | W | 54.3 | 69.7 | 56.4 | 57.4 | 71.1 | 64.8 | 64.0 |
| September | 69.2 | 50.2 | 53.2 | 67.8 | W | 50.7 | 68.7 | 50.3 | 52.9 | 71.6 | 66.9 | 64.9 |
| October | 67.6 | 50.3 | 55.2 | 65.1 | W | 52.8 | 66.8 | 50.4 | 54.8 | 69.8 | 65.8 | 65.9 |
| November | 67.1 | 54.8 | 57.6 | 65.0 | W | 54.2 | 66.3 | 54.7 | 57.0 | 70.2 | 66.7 | 64.8 |
| December | 66.0 | 50.6 | 52.8 | W | W | 50.0 | 65.8 | 50.5 | 52.4 | 69.7 | 63.9 | 63.2 |
| **1988 Average** | **66.1** | **51.9** | **55.5** | **65.7** | **W** | **53.0** | **66.0** | **51.9** | **55.2** | **69.2** | **64.4** | **63.1** |

See footnotes at end of table.

# Table 29. Refiner/Reseller Total Motor Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **South Carolina** | | | | | | | | | | | | |
| January | 64.3 | 56.2 | 50.1 | 68.8 | W | 46.3 | 65.6 | 55.7 | 49.6 | 66.8 | 62.8 | 56.3 |
| February | 61.9 | 55.4 | 51.8 | 65.6 | W | 48.4 | 63.1 | 54.9 | 51.3 | 65.3 | 62.7 | 56.6 |
| March | 60.2 | 55.9 | 52.3 | 63.2 | W | 49.2 | 61.2 | 55.5 | 51.8 | 65.6 | 63.3 | 58.9 |
| April | 62.3 | 59.3 | 57.5 | 65.3 | W | 55.1 | 63.2 | 58.9 | 57.2 | 68.9 | 67.0 | 61.9 |
| May | 63.4 | 61.7 | 58.0 | 67.3 | W | 54.9 | 64.6 | 61.2 | 57.6 | 68.7 | 66.8 | 62.8 |
| June | 63.5 | 60.2 | 56.9 | 64.2 | W | 53.8 | 63.7 | 59.6 | 56.5 | 69.3 | 66.1 | 63.6 |
| July | 66.1 | 62.9 | 61.4 | 66.2 | W | 57.0 | 66.1 | 62.5 | 60.6 | 72.8 | 67.0 | 66.9 |
| August | 67.9 | 61.7 | 58.1 | 68.9 | W | 54.2 | 68.2 | 60.8 | 57.6 | 72.0 | 64.3 | 64.1 |
| September | 65.8 | 56.7 | 53.6 | 67.8 | W | 50.2 | 66.4 | 55.9 | 53.3 | 67.6 | 66.2 | 60.6 |
| October | 63.9 | 57.1 | 55.2 | 68.5 | W | 52.7 | 65.3 | 56.3 | 54.8 | 66.4 | 67.6 | 61.6 |
| November | 63.0 | 60.9 | 57.6 | 65.5 | W | 54.2 | 63.8 | 59.8 | 57.0 | 66.4 | 65.7 | 63.7 |
| December | 61.8 | 56.5 | 53.0 | 64.9 | W | 49.9 | 62.7 | 55.6 | 52.5 | 65.2 | 65.6 | 59.7 |
| **1988 Average** | **63.7** | **58.6** | **55.6** | **66.3** | W | **52.5** | **64.5** | **57.9** | **55.2** | **67.8** | **65.6** | **61.6** |
| **Virginia** | | | | | | | | | | | | |
| January | 71.4 | 51.2 | 55.7 | 71.0 | 48.1 | 47.1 | 71.3 | 50.3 | 54.7 | 68.8 | 61.9 | 57.0 |
| February | 69.7 | 52.1 | 56.8 | 68.5 | W | 48.8 | 69.5 | 51.9 | 55.8 | 67.8 | 63.2 | 58.7 |
| March | 69.3 | 52.2 | 57.1 | 67.8 | W | 49.5 | 69.0 | 52.0 | 56.1 | 67.0 | 62.8 | 57.6 |
| April | 70.2 | 56.3 | 60.9 | 68.3 | 55.2 | 55.4 | 69.8 | 56.1 | 60.2 | 67.9 | 65.4 | 62.9 |
| May | 71.5 | 59.0 | 61.6 | 69.8 | W | 55.8 | 71.1 | 57.4 | 61.0 | 69.3 | 64.7 | 62.9 |
| June | 71.0 | 57.6 | 60.7 | 70.8 | W | 54.9 | 71.0 | 56.3 | 60.1 | 69.4 | 65.2 | 62.3 |
| July | 72.5 | 60.6 | 64.5 | 71.3 | W | 60.2 | 72.3 | 59.7 | 64.0 | 71.5 | 69.2 | 66.1 |
| August | 74.4 | 60.2 | 62.4 | 72.7 | W | 55.3 | 74.1 | 57.8 | 61.6 | 71.1 | 65.9 | 62.4 |
| September | 73.7 | 54.4 | 59.0 | 72.2 | W | 51.1 | 73.4 | 53.0 | 58.2 | 72.5 | 65.9 | 60.5 |
| October | 73.0 | 56.1 | 60.1 | 71.4 | 52.5 | 53.8 | 72.7 | 54.4 | 59.4 | 72.1 | 66.2 | 60.5 |
| November | 72.9 | 58.7 | 61.3 | 71.2 | 53.9 | 55.5 | 72.5 | 56.2 | 60.7 | 72.1 | 66.6 | 62.6 |
| December | 73.0 | 54.2 | 58.6 | 71.5 | W | 50.7 | 72.7 | 51.1 | 57.8 | 71.6 | 65.8 | 60.3 |
| **1988 Average** | **71.9** | **55.9** | **60.0** | **70.6** | **52.6** | **53.3** | **71.6** | **54.7** | **59.2** | **70.4** | **65.4** | **61.3** |
| **West Virginia** | | | | | | | | | | | | |
| January | 73.9 | 59.6 | 54.2 | 64.8 | W | 49.5 | 73.5 | 56.4 | 53.9 | 69.7 | 60.8 | 62.9 |
| February | 72.7 | 59.7 | 55.2 | 63.1 | W | 48.0 | 72.3 | 56.9 | 54.0 | 67.9 | 62.1 | 63.6 |
| March | 71.5 | 60.6 | 54.8 | 62.3 | W | 51.7 | 71.0 | 58.3 | 54.6 | 68.0 | 63.0 | 62.0 |
| April | 72.2 | 63.4 | 58.6 | 64.2 | W | 57.6 | 71.8 | 61.3 | 58.5 | 69.1 | 65.5 | 64.0 |
| May | 74.8 | 66.4 | 61.1 | 66.1 | W | 56.5 | 74.3 | 63.5 | 60.4 | 69.6 | 66.2 | 65.8 |
| June | 74.8 | 64.8 | 60.6 | 65.4 | W | 55.1 | 74.3 | 62.3 | 59.7 | 70.3 | 69.6 | 66.3 |
| July | 76.3 | 69.0 | 63.8 | 67.7 | W | 60.1 | 75.9 | 66.2 | 63.2 | 73.3 | 73.8 | 69.0 |
| August | 77.6 | 69.4 | 63.4 | 69.6 | W | 58.9 | 77.3 | 65.9 | 63.0 | 73.4 | 70.8 | 67.3 |
| September | 77.0 | 65.1 | 59.2 | 68.3 | W | 54.3 | 76.6 | 61.2 | 58.9 | 72.7 | 64.7 | 65.4 |
| October | 76.2 | 64.3 | 59.3 | 67.0 | W | 55.1 | 75.8 | 60.0 | 59.0 | 72.6 | 63.6 | 65.2 |
| November | 76.0 | 65.8 | 61.0 | 66.9 | W | 59.3 | 75.6 | 62.4 | 60.9 | 73.2 | 68.8 | 66.8 |
| December | W | 63.0 | 58.7 | 65.7 | W | 54.8 | 75.2 | 59.2 | 58.5 | 73.1 | 64.6 | 65.0 |
| **1988 Average** | **75.0** | **64.2** | **59.2** | **65.9** | W | **55.1** | **74.5** | **61.1** | **58.8** | **71.0** | **66.6** | **65.3** |
| **PAD District II Average** | | | | | | | | | | | | |
| January | 64.3 | 52.9 | 52.0 | 60.5 | 48.1 | 47.1 | 63.2 | 52.7 | 50.7 | 63.9 | 61.1 | 53.3 |
| February | 63.1 | 53.4 | 53.0 | 59.4 | 49.3 | 48.5 | 62.1 | 53.2 | 51.8 | 62.6 | 61.2 | 53.8 |
| March | 62.4 | 53.6 | 53.2 | 58.8 | 48.9 | 49.3 | 61.3 | 53.3 | 52.1 | 62.9 | 62.6 | 55.0 |
| April | 67.5 | 57.6 | 58.6 | 64.0 | 50.3 | 55.0 | 66.4 | 57.2 | 57.6 | 66.6 | 66.2 | 59.6 |
| May | 70.3 | 61.3 | 59.8 | 66.6 | 56.1 | 55.4 | 69.2 | 61.1 | 58.6 | 68.0 | 66.9 | 60.2 |
| June | 68.7 | 59.6 | 58.3 | 64.7 | 54.6 | 54.0 | 67.6 | 59.3 | 57.0 | 67.7 | 66.4 | 59.3 |
| July | 71.3 | 62.1 | 63.1 | 67.5 | 59.0 | 59.1 | 70.2 | 61.9 | 62.0 | 71.2 | 70.5 | 63.5 |
| August | 74.0 | 64.0 | 62.2 | 69.9 | 55.8 | 57.2 | 72.8 | 63.1 | 60.8 | 71.4 | 69.5 | 62.0 |
| September | 70.8 | 58.4 | 56.6 | 66.5 | 51.3 | 51.6 | 69.6 | 57.9 | 55.2 | 68.6 | 66.8 | 57.5 |
| October | 68.1 | 56.8 | 56.1 | 63.9 | 52.1 | 51.5 | 66.9 | 56.5 | 54.8 | 67.0 | 66.3 | 57.2 |
| November | 68.8 | 59.8 | 58.4 | 65.2 | 54.3 | 53.6 | 67.7 | 59.4 | 57.0 | 67.2 | 66.4 | 57.9 |
| December | 66.7 | 56.0 | 54.1 | 63.0 | 49.8 | 48.5 | 65.6 | 55.5 | 52.5 | 65.8 | 64.8 | 55.0 |
| **1988 Average** | **68.1** | **58.0** | **57.2** | **64.2** | **52.6** | **52.8** | **67.0** | **57.6** | **56.0** | **67.1** | **65.9** | **58.2** |

See footnotes at end of table.

# Table 29. Refiner/Reseller Total Motor Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Illinois** | | | | | | | | | | | | |
| January | 67.4 | 50.6 | 54.8 | W | - | 47.4 | 65.9 | 50.6 | 54.4 | 64.6 | 60.0 | 53.5 |
| February | 67.2 | 53.6 | 55.8 | W | - | 48.6 | 65.4 | 53.6 | 55.3 | 64.7 | 60.6 | 52.8 |
| March | 64.6 | 52.8 | 55.3 | W | - | 48.2 | 62.9 | 52.8 | 54.5 | 64.5 | 60.5 | 54.2 |
| April | 68.2 | 57.4 | 59.7 | W | - | 54.0 | 66.9 | 57.4 | 59.3 | 67.3 | 66.3 | 59.1 |
| May | 70.4 | 60.7 | 60.7 | W | - | 54.7 | 69.0 | 60.7 | 60.2 | 68.3 | 66.9 | 59.7 |
| June | 70.2 | 57.5 | 59.9 | W | - | 53.1 | 68.5 | 57.5 | 59.3 | 68.4 | 66.3 | 58.7 |
| July | 73.0 | 58.1 | 64.3 | W | W | 60.2 | 71.5 | 58.1 | 63.9 | 70.8 | 69.3 | 63.8 |
| August | 76.5 | 64.3 | 64.9 | W | W | 57.7 | 75.0 | 64.2 | 64.2 | 72.6 | 69.5 | 63.5 |
| September | 74.4 | 63.3 | 59.8 | W | W | 51.4 | 72.8 | 63.1 | 59.1 | 69.9 | 65.2 | 55.8 |
| October | 72.0 | 59.5 | 58.7 | W | W | 51.6 | 70.3 | 59.5 | 58.0 | 69.3 | 65.2 | 56.8 |
| November | 71.3 | 60.5 | 60.4 | W | W | 54.2 | 69.8 | 60.4 | 59.9 | 68.8 | 65.1 | 57.5 |
| December | 68.8 | 59.1 | 56.2 | W | - | 47.4 | 67.2 | 59.1 | 55.2 | 67.0 | 62.2 | 53.5 |
| **1988 Average** | **70.4** | **57.4** | **59.3** | W | W | **52.5** | **68.8** | **57.4** | **58.7** | **68.0** | **64.8** | **57.4** |
| **Indiana** | | | | | | | | | | | | |
| January | 58.4 | 51.4 | 50.8 | W | W | 46.3 | 58.3 | 50.7 | 49.7 | 61.2 | 60.7 | 51.3 |
| February | 59.0 | 52.5 | 52.1 | W | W | 47.7 | 58.5 | 52.0 | 50.9 | 62.3 | 60.9 | 51.7 |
| March | 57.1 | 52.8 | 52.7 | W | W | 48.4 | 57.8 | 52.2 | 51.4 | 64.0 | 65.4 | 52.7 |
| April | 63.4 | 58.1 | 58.8 | W | W | 54.7 | 64.5 | 57.5 | 57.6 | 67.7 | 68.2 | 58.3 |
| May | 65.5 | 60.9 | 59.9 | W | W | 55.3 | 66.0 | 60.3 | 58.5 | 67.8 | 66.9 | 59.1 |
| June | 62.8 | 59.0 | 57.4 | W | W | 53.7 | 62.9 | 58.5 | 56.5 | 66.5 | 66.7 | 57.2 |
| July | 66.4 | 62.3 | 62.8 | W | W | 59.4 | 66.4 | 62.1 | 62.0 | 71.1 | 72.2 | 61.2 |
| August | 68.4 | 63.6 | 61.8 | W | W | 56.6 | 68.5 | 62.3 | 60.3 | 71.4 | 68.4 | 60.5 |
| September | 63.4 | 55.9 | 55.5 | W | W | 50.3 | 63.6 | 55.3 | 54.2 | 68.3 | 65.6 | 58.6 |
| October | 60.1 | 56.1 | 55.3 | W | W | 51.6 | 60.4 | 55.3 | 54.2 | 65.9 | 68.0 | 55.5 |
| November | 64.6 | 60.2 | 58.5 | W | W | 54.5 | 64.9 | 59.3 | 57.4 | 68.4 | 65.7 | 58.3 |
| December | 61.6 | 54.7 | 53.3 | W | W | 49.4 | 61.7 | 53.8 | 52.2 | 63.4 | 64.7 | 54.7 |
| **1988 Average** | **62.7** | **57.1** | **56.7** | W | W | **52.4** | **62.9** | **56.5** | **55.5** | **66.6** | **66.2** | **56.8** |
| **Iowa** | | | | | | | | | | | | |
| January | 62.4 | 48.2 | 50.5 | 61.3 | - | 47.4 | 61.6 | 48.2 | 49.3 | 64.0 | 64.2 | 52.8 |
| February | 61.8 | 50.7 | 52.2 | 60.3 | - | 49.3 | 60.7 | 50.7 | 51.1 | 63.5 | 62.5 | 54.2 |
| March | 61.6 | 51.0 | 53.2 | 60.1 | W | 50.5 | 60.5 | 50.9 | 52.1 | 63.2 | 64.8 | 54.5 |
| April | 66.2 | 55.9 | 58.7 | 65.0 | W | 55.9 | 65.4 | 55.8 | 57.6 | 69.4 | 66.8 | 59.7 |
| May | 70.1 | 56.7 | 59.6 | 68.3 | W | 56.2 | 68.8 | 56.6 | 58.2 | 70.6 | 70.3 | 61.3 |
| June | 69.5 | 55.5 | 58.2 | 67.6 | W | 54.3 | 68.1 | 55.5 | 56.5 | 70.6 | 69.2 | 59.2 |
| July | 70.8 | 60.7 | 62.5 | 69.3 | - | 59.5 | 69.7 | 60.7 | 61.3 | 71.9 | 71.4 | 63.5 |
| August | 74.3 | 59.3 | 61.9 | 71.4 | W | 57.8 | 72.2 | 59.2 | 60.2 | 73.1 | 71.7 | 62.5 |
| September | 69.1 | 51.8 | 55.6 | 66.9 | - | 52.0 | 67.5 | 51.8 | 54.1 | 66.5 | 69.6 | 57.3 |
| October | 66.0 | 52.1 | 54.5 | 63.5 | - | 51.7 | 64.1 | 52.1 | 53.4 | 66.0 | 67.6 | 56.5 |
| November | 65.0 | 54.7 | 56.6 | 63.5 | - | 53.4 | 63.8 | 54.7 | 55.4 | 64.5 | 66.7 | 58.3 |
| December | 65.7 | 51.4 | 52.7 | 64.3 | W | 48.3 | 64.6 | 51.3 | 50.8 | 67.1 | 67.5 | 54.7 |
| **1988 Average** | **66.9** | **53.6** | **56.5** | **65.1** | W | **53.1** | **65.6** | **53.6** | **55.1** | **67.4** | **67.9** | **57.9** |
| **Kansas** | | | | | | | | | | | | |
| January | 62.4 | 46.7 | 48.5 | 62.0 | W | 45.4 | 62.2 | 46.7 | 46.4 | 65.7 | 58.0 | 48.6 |
| February | 62.2 | W | 49.6 | 60.7 | W | 46.9 | 61.4 | 48.0 | 47.8 | 64.8 | 58.9 | 49.2 |
| March | 61.4 | W | 50.2 | 60.9 | W | 47.7 | 61.1 | W | 48.6 | 65.2 | 60.0 | 51.6 |
| April | 65.3 | 54.3 | 56.5 | 64.2 | W | 53.0 | 64.6 | 54.2 | 54.0 | 67.8 | 66.2 | 55.2 |
| May | 68.7 | 55.5 | 57.3 | 67.5 | W | 53.9 | 67.9 | 55.4 | 54.9 | 69.4 | 62.7 | 55.9 |
| June | 68.2 | 53.1 | 55.9 | 66.0 | W | 52.7 | 66.9 | 53.3 | 53.6 | 69.4 | 64.4 | 55.6 |
| July | 69.8 | 57.1 | 60.6 | 68.4 | W | 56.2 | 68.9 | 57.4 | 57.3 | 72.0 | 69.7 | 59.5 |
| August | 69.6 | 58.3 | 59.6 | 69.4 | W | 54.3 | 69.5 | 57.3 | 55.9 | 72.4 | 66.7 | 58.4 |
| September | 64.7 | 51.1 | 53.4 | 64.3 | W | 50.2 | 64.4 | 51.5 | 51.3 | 65.3 | 65.6 | 54.5 |
| October | 63.7 | 50.4 | 52.0 | 61.5 | W | 49.4 | 62.4 | 50.8 | 50.2 | 63.1 | 65.4 | 52.2 |
| November | 64.4 | 54.0 | 53.8 | 63.1 | W | 51.3 | 63.6 | 54.0 | 52.1 | 64.4 | 64.8 | 53.2 |
| December | 62.6 | 46.4 | 50.3 | 62.1 | W | 46.4 | 62.3 | 46.8 | 47.7 | 63.3 | 64.3 | 49.6 |
| **1988 Average** | **65.3** | W | **54.0** | **64.4** | **53.9** | **51.0** | **64.7** | **52.0** | **51.9** | **66.5** | **64.1** | **54.1** |

See footnotes at end of table.

# Table 29. Refiner/Reseller Total Motor Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Kentucky** | | | | | | | | | | | | |
| January | 62.9 | 54.2 | 52.1 | 60.0 | W | 51.2 | 62.3 | 54.2 | 52.0 | 61.9 | 60.2 | 60.5 |
| February | 62.4 | 55.1 | 53.1 | 60.6 | W | 52.8 | 62.0 | 55.0 | 53.1 | 61.5 | 61.3 | 60.8 |
| March | 63.8 | 55.3 | 54.1 | 60.9 | W | 52.2 | 63.2 | 55.3 | 53.9 | 62.8 | 60.0 | 59.9 |
| April | 69.9 | 60.8 | 60.0 | 65.7 | W | 56.1 | 69.0 | 60.8 | 59.5 | 67.0 | 64.7 | 64.5 |
| May | 73.9 | 63.6 | 62.0 | 69.7 | W | 57.0 | 73.0 | 63.6 | 61.5 | 72.0 | 65.5 | 65.8 |
| June | 72.8 | 62.0 | 60.3 | 67.7 | - | 55.3 | 71.8 | 62.0 | 59.7 | 70.6 | 66.5 | 65.9 |
| July | 72.4 | 66.3 | 65.3 | 68.8 | W | 60.8 | 71.8 | 66.3 | 64.8 | 72.0 | 69.1 | 68.2 |
| August | 75.2 | 65.4 | 61.9 | 70.7 | - | 58.6 | 74.4 | 65.4 | 61.6 | 72.9 | 66.3 | 66.1 |
| September | 70.9 | 59.2 | 55.2 | 69.1 | W | 52.4 | 70.5 | 59.2 | 55.0 | 71.4 | 66.5 | 63.5 |
| October | 67.3 | 59.3 | 56.2 | 66.1 | - | 54.8 | 67.1 | 59.3 | 56.1 | 68.4 | 66.6 | 63.7 |
| November | 69.8 | 62.2 | 59.5 | 67.9 | - | 55.8 | 69.5 | 62.2 | 59.2 | 70.3 | 67.3 | 64.3 |
| December | 68.4 | 58.9 | 55.4 | 66.2 | - | 51.4 | 68.0 | 58.9 | 55.1 | 69.7 | 64.3 | 62.5 |
| **1988 Average** | **69.3** | **60.2** | **58.0** | **66.1** | W | **55.3** | **68.7** | **60.2** | **57.7** | **68.5** | **65.3** | **64.1** |
| **Michigan** | | | | | | | | | | | | |
| January | 64.2 | 53.8 | 54.2 | 61.7 | - | 48.8 | 63.0 | 53.8 | 53.3 | 65.2 | 62.7 | 56.4 |
| February | 62.0 | 53.7 | 54.0 | 59.9 | - | 49.3 | 61.0 | 53.7 | 53.1 | 62.1 | 62.8 | 56.1 |
| March | 58.9 | 53.9 | 53.8 | 58.6 | - | 50.0 | 58.7 | 53.9 | 53.1 | 62.6 | NA | 57.3 |
| April | 64.7 | 57.8 | 59.4 | 63.9 | - | 55.8 | 64.3 | 57.8 | 58.7 | 65.0 | 66.2 | 62.2 |
| May | 67.6 | 61.0 | 61.0 | 66.9 | - | 56.6 | 67.3 | 61.0 | 60.2 | 68.5 | 67.4 | 62.3 |
| June | 65.7 | 59.8 | 58.8 | 64.9 | - | 53.9 | 65.3 | 59.8 | 57.8 | 67.4 | 65.6 | 62.1 |
| July | 68.6 | 62.0 | 63.8 | 67.6 | - | 61.7 | 68.1 | 62.0 | 63.4 | 72.0 | 69.5 | 63.8 |
| August | 71.4 | 64.4 | 65.1 | 70.0 | W | 60.1 | 70.7 | 64.4 | 64.1 | 72.4 | 69.9 | 64.2 |
| September | 68.5 | 60.0 | 58.9 | 67.3 | - | 52.8 | 67.9 | 60.0 | 57.8 | 70.1 | 65.3 | 60.4 |
| October | 65.5 | 57.1 | 58.1 | 65.0 | - | 53.5 | 65.2 | 57.1 | 57.2 | 68.6 | 65.6 | 60.5 |
| November | 67.2 | 60.1 | 61.6 | 66.1 | - | 57.7 | 66.7 | 60.1 | 60.9 | 68.5 | 67.4 | 62.1 |
| December | 65.4 | 58.0 | 57.5 | 64.2 | - | 51.4 | 64.7 | 58.0 | 56.3 | 66.8 | 64.6 | 57.8 |
| **1988 Average** | **65.9** | **58.4** | **59.1** | **64.8** | W | **54.6** | **65.3** | **58.4** | **58.2** | **67.8** | **66.1** | **60.9** |
| **Minnesota** | | | | | | | | | | | | |
| January | 67.9 | 50.8 | 53.1 | 65.9 | W | 48.9 | 67.6 | 50.6 | 51.5 | 69.5 | 67.2 | 53.4 |
| February | 65.0 | 51.5 | 53.6 | 62.7 | W | 50.1 | 64.7 | 51.4 | 52.1 | 67.6 | 66.8 | 53.4 |
| March | 62.8 | 52.2 | 53.9 | 59.6 | W | 51.4 | 62.4 | 52.2 | 52.9 | 68.1 | 66.2 | 55.6 |
| April | 67.1 | 57.4 | 59.4 | 64.5 | W | 57.2 | 66.7 | 57.4 | 58.5 | 68.1 | 68.8 | 60.6 |
| May | 71.1 | 58.8 | 60.7 | 68.8 | W | 57.3 | 70.8 | 58.8 | 59.3 | 70.7 | 70.9 | 60.3 |
| June | 70.7 | 57.7 | 59.7 | 68.0 | W | 56.3 | 70.3 | 57.6 | 58.3 | 71.1 | 70.6 | 59.5 |
| July | 73.0 | 61.5 | 63.9 | 70.3 | W | 61.5 | 72.5 | 61.6 | 62.9 | 73.9 | 74.2 | 64.3 |
| August | 76.1 | 62.4 | 64.3 | 74.1 | W | 60.2 | 75.7 | 62.3 | 62.6 | 74.1 | 75.1 | 62.3 |
| September | 74.2 | 57.3 | 59.0 | 72.4 | W | 54.5 | 73.9 | 57.1 | 57.1 | 72.1 | 69.4 | 58.4 |
| October | 71.8 | 53.7 | 57.0 | 70.4 | W | 53.2 | 71.5 | 53.7 | 55.4 | 70.7 | 67.9 | 58.5 |
| November | 70.1 | 54.5 | 57.2 | 68.3 | W | 53.9 | 69.7 | 54.5 | 55.8 | 70.4 | 66.9 | 57.2 |
| December | 67.5 | 51.4 | 53.6 | 65.8 | W | 50.0 | 67.2 | 51.4 | 52.2 | 67.8 | 66.5 | 55.0 |
| **1988 Average** | **69.9** | **55.6** | **58.1** | **68.2** | W | **54.7** | **69.6** | **55.5** | **56.7** | **70.4** | **69.8** | **58.6** |
| **Missouri** | | | | | | | | | | | | |
| January | 65.5 | 49.6 | 52.2 | 61.6 | W | 46.2 | 63.8 | 49.5 | 50.2 | 66.1 | 58.7 | 50.4 |
| February | 64.5 | 49.6 | 53.4 | 60.2 | W | 48.1 | 62.6 | 49.5 | 51.7 | 63.2 | 59.0 | 51.5 |
| March | 62.9 | 52.0 | 53.2 | 59.3 | W | 48.8 | 61.3 | 51.9 | 51.7 | 61.8 | 62.3 | 53.3 |
| April | 66.2 | 53.8 | 58.3 | 63.2 | W | 54.6 | 64.9 | 49.5 | 57.0 | 65.1 | 67.4 | 58.2 |
| May | 68.8 | 58.0 | 59.2 | 65.8 | W | 54.9 | 67.5 | 57.9 | 57.6 | 66.5 | 67.9 | 57.8 |
| June | 67.8 | 57.4 | 57.7 | 64.2 | W | 53.7 | 66.3 | 57.1 | 56.1 | 66.1 | 66.2 | 57.8 |
| July | 70.1 | 58.4 | 62.1 | 66.6 | W | 58.1 | 68.6 | 58.3 | 60.6 | 68.2 | 68.9 | 62.5 |
| August | 71.0 | 61.3 | 61.0 | 67.4 | W | 55.8 | 69.4 | 61.2 | 58.9 | 69.0 | 69.1 | 59.3 |
| September | 68.0 | 56.5 | 56.0 | 63.0 | W | 50.7 | 65.8 | 55.9 | 54.1 | 64.0 | 65.9 | 55.1 |
| October | 66.9 | 52.7 | 55.1 | 62.2 | W | 50.6 | 64.8 | 52.4 | 53.5 | 63.3 | 66.2 | 55.2 |
| November | 66.4 | 54.3 | 57.0 | 62.3 | W | 53.0 | 64.6 | 54.4 | 55.6 | 63.2 | 65.2 | 55.8 |
| December | 64.6 | 53.2 | 52.7 | 59.9 | W | 47.6 | 62.5 | 52.2 | 51.0 | 62.3 | 66.3 | 52.7 |
| **1988 Average** | **66.9** | **54.4** | **56.5** | **63.0** | **51.5** | **52.2** | **65.2** | **53.8** | **55.0** | **65.0** | **65.1** | **56.2** |

See footnotes at end of table.

# Table 29. Refiner/Reseller Total Motor Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Nebraska** | | | | | | | | | | | | |
| January | W | 47.7 | 49.5 | 56.0 | - | 46.8 | 56.4 | 47.7 | 48.0 | 63.9 | 62.9 | 51.1 |
| February | W | 49.8 | 51.5 | 57.7 | W | 48.5 | 58.9 | 49.2 | 49.9 | 63.1 | 63.0 | 52.4 |
| March | W | 50.1 | 52.1 | 57.4 | W | 49.6 | 58.6 | 50.1 | 50.8 | 64.0 | 62.0 | 52.6 |
| April | W | 54.5 | 57.7 | 62.6 | W | 55.2 | 64.1 | 54.5 | 56.3 | 66.3 | 63.8 | 58.1 |
| May | W | 56.3 | 58.6 | 64.4 | W | 55.6 | 65.5 | 56.3 | 57.0 | 66.6 | 62.8 | 58.1 |
| June | W | W | 57.1 | 62.6 | W | 54.1 | 64.1 | W | 55.4 | 66.5 | 64.0 | 59.3 |
| July | W | W | 61.5 | 65.3 | W | 59.3 | 66.7 | W | 60.3 | 69.8 | 67.2 | 62.9 |
| August | W | W | 60.4 | 67.7 | W | 57.0 | 69.2 | 57.6 | 58.7 | 69.8 | 66.6 | 59.8 |
| September | W | W | 54.1 | 63.8 | W | 51.2 | 65.5 | 51.5 | 52.6 | 70.0 | 64.8 | 56.8 |
| October | W | W | 53.2 | 60.6 | W | 50.5 | 62.4 | W | 51.7 | 67.6 | 63.5 | 55.7 |
| November | W | 53.3 | 55.3 | 62.0 | W | 52.5 | 63.4 | 53.2 | 53.8 | 66.7 | 63.4 | 56.5 |
| December | W | 50.2 | 51.1 | 60.4 | W | 47.8 | 61.5 | 50.1 | 49.4 | 64.8 | 60.8 | 53.5 |
| **1988 Average** | W | **53.3** | **55.4** | **61.8** | W | **52.4** | **63.0** | **53.2** | **53.8** | **66.7** | **64.0** | **56.8** |
| **North Dakota** | | | | | | | | | | | | |
| January | 68.5 | 50.9 | 52.9 | W | - | 49.7 | 67.7 | 50.9 | 51.3 | 67.0 | 68.0 | 51.6 |
| February | 70.1 | 52.1 | 53.6 | W | - | 50.4 | 69.4 | 52.1 | 51.8 | 65.8 | 66.7 | 54.7 |
| March | 69.8 | 52.4 | 54.3 | W | - | 52.0 | 69.1 | 52.4 | 53.1 | 66.6 | 67.2 | 56.0 |
| April | 73.5 | 57.2 | 59.4 | W | - | 57.6 | 72.8 | 57.2 | 58.5 | 68.9 | 71.2 | 61.2 |
| May | 78.0 | 58.7 | 61.7 | W | - | 58.0 | 76.9 | 58.7 | 59.9 | 72.8 | 72.5 | 59.9 |
| June | 78.5 | 58.0 | 60.4 | W | - | 57.1 | 77.8 | 58.0 | 58.8 | 73.3 | 72.2 | 58.1 |
| July | 78.4 | 60.4 | 64.6 | W | - | 61.2 | 77.3 | 60.4 | 62.9 | 73.1 | 74.0 | 65.8 |
| August | 82.6 | 63.4 | 65.4 | W | - | 61.7 | 80.9 | 63.4 | 63.6 | 75.0 | 76.9 | 60.1 |
| September | 81.0 | 56.6 | 60.1 | W | - | 55.7 | 79.4 | 56.6 | 57.8 | 71.4 | 73.0 | 57.4 |
| October | 74.2 | 55.2 | 57.0 | W | - | 54.2 | 73.6 | 55.2 | 55.6 | 69.3 | 70.6 | 58.0 |
| November | 74.4 | 55.8 | 57.8 | W | - | 54.9 | 73.3 | 55.8 | 56.4 | 71.7 | 69.6 | 57.7 |
| December | 77.1 | 52.7 | 55.3 | W | - | 51.0 | 76.1 | 52.7 | 53.1 | 69.9 | 70.2 | 54.4 |
| **1988 Average** | **75.5** | **56.7** | **58.9** | **66.6** | - | **55.4** | **74.6** | **56.7** | **57.1** | **70.7** | **71.4** | **58.4** |
| **Ohio** | | | | | | | | | | | | |
| January | 65.5 | 56.6 | 51.9 | W | W | 47.9 | 64.7 | 56.5 | 51.5 | 61.0 | 60.4 | 55.5 |
| February | 63.7 | 56.4 | 53.2 | W | W | 49.7 | 63.0 | 56.3 | 52.9 | 57.3 | 61.2 | 55.4 |
| March | 64.3 | 57.2 | 53.9 | W | W | 50.1 | 63.7 | 57.1 | 53.6 | 59.0 | 61.4 | 54.9 |
| April | 69.8 | 62.2 | 59.4 | W | W | 56.3 | 69.1 | 62.1 | 59.1 | 64.5 | 65.7 | 60.1 |
| May | 72.9 | 65.3 | 61.0 | W | W | 56.9 | 72.2 | 65.1 | 60.6 | 64.1 | 67.1 | 62.0 |
| June | 70.5 | 63.5 | 58.8 | W | W | 54.6 | 69.8 | 63.2 | 58.4 | 61.4 | 66.0 | 59.4 |
| July | 72.8 | 66.3 | 63.7 | W | W | 60.8 | 72.2 | 66.3 | 63.5 | 71.1 | 70.1 | 64.8 |
| August | 75.8 | 67.1 | 61.7 | W | W | 57.9 | 75.2 | 66.9 | 61.4 | NA | 67.8 | 62.6 |
| September | 72.7 | 61.4 | 56.6 | W | W | 51.3 | 72.0 | 61.2 | 56.3 | 69.2 | 66.4 | 59.4 |
| October | 69.7 | 60.4 | 57.2 | W | W | 53.1 | 69.0 | 60.2 | 56.8 | 67.2 | 65.2 | 59.6 |
| November | 70.3 | 63.9 | 59.1 | W | W | 56.1 | 69.8 | 63.5 | 58.8 | 68.6 | 67.6 | 62.2 |
| December | 68.2 | 59.9 | 54.2 | W | W | 49.1 | 67.3 | 59.5 | 53.8 | 65.6 | 63.7 | 58.4 |
| **1988 Average** | **69.8** | **61.7** | **57.6** | W | W | **53.7** | **69.1** | **61.5** | **57.3** | **64.3** | **65.4** | **59.7** |
| **Oklahoma** | | | | | | | | | | | | |
| January | 57.8 | 46.3 | 46.0 | 58.7 | 46.3 | 45.4 | 58.1 | 46.3 | 45.8 | 63.1 | 58.1 | 49.8 |
| February | 59.5 | 48.0 | 47.6 | 56.4 | 48.7 | 47.0 | 58.6 | 48.1 | 47.4 | 61.7 | 58.3 | 50.6 |
| March | 59.9 | 48.2 | 48.2 | 57.7 | W | 47.9 | 59.2 | 47.9 | 48.1 | 62.0 | 60.7 | 52.1 |
| April | 66.3 | 51.3 | 53.8 | 63.2 | 54.4 | 53.4 | 65.4 | 51.3 | 53.7 | 66.2 | 63.3 | 55.3 |
| May | 69.0 | 55.1 | 54.9 | 67.2 | 55.3 | 54.1 | 68.5 | 55.1 | 54.6 | 68.8 | 64.6 | 56.8 |
| June | 66.7 | 53.7 | 53.5 | 65.1 | 53.3 | 52.8 | 66.2 | 53.7 | 53.2 | 69.3 | 65.1 | 56.4 |
| July | 69.9 | 58.2 | 58.1 | 66.8 | 59.4 | 56.9 | 69.0 | 58.3 | 57.6 | 69.9 | 67.7 | 56.6 |
| August | 70.8 | 57.7 | 56.3 | 69.2 | 52.8 | 55.2 | 70.3 | 55.9 | 55.8 | 70.9 | 67.0 | 56.5 |
| September | 65.7 | 51.5 | 50.8 | 64.5 | 48.3 | 50.0 | 65.4 | 50.8 | 50.5 | 69.3 | 64.1 | 53.2 |
| October | 62.8 | 50.6 | 49.6 | 60.1 | 50.8 | 48.7 | 62.0 | 50.6 | 49.2 | 66.7 | 58.6 | 53.2 |
| November | 64.0 | 53.0 | 51.2 | 61.4 | 52.9 | 50.9 | 63.2 | 53.0 | 51.1 | 66.5 | 59.2 | 55.3 |
| December | 61.9 | 48.4 | 47.4 | 60.0 | 48.5 | 46.6 | 61.4 | 48.4 | 47.1 | 66.0 | 61.2 | 52.3 |
| **1988 Average** | **64.6** | **52.2** | **51.5** | **62.6** | **51.3** | **50.9** | **64.0** | **52.1** | **51.3** | **66.8** | **62.7** | **54.3** |

See footnotes at end of table.

# Table 29. Refiner/Reseller Total Motor Gasoline Prices by Seller Type (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **South Dakota** | | | | | | | | | | | | |
| January | W | 50.4 | 50.6 | W | W | 48.0 | W | 50.1 | 49.2 | 64.5 | 62.7 | 53.0 |
| February | W | W | 51.5 | W | W | 48.9 | W | 51.0 | 50.1 | 62.3 | 64.0 | 51.9 |
| March | W | W | 52.3 | W | W | 50.4 | W | 52.9 | 51.3 | 63.9 | 65.6 | 54.5 |
| April | W | W | 57.5 | W | W | 55.6 | W | 57.2 | 56.5 | 67.0 | 69.0 | 58.9 |
| May | W | W | 59.7 | W | W | 57.6 | W | 59.1 | 58.7 | 67.9 | 70.1 | 60.6 |
| June | W | 58.3 | 59.1 | W | W | 56.2 | W | 58.1 | 57.6 | 69.1 | 69.2 | 59.3 |
| July | W | 60.1 | 62.4 | W | W | 60.3 | W | 59.9 | 61.3 | 71.6 | 70.5 | 62.1 |
| August | W | 63.3 | 63.4 | W | W | 60.4 | W | 63.2 | 62.0 | 72.2 | 71.1 | 63.6 |
| September | W | 58.7 | 58.8 | W | W | 54.9 | W | 58.3 | 56.9 | 70.5 | 71.3 | 60.6 |
| October | W | 54.2 | 55.9 | W | W | 53.2 | 70.0 | 54.2 | 54.5 | 68.5 | 69.7 | 58.2 |
| November | W | W | 56.1 | W | W | 54.1 | 67.7 | 54.7 | 55.2 | 67.2 | 69.9 | 57.9 |
| December | W | 52.2 | 53.2 | W | – | 50.2 | 68.1 | 52.2 | 51.7 | 66.5 | 69.6 | 56.0 |
| **1988 Average** | W | **56.2** | **57.2** | W | W | **54.3** | **67.4** | **56.1** | **55.7** | **68.0** | **69.0** | **58.7** |
| **Tennessee** | | | | | | | | | | | | |
| January | 63.4 | 49.4 | 50.0 | 62.5 | W | 46.4 | 63.1 | 48.7 | 49.3 | 61.2 | 55.5 | 58.7 |
| February | 61.0 | 50.6 | 51.4 | 62.1 | 49.5 | 48.2 | 61.4 | 50.1 | 50.8 | 60.3 | 56.4 | 58.1 |
| March | 60.5 | 50.9 | 51.9 | 60.9 | 49.5 | 48.5 | 60.7 | 50.3 | 51.1 | 60.6 | 59.1 | 58.5 |
| April | 64.6 | 55.5 | 57.4 | 64.8 | W | 54.6 | 64.7 | 55.5 | 56.8 | 66.1 | 62.5 | 64.4 |
| May | 67.0 | 57.8 | 58.3 | 68.0 | W | 54.8 | 67.4 | 57.4 | 57.6 | 66.5 | 62.5 | 64.6 |
| June | 67.0 | 56.9 | 57.3 | 67.4 | W | 53.5 | 67.1 | 55.7 | 56.6 | 68.2 | 64.5 | 64.9 |
| July | 70.1 | 60.8 | 62.0 | 69.4 | 56.8 | 59.2 | 69.9 | 59.6 | 61.4 | 71.4 | 69.0 | 68.5 |
| August | 72.2 | 58.4 | 58.5 | 72.9 | W | 54.3 | 72.5 | 58.2 | 57.6 | 72.3 | 63.9 | 65.0 |
| September | 70.4 | 54.0 | 54.1 | 71.4 | W | 49.8 | 70.7 | 53.3 | 53.3 | 69.9 | 62.9 | 57.1 |
| October | 68.3 | 54.8 | 55.3 | 69.1 | W | 52.1 | 68.6 | 54.1 | 54.6 | 68.1 | 63.3 | 56.4 |
| November | 67.6 | 57.4 | 57.8 | 68.6 | W | 53.7 | 67.9 | 56.9 | 56.8 | 67.5 | 64.2 | 57.1 |
| December | 67.3 | 53.0 | 53.5 | 68.1 | W | 49.0 | 67.5 | 51.9 | 52.5 | 66.8 | 63.6 | 55.3 |
| **1988 Average** | **66.7** | **55.1** | **55.8** | **67.2** | **51.7** | **52.2** | **66.8** | **54.1** | **55.0** | **67.1** | **62.1** | **61.6** |
| **Wisconsin** | | | | | | | | | | | | |
| January | 59.8 | 57.4 | 51.2 | W | W | 48.9 | 59.6 | 55.7 | 50.5 | 63.9 | 62.4 | 53.1 |
| February | 59.9 | W | 52.7 | W | W | 50.1 | 59.5 | 52.0 | 51.8 | 63.7 | 61.3 | 55.1 |
| March | 58.1 | 51.0 | 52.5 | W | W | 50.4 | 57.7 | 51.0 | 51.8 | 61.9 | 60.4 | 55.7 |
| April | 64.8 | 57.9 | 58.4 | W | W | 56.4 | 64.2 | 57.4 | 57.8 | 67.6 | 64.5 | 59.3 |
| May | 66.1 | 58.3 | 58.6 | W | W | 56.4 | 65.7 | 57.7 | 57.9 | 67.5 | 65.9 | 59.2 |
| June | 64.5 | 55.7 | 56.9 | W | W | 54.7 | 64.1 | 55.4 | 56.2 | 67.7 | 64.9 | 57.3 |
| July | 69.9 | 62.0 | 63.7 | W | W | 62.3 | 69.3 | 61.4 | 63.3 | 71.6 | 72.1 | 66.4 |
| August | 72.6 | 63.0 | 63.7 | W | W | 60.8 | 72.1 | 62.5 | 62.7 | 73.1 | 71.6 | 65.6 |
| September | 68.7 | 56.0 | 56.3 | W | W | 53.1 | 68.3 | 55.3 | 55.2 | 67.4 | 68.0 | 58.9 |
| October | 65.5 | 55.0 | 55.5 | W | W | 53.9 | 65.1 | 54.5 | 55.0 | 65.6 | 67.1 | 57.6 |
| November | 67.4 | 58.0 | 58.5 | W | W | 55.4 | 67.1 | 57.1 | 57.5 | 66.4 | 67.2 | 56.8 |
| December | 63.4 | 52.1 | 52.3 | W | W | 49.1 | 63.1 | 52.0 | 51.2 | 63.9 | 65.6 | 55.5 |
| **1988 Average** | **65.2** | **56.6** | **56.9** | W | W | **54.4** | **64.7** | **56.2** | **56.1** | **66.9** | **65.8** | **58.7** |
| **PAD District III Average** | | | | | | | | | | | | |
| January | 67.3 | W | 49.9 | 63.2 | 46.4 | 45.5 | 66.1 | 49.6 | 48.0 | 65.3 | 60.7 | 52.3 |
| February | 65.2 | W | 50.6 | 60.8 | 46.0 | 46.6 | 63.9 | 46.8 | 49.0 | 64.1 | 59.8 | 54.0 |
| March | 64.0 | W | 50.7 | 59.4 | 47.3 | 47.4 | 62.7 | 48.8 | 49.4 | 63.8 | 61.2 | 54.2 |
| April | 66.1 | W | 55.2 | 61.9 | 49.7 | 51.7 | 64.8 | 50.5 | 53.9 | 66.7 | 64.9 | 56.0 |
| May | 68.1 | W | 56.7 | 64.4 | 54.7 | 53.4 | 67.1 | 52.9 | 55.5 | 68.5 | 65.7 | 58.9 |
| June | 68.4 | W | 55.9 | 64.2 | 52.2 | 53.6 | 67.1 | 53.5 | 55.0 | 68.4 | 66.5 | 58.5 |
| July | 70.2 | W | 59.4 | 66.4 | 52.4 | 56.1 | 69.1 | 54.1 | 58.1 | 70.8 | 69.6 | 60.6 |
| August | 72.6 | W | 57.4 | 69.5 | 52.0 | 53.5 | 71.8 | 53.8 | 55.9 | 71.5 | 68.7 | 59.3 |
| September | 71.8 | W | 54.2 | 67.7 | 47.4 | 49.5 | 70.6 | 50.0 | 52.3 | 70.6 | 64.3 | 55.6 |
| October | 70.3 | W | 54.2 | 65.6 | 45.9 | 49.0 | 69.0 | 48.9 | 52.0 | 69.5 | 64.8 | 54.2 |
| November | 69.3 | W | 55.9 | 64.6 | 49.9 | 51.1 | 68.1 | 52.9 | 53.8 | 67.9 | 65.1 | 55.7 |
| December | 68.4 | W | 51.7 | 63.8 | 47.7 | 47.7 | 67.1 | 50.3 | 49.9 | 67.1 | 62.1 | 53.4 |
| **1988 Average** | **68.5** | **52.6** | **54.4** | **64.3** | **48.9** | **50.5** | **67.3** | **51.0** | **52.8** | **67.8** | **64.5** | **56.2** |

See footnotes at end of table.

# Table 29. Refiner/Reseller Total Motor Gasoline Prices by Seller Type (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Alabama** | | | | | | | | | | | | |
| January | 64.8 | 49.6 | 49.6 | 68.7 | W | 45.8 | 66.3 | 49.0 | 48.8 | 64.0 | 64.2 | 59.9 |
| February | 62.5 | 51.7 | 51.4 | 64.8 | W | 47.9 | 63.5 | 51.5 | 50.5 | 63.3 | 64.1 | 59.4 |
| March | 61.9 | 52.7 | 51.9 | 64.5 | W | 48.4 | 63.0 | 52.3 | 50.9 | 62.8 | 63.5 | 60.2 |
| April | 65.4 | 57.4 | 57.7 | 68.9 | 54.4 | 53.6 | 66.8 | 57.0 | 56.5 | 66.5 | 67.7 | 64.5 |
| May | 68.3 | 58.3 | 58.1 | 71.1 | W | 54.4 | 69.4 | 58.2 | 56.9 | 68.4 | 67.8 | 65.0 |
| June | 67.9 | 58.0 | 57.1 | 69.9 | 57.5 | 52.8 | 68.7 | 57.9 | 55.7 | 68.6 | 69.3 | 67.4 |
| July | 70.4 | 60.9 | 61.8 | 75.3 | W | 56.9 | 72.2 | 61.1 | 59.9 | 70.8 | 69.5 | 67.9 |
| August | 72.4 | 56.9 | 57.7 | 73.3 | W | 53.1 | 72.8 | 57.1 | 56.3 | 70.5 | 68.2 | 65.6 |
| September | 70.7 | 53.6 | 53.5 | 70.1 | 55.1 | 48.2 | 70.5 | 53.7 | 51.8 | 69.7 | 63.6 | 59.9 |
| October | 68.8 | 54.1 | 54.9 | 68.4 | 54.0 | 49.4 | 68.7 | 54.1 | 53.0 | 68.3 | 64.8 | 61.8 |
| November | 67.7 | 56.8 | 57.1 | 67.9 | 59.6 | 52.3 | 67.8 | 57.1 | 55.2 | 66.4 | 65.3 | 64.5 |
| December | 67.7 | 52.4 | 52.4 | 66.9 | 52.4 | 47.7 | 67.4 | 52.4 | 50.4 | 67.7 | 64.2 | 63.3 |
| **1988 Average** | **67.4** | **55.5** | **55.4** | **69.1** | **54.6** | **51.1** | **68.1** | **55.4** | **54.0** | **67.2** | **66.3** | **63.3** |
| **Arkansas** | | | | | | | | | | | | |
| January | 65.8 | 47.7 | 48.8 | W | W | 46.4 | 64.8 | 49.0 | 47.9 | 60.3 | 59.6 | 53.4 |
| February | 62.7 | 48.6 | 50.3 | W | W | 48.2 | 60.1 | 51.1 | 49.5 | 60.5 | 60.1 | 53.4 |
| March | 63.7 | 49.1 | 50.8 | W | 52.7 | 48.6 | 60.8 | 51.2 | 50.0 | 63.2 | 61.5 | 56.0 |
| April | 68.2 | 55.1 | 56.3 | W | W | 54.3 | 65.2 | 56.2 | 55.6 | 65.0 | 67.3 | 60.5 |
| May | 70.4 | 56.9 | 57.6 | W | W | 55.0 | 67.5 | 57.8 | 56.6 | 66.3 | 65.4 | 60.3 |
| June | 69.6 | 55.5 | 56.3 | W | W | 53.4 | 66.4 | 56.6 | 55.1 | 67.6 | 64.0 | 59.9 |
| July | 72.3 | 59.1 | 61.0 | W | W | 58.7 | 68.4 | 59.3 | 60.2 | 68.6 | 68.9 | 63.7 |
| August | 74.9 | 57.6 | 59.0 | W | 60.8 | 55.8 | 71.7 | 58.9 | 57.7 | 69.4 | 67.9 | 61.4 |
| September | 73.9 | 52.9 | 54.2 | W | W | 51.0 | 70.5 | 54.6 | 52.9 | 65.2 | 66.3 | 58.5 |
| October | 71.9 | 52.7 | 54.4 | W | 55.7 | 51.2 | 68.0 | 54.0 | 53.1 | 63.6 | 66.6 | 56.2 |
| November | 71.7 | 54.7 | 56.8 | W | W | 52.8 | 68.1 | 57.4 | 55.1 | 63.4 | 65.2 | 57.7 |
| December | 70.8 | 50.6 | 52.0 | W | 56.9 | 48.5 | 67.0 | 53.2 | 50.5 | 60.6 | 64.0 | 57.3 |
| **1988 Average** | **69.7** | **54.2** | **55.0** | W | **56.7** | **52.1** | **66.6** | **55.3** | **53.8** | **64.7** | **64.8** | **58.3** |
| **Louisiana** | | | | | | | | | | | | |
| January | 65.6 | 49.3 | 51.0 | 58.7 | 51.3 | 45.8 | 63.5 | 49.7 | 49.0 | 64.8 | 67.8 | 56.9 |
| February | 62.9 | 49.6 | 50.7 | 58.3 | 53.8 | 46.9 | 61.5 | 51.4 | 49.4 | 64.0 | 63.5 | 56.5 |
| March | 61.9 | 50.0 | 50.9 | 56.3 | W | 46.7 | 60.3 | 46.5 | 49.4 | 63.7 | 64.3 | 56.5 |
| April | 63.9 | 54.3 | 55.0 | 59.5 | 59.1 | 53.1 | 62.6 | 55.6 | 54.5 | 66.2 | 67.9 | 56.3 |
| May | 66.3 | 56.1 | 57.6 | 62.1 | 60.1 | 52.9 | 65.1 | 57.1 | 55.9 | 68.2 | NA | 62.4 |
| June | 66.6 | 54.6 | 56.2 | 61.6 | 59.1 | 51.9 | 65.0 | 55.9 | 54.6 | 68.1 | 68.8 | 62.5 |
| July | 68.8 | 57.5 | 59.4 | 63.7 | 52.7 | 55.4 | 67.2 | 54.0 | 58.0 | 70.9 | 71.6 | 63.9 |
| August | 71.4 | 55.9 | 57.2 | 67.8 | 51.3 | 53.2 | 70.3 | 52.1 | 55.9 | 72.3 | 70.0 | 64.3 |
| September | 70.5 | 51.5 | 54.3 | 66.5 | 51.2 | 50.2 | 69.2 | 51.3 | 52.9 | 69.7 | 63.5 | 59.9 |
| October | 70.3 | 51.9 | 55.7 | 64.8 | 55.4 | 50.1 | 69.2 | 54.3 | 53.7 | 69.6 | 61.7 | 62.6 |
| November | 69.7 | 54.6 | 57.5 | 64.4 | 53.2 | 51.0 | 68.7 | 53.7 | 55.1 | 67.9 | 60.9 | 60.8 |
| December | 68.4 | 50.0 | 51.6 | 64.7 | W | 48.3 | 67.7 | 51.7 | 50.6 | 68.5 | 58.2 | 56.9 |
| **1988 Average** | **67.0** | **53.1** | **54.9** | **61.9** | **50.9** | **50.6** | **65.6** | **51.6** | **53.4** | **68.2** | **65.9** | **60.0** |
| **Mississippi** | | | | | | | | | | | | |
| January | 64.2 | W | 47.6 | 62.7 | W | 44.9 | 63.4 | 47.8 | 46.9 | 67.6 | 63.3 | 56.8 |
| February | 62.1 | 43.7 | 48.4 | 60.6 | W | 47.0 | 61.3 | 43.9 | 48.2 | 67.1 | 63.5 | 58.7 |
| March | 59.9 | W | 49.4 | 58.5 | 49.8 | 47.2 | 59.2 | 48.4 | 48.8 | 68.8 | 66.0 | 58.3 |
| April | 64.1 | W | 54.6 | 62.4 | W | 50.4 | 63.2 | W | 53.5 | 71.0 | 67.0 | 57.8 |
| May | 66.0 | W | 55.8 | 64.1 | W | 53.2 | 65.1 | W | 55.2 | 71.1 | 68.9 | 62.2 |
| June | 65.1 | W | 53.9 | 63.0 | W | 52.5 | 64.0 | 52.0 | 53.6 | 70.4 | 68.0 | 61.5 |
| July | 67.8 | 51.7 | 59.1 | 65.3 | 63.5 | 56.9 | 66.6 | 51.9 | 58.5 | 72.8 | 72.5 | 64.5 |
| August | 72.0 | 56.7 | 56.2 | 69.4 | W | 53.4 | 70.7 | 56.6 | 55.5 | 74.3 | 69.5 | 62.9 |
| September | 69.7 | W | 52.0 | 66.9 | W | 48.8 | 68.3 | 48.3 | 51.2 | 73.4 | 69.5 | 58.8 |
| October | W | 54.9 | 53.3 | 65.1 | W | 49.6 | 65.9 | 54.5 | 52.3 | 72.3 | 68.1 | 58.0 |
| November | W | 56.9 | 55.0 | 64.8 | W | 51.9 | 66.1 | 56.7 | 54.1 | 71.1 | 72.1 | 58.5 |
| December | 65.0 | 52.0 | 49.1 | 63.5 | W | 47.9 | 64.6 | 46.2 | 48.8 | 71.0 | 70.0 | 58.2 |
| **1988 Average** | **65.8** | **50.2** | **52.8** | **63.7** | **47.5** | **50.3** | **64.8** | **49.8** | **52.1** | **71.1** | **68.4** | **59.6** |

See footnotes at end of table.

# Table 29. Refiner/Reseller Total Motor Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **New Mexico** | | | | | | | | | | | | |
| January | W | 56.9 | 55.0 | 70.3 | W | 52.5 | 70.9 | 56.0 | 53.7 | 71.8 | 66.0 | 63.8 |
| February | W | W | 54.1 | 66.5 | W | 52.0 | 66.9 | 55.4 | 53.0 | 69.3 | 63.7 | 62.1 |
| March | W | W | 55.1 | 63.7 | W | 53.4 | 64.3 | 56.1 | 54.3 | 68.6 | 66.5 | 61.5 |
| April | W | W | 58.2 | 64.9 | W | 56.8 | 66.0 | 59.1 | 57.5 | 70.2 | 68.6 | 64.2 |
| May | W | W | 60.0 | 68.1 | W | 58.0 | 68.9 | 60.6 | 59.0 | 71.7 | 68.8 | 65.5 |
| June | W | W | 60.9 | 68.3 | W | 58.8 | 69.3 | 61.9 | 59.9 | 72.6 | 69.1 | 66.5 |
| July | W | W | 62.3 | 69.8 | W | 60.8 | 70.9 | 64.3 | 61.5 | 73.3 | 71.3 | 67.1 |
| August | W | W | 63.5 | 74.8 | W | 62.2 | 75.2 | 64.7 | 62.8 | 74.8 | 72.0 | 67.8 |
| September | W | W | 62.8 | 74.5 | W | 60.8 | 75.1 | 63.8 | 61.8 | 75.7 | 73.6 | 72.2 |
| October | 74.8 | 61.1 | 57.3 | 70.9 | W | 55.3 | 73.2 | 59.8 | 56.2 | 75.0 | 69.7 | 72.6 |
| November | 71.5 | 60.2 | 56.7 | 68.2 | W | 55.2 | 70.0 | 58.9 | 55.9 | 74.7 | 69.4 | 70.2 |
| December | W | 59.3 | 56.4 | 66.0 | 55.9 | 54.5 | 69.2 | 58.6 | 55.4 | 72.7 | 69.7 | 69.9 |
| **1988 Average** | **70.8** | **61.0** | **58.7** | **68.8** | **57.5** | **56.8** | **70.0** | **60.0** | **57.7** | **72.5** | **69.0** | **66.7** |
| **Texas** | | | | | | | | | | | | |
| January | 67.9 | 50.7 | 49.9 | 63.3 | 45.2 | 44.9 | 66.6 | 49.7 | 47.6 | 65.1 | 56.1 | 49.4 |
| February | 66.0 | 50.3 | 50.7 | 60.7 | 45.4 | 45.9 | 64.6 | 46.6 | 48.4 | 63.6 | 57.2 | 51.9 |
| March | 64.7 | 52.1 | 50.4 | 59.4 | 48.0 | 46.9 | 63.3 | 50.1 | 48.9 | 62.7 | 58.2 | 52.2 |
| April | 66.5 | 55.5 | 54.6 | 61.3 | 49.4 | 50.8 | 65.0 | 50.5 | 53.0 | 65.9 | 61.8 | 53.7 |
| May | 68.5 | 58.4 | 56.2 | 63.7 | 53.5 | 52.9 | 67.3 | 56.4 | 54.9 | 68.1 | 63.5 | 56.6 |
| June | 68.8 | 56.7 | 55.5 | 64.0 | 51.6 | 53.7 | 67.5 | 54.6 | 54.8 | 67.7 | 64.7 | 56.3 |
| July | 70.5 | 59.2 | 58.6 | 65.9 | 52.1 | 55.3 | 69.2 | 54.1 | 57.3 | 70.5 | 67.9 | 58.2 |
| August | 72.7 | 53.9 | 57.0 | 69.2 | 50.7 | 52.5 | 71.9 | 53.3 | 55.1 | 71.1 | 67.6 | 56.6 |
| September | 72.1 | 56.4 | 54.2 | 67.5 | 46.1 | 48.6 | 70.9 | 49.7 | 51.7 | 70.0 | 63.1 | 52.1 |
| October | 70.4 | 52.6 | 53.6 | 65.2 | 44.3 | 48.1 | 69.0 | 47.5 | 51.0 | 68.6 | 65.3 | 50.9 |
| November | 69.3 | 57.4 | 55.2 | 64.1 | 48.7 | 50.4 | 68.0 | 51.7 | 52.9 | 66.6 | 65.2 | 52.5 |
| December | 68.5 | 53.9 | 51.8 | 63.3 | 48.5 | 47.0 | 67.0 | 51.2 | 49.5 | 65.2 | 61.4 | 49.6 |
| **1988 Average** | **68.8** | **54.1** | **54.1** | **63.9** | **48.1** | **49.7** | **67.5** | **50.7** | **52.2** | **67.0** | **62.4** | **53.5** |
| **PAD District IV Average** | | | | | | | | | | | | |
| January | 64.7 | 53.8 | 53.6 | 61.0 | W | 51.0 | 63.3 | 53.5 | 52.4 | 68.3 | 67.3 | 60.2 |
| February | 62.4 | 52.1 | 51.8 | 59.1 | W | 50.0 | 61.1 | 51.4 | 51.0 | 65.7 | 65.4 | 58.9 |
| March | 61.2 | 51.5 | 51.8 | 58.4 | W | 50.5 | 60.2 | 51.0 | 51.2 | 64.2 | 65.7 | 58.3 |
| April | 65.0 | 56.3 | 56.4 | 63.9 | W | 56.0 | 64.6 | 55.7 | 56.2 | 66.9 | 67.3 | 60.3 |
| May | 69.0 | 58.0 | 59.1 | 68.5 | W | 56.9 | 68.8 | 57.8 | 58.0 | 69.0 | 68.2 | 62.6 |
| June | 69.0 | 56.8 | 58.6 | 66.8 | W | 56.8 | 68.2 | 56.9 | 57.8 | 69.6 | 69.0 | 62.9 |
| July | 68.9 | 58.7 | 60.5 | 67.4 | W | 59.4 | 68.3 | 58.7 | 60.1 | 71.6 | 72.0 | 65.9 |
| August | 72.1 | 63.4 | 64.1 | 70.3 | W | 62.4 | 71.5 | 63.6 | 63.3 | 73.7 | 73.5 | 67.8 |
| September | 70.3 | 60.5 | 62.8 | 67.0 | W | 60.9 | 69.1 | 61.2 | 62.0 | 73.0 | 72.4 | 65.5 |
| October | 69.1 | 58.3 | 59.8 | 66.7 | W | 57.6 | 68.2 | 58.5 | 58.8 | 70.9 | 70.7 | 62.9 |
| November | 64.3 | 55.8 | 54.6 | 63.2 | W | 51.7 | 63.9 | 55.6 | 53.2 | 68.2 | 68.4 | 59.6 |
| December | 60.9 | 49.4 | 51.4 | 59.8 | W | 49.1 | 60.5 | 49.8 | 50.3 | 65.7 | 66.9 | 57.0 |
| **1988 Average** | **66.5** | **56.6** | **57.4** | **64.4** | **55.7** | **55.5** | **65.7** | **56.4** | **56.6** | **69.1** | **69.0** | **62.4** |
| **Colorado** | | | | | | | | | | | | |
| January | 61.7 | 51.4 | 53.1 | 60.2 | W | 50.0 | 61.0 | 51.3 | 51.8 | 65.0 | 68.6 | 58.5 |
| February | 59.8 | 52.1 | 53.0 | 58.3 | W | 50.2 | 59.1 | 51.9 | 51.8 | 63.3 | 67.9 | 58.7 |
| March | 59.8 | 51.3 | 52.8 | 57.9 | W | 50.3 | 58.9 | 51.2 | 51.7 | 62.7 | 69.0 | 57.8 |
| April | 65.8 | 56.5 | 58.1 | 64.0 | W | 56.2 | 65.0 | 56.5 | 57.3 | 66.6 | 69.0 | 61.4 |
| May | 69.7 | 57.7 | 59.9 | 68.7 | W | 56.2 | 69.2 | 57.7 | 58.1 | 68.4 | 69.7 | 64.6 |
| June | 67.9 | 55.7 | 58.0 | 66.5 | W | 55.2 | 67.2 | 55.7 | 56.8 | 67.9 | 69.6 | 63.4 |
| July | 68.3 | 58.0 | 61.0 | 67.2 | - | 59.6 | 67.8 | 58.0 | 60.3 | 70.6 | 74.2 | 66.6 |
| August | 71.0 | 62.4 | 63.1 | 70.0 | W | 60.1 | 70.5 | 62.4 | 61.7 | 71.9 | 74.2 | 68.8 |
| September | 67.4 | 58.8 | 60.3 | 66.2 | W | 58.2 | 66.8 | 58.8 | 59.3 | 69.5 | 72.0 | 63.9 |
| October | 67.6 | 57.3 | 59.5 | 66.2 | W | 56.7 | 67.0 | 57.3 | 58.2 | 68.1 | 70.5 | 61.5 |
| November | 63.5 | 54.4 | 53.9 | 62.8 | W | 49.6 | 63.2 | 54.4 | 51.9 | 67.1 | 67.9 | 57.9 |
| December | 60.2 | 47.9 | 50.6 | 59.5 | W | 48.0 | 59.8 | 47.9 | 49.4 | 63.9 | 67.6 | 54.9 |
| **1988 Average** | **65.3** | **55.9** | **57.1** | **64.0** | W | **54.5** | **64.7** | **55.9** | **55.9** | **67.3** | **70.2** | **62.4** |

See footnotes at end of table.

# Table 29. Refiner/Reseller Total Motor Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Idaho** | | | | | | | | | | | | |
| January | W | 58.0 | 56.0 | W | - | 54.0 | 71.9 | 58.0 | 55.1 | 72.7 | 64.5 | 61.4 |
| February | W | 53.5 | 52.4 | 65.5 | - | 51.7 | 67.3 | 53.5 | 52.1 | 68.5 | 61.4 | 58.0 |
| March | W | 52.0 | 51.5 | 63.5 | - | 51.8 | 64.6 | 52.0 | 51.6 | 65.1 | 60.9 | 57.8 |
| April | W | 56.5 | 55.4 | 63.7 | - | 56.4 | 65.3 | 56.5 | 55.8 | 67.7 | 64.7 | 59.8 |
| May | W | 59.3 | 59.1 | 66.3 | - | 58.4 | 68.0 | 59.3 | 58.8 | 70.2 | 67.7 | 63.2 |
| June | W | 60.5 | 60.0 | W | - | 59.1 | 70.0 | 60.5 | 59.6 | 71.1 | 68.4 | 63.6 |
| July | W | 61.5 | 60.5 | 69.1 | - | 60.1 | 70.0 | 61.5 | 60.3 | 71.5 | 69.6 | 65.3 |
| August | W | 66.4 | 64.5 | 71.7 | - | 64.5 | 72.2 | 66.4 | 64.5 | 74.8 | 72.7 | 69.1 |
| September | W | 65.2 | 64.4 | 72.6 | - | 63.0 | 74.1 | 65.2 | 63.8 | 75.4 | 70.7 | 64.8 |
| October | W | 62.6 | 59.7 | 72.0 | - | 58.3 | 72.3 | 62.6 | 59.2 | 71.3 | 69.2 | 62.3 |
| November | W | 56.5 | 55.5 | 71.3 | - | 53.5 | 68.7 | 56.5 | 54.6 | 67.4 | 67.4 | 60.1 |
| December | W | 52.6 | 52.1 | 65.3 | - | 50.1 | 64.0 | 52.6 | 51.2 | 66.1 | 65.7 | 57.9 |
| **1988 Average** | W | **58.1** | **58.0** | **68.2** | - | **56.9** | **69.0** | **58.1** | **57.6** | **70.2** | **67.3** | **62.2** |
| **Montana** | | | | | | | | | | | | |
| January | W | W | 49.8 | W | W | 49.5 | W | 51.8 | 49.7 | 70.0 | 68.7 | 59.0 |
| February | W | W | 48.7 | W | - | 48.8 | W | 49.4 | 48.7 | 66.1 | 64.7 | 55.7 |
| March | W | W | 50.3 | W | W | 50.7 | W | 52.7 | 50.5 | 65.6 | 66.2 | 57.7 |
| April | W | 56.9 | 56.2 | W | - | 56.8 | W | 56.9 | 56.4 | 68.3 | 68.7 | 58.7 |
| May | W | W | 58.7 | W | W | 58.4 | W | 59.6 | 58.6 | 70.8 | 68.4 | 61.7 |
| June | W | 59.3 | 58.8 | W | W | 58.9 | W | 59.2 | 58.8 | 71.6 | 71.0 | 64.0 |
| July | W | W | 61.1 | W | W | 61.2 | W | 60.0 | 61.2 | 73.2 | 73.9 | 66.1 |
| August | W | W | 64.3 | W | W | 64.1 | W | 65.0 | 64.2 | 75.9 | 74.1 | 65.5 |
| September | W | W | 64.2 | W | W | 63.0 | W | W | 63.7 | 76.0 | 75.1 | 67.3 |
| October | W | 61.9 | 60.7 | W | W | 59.5 | W | 62.0 | 60.2 | 74.1 | 71.9 | 65.9 |
| November | W | 55.7 | 53.7 | W | - | 53.1 | W | 55.7 | 53.5 | 71.0 | 69.9 | 60.6 |
| December | W | W | 50.7 | W | W | 50.0 | W | 51.8 | 50.4 | 67.7 | 67.4 | 58.0 |
| **1988 Average** | W | W | **57.0** | **68.6** | W | **56.8** | **67.8** | **58.6** | **56.9** | **71.2** | **70.2** | **62.0** |
| **Utah** | | | | | | | | | | | | |
| January | 69.3 | 54.4 | 56.0 | W | W | 52.3 | 69.3 | 54.1 | 54.1 | 72.7 | 72.7 | 61.9 |
| February | 66.7 | 51.2 | 51.5 | W | W | 49.8 | 66.7 | 50.8 | 50.7 | 69.7 | 70.8 | 62.7 |
| March | 63.7 | 50.8 | 51.3 | W | W | 50.2 | 63.7 | 50.3 | 50.8 | 66.2 | 68.0 | 60.1 |
| April | 63.4 | 54.2 | 54.4 | W | W | 55.1 | 63.3 | 54.1 | 54.7 | 65.5 | 64.7 | 61.4 |
| May | 68.0 | 58.1 | 57.8 | W | W | 56.1 | 68.0 | 57.2 | 57.0 | 67.8 | 64.7 | 61.2 |
| June | 71.4 | 57.7 | 58.0 | W | W | 56.2 | 71.4 | 57.5 | 57.2 | 69.0 | 64.8 | 61.4 |
| July | 69.7 | 58.9 | 59.0 | W | W | 57.0 | 69.7 | 58.7 | 58.2 | 70.8 | 68.4 | 65.4 |
| August | 74.2 | 65.0 | 64.5 | W | W | 63.3 | 74.2 | 64.8 | 64.0 | 73.9 | 69.8 | 67.0 |
| September | 75.8 | 63.6 | 64.2 | W | W | 61.9 | 75.7 | 64.1 | 63.1 | 74.4 | 71.5 | 65.1 |
| October | 71.4 | 58.6 | 59.0 | W | W | 56.8 | 71.4 | 58.9 | 57.9 | 71.9 | 70.9 | 61.0 |
| November | 65.4 | 57.8 | 55.0 | W | W | 53.0 | 65.3 | 56.6 | 54.0 | 67.0 | 66.5 | 58.2 |
| December | 61.5 | 52.1 | 52.1 | W | W | 49.3 | 61.4 | 51.5 | 50.7 | 65.2 | 65.9 | 56.1 |
| **1988 Average** | **68.3** | **56.2** | **57.3** | **68.0** | **56.1** | **55.2** | **68.3** | **56.1** | **56.3** | **69.6** | **67.9** | **62.6** |
| **Wyoming** | | | | | | | | | | | | |
| January | W | 56.0 | 53.0 | 67.8 | W | 49.8 | 68.3 | 52.6 | 51.3 | 67.3 | 62.1 | 57.6 |
| February | W | 53.0 | 51.7 | 63.7 | W | 49.0 | 64.8 | 51.1 | 50.2 | 65.1 | 62.3 | 55.7 |
| March | W | 52.9 | 52.1 | 62.4 | W | 50.1 | 63.2 | 51.4 | 51.1 | 64.8 | 63.7 | 55.7 |
| April | W | 57.6 | 56.7 | 65.1 | W | 55.3 | 65.1 | 56.4 | 56.0 | 67.5 | 66.5 | 59.5 |
| May | W | 59.0 | 59.5 | 66.9 | W | 57.4 | 67.3 | 58.8 | 58.4 | 69.5 | 68.4 | 62.6 |
| June | W | 59.4 | 59.6 | 67.8 | W | 57.5 | 68.7 | 59.0 | 58.5 | 71.6 | 69.4 | 62.7 |
| July | W | 60.6 | 62.0 | W | W | 60.9 | 69.6 | 60.5 | 61.4 | 73.7 | 71.8 | 65.9 |
| August | W | 64.7 | 65.9 | W | W | 63.9 | 71.7 | 64.8 | 64.9 | 75.7 | 74.2 | 69.3 |
| September | W | 63.6 | 65.0 | 72.0 | W | 62.2 | 72.9 | 63.5 | 63.4 | 76.8 | 73.4 | 68.5 |
| October | W | 60.7 | 62.0 | 70.4 | W | 58.9 | 71.7 | 60.5 | 60.2 | 75.5 | 71.7 | 65.6 |
| November | W | 57.8 | 57.2 | 68.4 | W | 52.2 | 69.3 | 57.4 | 54.1 | 73.8 | 69.2 | 62.5 |
| December | W | 52.6 | 53.6 | 64.7 | W | 50.0 | 66.2 | 52.4 | 51.4 | 71.0 | 68.0 | 58.9 |
| **1988 Average** | W | **58.5** | **59.0** | **67.6** | W | **56.1** | **68.4** | **57.2** | **57.4** | **71.2** | **69.1** | **63.0** |

See footnotes at end of table.

# Table 29. Refiner/Reseller Total Motor Gasoline Prices by Seller Type (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **PAD District V Average** | | | | | | | | | | | | |
| January | 68.0 | 53.0 | 58.7 | 61.1 | 50.0 | 49.9 | 66.1 | 51.7 | 57.6 | 68.4 | 63.5 | 56.8 |
| February | 65.9 | 57.3 | 57.1 | 59.5 | 50.9 | 50.9 | 64.2 | 54.8 | 56.4 | 67.0 | 63.0 | 57.3 |
| March | 65.6 | 56.2 | 57.7 | 60.1 | 52.7 | 53.3 | 64.2 | 54.7 | 57.1 | 66.9 | 64.7 | 58.4 |
| April | 70.1 | 63.5 | 63.1 | 66.9 | 61.2 | 60.1 | 69.3 | 62.3 | 62.7 | 70.0 | 69.0 | 62.7 |
| May | 72.4 | 65.3 | 64.5 | 68.4 | 60.5 | 59.5 | 71.4 | 63.3 | 63.8 | 71.5 | 69.6 | 63.7 |
| June | 73.3 | 64.9 | 65.5 | 69.1 | 60.4 | 59.2 | 72.3 | 62.8 | 64.6 | 71.7 | 69.4 | 64.8 |
| July | 73.7 | 66.9 | 65.8 | 69.3 | 61.1 | 60.3 | 72.6 | 63.5 | 65.0 | 71.6 | 71.5 | 64.8 |
| August | 73.8 | 67.4 | 66.4 | 70.1 | 64.1 | 62.6 | 72.8 | 65.5 | 65.9 | 72.2 | 72.6 | 66.5 |
| September | 74.1 | 66.7 | 65.9 | 72.0 | 59.4 | 58.9 | 73.5 | 62.3 | 65.0 | 72.4 | 73.8 | 62.5 |
| October | 72.1 | 60.5 | 61.9 | 70.0 | 52.2 | 51.3 | 71.5 | 55.1 | 60.5 | 70.0 | 68.6 | 58.4 |
| November | 68.6 | 57.0 | 58.8 | 66.2 | 50.2 | 48.5 | 68.0 | 52.8 | 57.5 | 67.9 | 67.3 | 57.6 |
| December | 66.6 | 54.4 | 56.7 | 63.7 | 49.1 | 47.7 | 65.9 | 51.1 | 55.5 | 66.3 | 65.3 | 55.7 |
| **1988 Average** | **70.4** | **60.5** | **61.9** | **66.3** | **55.8** | **55.5** | **69.3** | **58.0** | **61.1** | **69.7** | **68.3** | **60.6** |
| **Alaska** | | | | | | | | | | | | |
| January | W | W | 68.2 | 81.8 | W | W | 82.4 | 84.8 | 67.9 | NA | 95.7 | 79.2 |
| February | W | W | 67.8 | 84.2 | W | W | 83.7 | 81.3 | 59.8 | NA | 88.7 | 78.7 |
| March | W | W | 68.4 | 82.8 | W | W | 82.4 | 78.2 | 68.2 | NA | NA | 78.7 |
| April | W | W | 67.7 | 81.7 | W | W | 82.0 | 77.0 | 68.7 | NA | NA | 80.7 |
| May | W | W | 69.4 | 84.4 | W | W | 84.1 | 82.8 | 69.8 | NA | 101.4 | 80.3 |
| June | W | W | 71.1 | 86.1 | W | W | 85.3 | 71.3 | 70.5 | NA | 92.1 | 81.5 |
| July | W | W | 70.5 | 87.1 | 80.4 | W | 86.2 | 79.9 | 69.7 | NA | 89.9 | 82.5 |
| August | W | W | 69.3 | 86.7 | 78.3 | W | 86.1 | 77.9 | 69.2 | NA | 93.3 | 85.0 |
| September | W | W | 72.9 | 86.5 | 65.2 | W | 86.2 | 66.7 | 70.5 | 97.1 | 96.1 | 87.8 |
| October | W | W | 70.6 | 86.4 | 61.1 | W | 86.2 | 62.1 | 70.1 | 93.2 | NA | 86.8 |
| November | W | W | 71.9 | 83.6 | 72.6 | W | 84.5 | 73.1 | 70.4 | 97.7 | NA | 85.4 |
| December | W | W | 70.8 | 83.4 | W | W | 84.4 | W | 70.0 | 96.8 | NA | 85.7 |
| **1988 Average** | W | W | **69.9** | **84.8** | W | W | **84.7** | **72.7** | **68.7** | **100.1** | **93.5** | **84.8** |
| **Arizona** | | | | | | | | | | | | |
| January | 66.4 | 56.7 | 56.1 | W | W | 54.8 | 66.2 | 56.6 | 55.9 | 68.1 | 65.6 | 60.2 |
| February | 63.6 | 53.9 | 53.5 | W | W | 53.9 | 63.4 | 53.9 | 53.6 | 67.0 | 64.1 | 59.8 |
| March | 62.8 | 53.7 | 52.9 | W | W | 54.6 | 62.5 | 53.8 | 53.1 | 65.4 | 68.3 | 61.4 |
| April | 67.1 | 59.3 | 57.0 | W | W | 60.6 | 66.8 | 59.3 | 57.5 | 69.0 | 68.3 | 64.7 |
| May | 67.5 | 59.2 | 57.4 | W | W | 60.4 | 67.3 | 59.3 | 57.8 | 69.8 | 72.6 | 66.7 |
| June | 67.6 | 60.7 | 58.4 | W | W | 60.7 | 67.5 | 60.7 | 58.7 | 70.0 | 73.6 | 67.6 |
| July | 68.3 | 60.2 | 58.5 | W | W | 60.9 | 68.2 | 60.5 | 58.8 | 70.1 | 71.6 | 67.3 |
| August | 66.9 | 60.6 | 58.2 | W | W | 62.1 | 66.9 | 60.9 | 58.7 | 69.1 | 72.5 | 67.7 |
| September | 67.3 | 63.0 | 58.5 | W | W | 61.7 | 67.4 | 63.0 | 58.9 | 70.6 | 70.3 | 62.5 |
| October | 66.5 | 61.2 | 55.6 | W | W | 56.8 | 66.4 | 60.8 | 55.8 | 69.0 | 65.3 | 60.7 |
| November | 65.7 | 56.6 | 53.7 | W | W | 53.5 | 65.4 | 56.3 | 53.7 | 67.2 | 65.0 | 59.8 |
| December | 64.2 | 54.2 | 52.5 | W | W | 53.5 | 64.0 | 54.3 | 52.6 | 66.0 | 63.9 | 58.4 |
| **1988 Average** | **66.1** | **58.2** | **56.1** | W | W | **57.7** | **66.0** | **58.3** | **56.3** | **68.4** | **67.7** | **63.2** |
| **California** | | | | | | | | | | | | |
| January | 69.2 | 51.5 | 59.0 | 57.8 | 48.7 | 47.5 | 65.6 | 50.2 | 57.6 | 68.8 | 62.0 | 54.3 |
| February | 67.1 | 57.4 | 57.6 | 56.6 | W | 49.5 | 63.9 | 54.2 | 56.7 | 67.2 | 61.8 | 55.6 |
| March | 67.1 | 56.0 | 58.7 | 57.8 | W | 52.2 | 64.4 | 53.9 | 58.0 | 67.9 | 64.0 | 57.3 |
| April | 72.9 | 65.1 | 65.5 | 66.0 | 61.1 | 60.5 | 70.9 | 62.8 | 64.8 | 72.8 | 70.5 | 62.7 |
| May | 75.5 | 66.9 | 66.9 | 67.4 | W | 59.2 | 73.3 | 63.3 | 65.7 | 74.5 | 70.3 | 63.3 |
| June | 76.6 | 65.5 | 68.1 | 68.3 | 58.5 | 58.5 | 74.5 | 62.2 | 66.7 | 74.6 | 69.9 | 64.6 |
| July | 77.0 | 68.2 | 68.3 | 68.5 | W | 59.6 | 74.5 | 63.2 | 67.0 | 75.2 | 72.2 | 64.2 |
| August | 77.1 | 69.0 | 68.9 | 69.3 | W | 62.4 | 74.8 | 65.7 | 68.1 | 75.4 | 73.4 | 67.9 |
| September | 77.4 | 67.0 | 67.9 | 71.4 | W | 57.6 | 75.7 | 61.5 | 66.5 | 75.4 | 74.9 | 61.0 |
| October | 74.7 | 58.9 | 62.9 | 69.0 | W | 47.9 | 73.1 | 52.6 | 61.1 | 71.5 | 69.2 | 56.5 |
| November | 70.0 | 55.8 | 59.5 | 64.8 | W | 45.5 | 68.5 | 50.8 | 57.8 | 67.9 | 68.0 | 55.5 |
| December | 67.7 | 53.1 | 57.3 | 61.9 | W | 45.2 | 66.1 | 49.1 | 55.7 | 65.4 | 65.8 | 53.9 |
| **1988 Average** | **72.7** | **60.2** | **63.4** | **64.7** | **54.4** | **54.2** | **70.4** | **57.0** | **62.2** | **71.5** | **68.5** | **59.3** |

See footnotes at end of table.

# Table 29. Refiner/Reseller Total Motor Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Hawaii** | | | | | | | | | | | | |
| January | W | 64.7 | W | W | W | W | W | 61.1 | 76.2 | W | 84.2 | 82.6 |
| February | W | 66.4 | W | W | W | W | W | 61.8 | 77.6 | W | 85.8 | 82.7 |
| March | W | 65.7 | W | W | W | W | W | 62.2 | 77.2 | W | 85.0 | 82.4 |
| April | W | 68.1 | W | W | W | W | W | 64.7 | 80.7 | W | 89.3 | 86.9 |
| May | W | 71.9 | W | W | W | W | W | 68.2 | 83.7 | W | 90.6 | 89.1 |
| June | W | 71.9 | W | W | W | W | W | 68.3 | 84.1 | W | 90.6 | 89.0 |
| July | W | 72.3 | W | W | W | W | W | 68.7 | 84.2 | 92.8 | 91.4 | 87.6 |
| August | W | 72.2 | W | W | W | W | W | 68.5 | 84.1 | 89.8 | 91.8 | 90.3 |
| September | W | W | W | W | W | W | W | 69.6 | 83.6 | 91.5 | 94.0 | 88.0 |
| October | W | W | W | W | W | W | W | 69.1 | 84.4 | 92.4 | 89.8 | 87.6 |
| November | W | W | W | W | W | W | W | 63.4 | 80.7 | 91.2 | 87.9 | 85.8 |
| December | W | 72.2 | W | W | W | W | W | 60.2 | 78.1 | 90.3 | 87.0 | 84.6 |
| **1988 Average** | W | **70.8** | **81.5** | W | W | W | W | **65.5** | **81.2** | **90.9** | **88.8** | **86.4** |
| **Nevada** | | | | | | | | | | | | |
| January | 57.9 | 56.3 | 52.1 | W | W | 50.4 | 58.4 | 53.7 | 51.9 | 57.2 | 58.9 | 61.6 |
| February | 58.6 | 53.0 | 50.9 | W | W | 50.2 | 58.8 | 51.8 | 50.8 | 58.8 | 57.4 | 58.3 |
| March | 59.6 | 56.1 | 52.0 | W | 51.1 | 52.3 | 59.7 | 53.9 | 52.1 | 59.3 | 59.9 | 58.9 |
| April | 63.6 | 61.9 | 57.7 | W | 60.2 | 62.9 | 63.7 | 61.2 | 58.3 | 63.4 | 61.1 | 64.9 |
| May | 67.7 | 63.0 | 59.4 | W | 59.7 | 60.3 | 67.6 | 61.5 | 59.5 | 66.7 | 61.5 | 65.0 |
| June | 69.3 | 64.4 | 61.0 | W | W | 59.2 | 69.1 | 62.9 | 60.8 | 68.6 | 62.5 | 65.8 |
| July | 71.0 | 64.8 | 62.6 | W | W | 61.6 | 70.6 | 62.5 | 62.5 | 70.9 | 65.7 | 67.4 |
| August | 71.7 | 65.6 | 63.7 | W | W | 65.1 | 71.2 | 64.5 | 63.8 | 70.6 | 68.0 | 68.9 |
| September | 71.5 | 65.4 | 62.9 | W | W | 60.1 | 71.3 | 60.7 | 62.6 | 72.3 | 66.2 | 60.1 |
| October | 69.0 | 59.6 | 57.5 | W | W | 53.1 | 68.4 | 54.5 | 57.0 | 70.1 | 61.4 | 55.2 |
| November | 65.7 | 56.3 | 54.3 | W | W | 51.1 | 65.1 | 52.8 | 54.0 | 67.5 | 59.9 | 60.7 |
| December | 63.4 | 53.0 | 52.3 | W | W | 49.5 | 62.8 | 50.4 | 52.0 | 65.3 | 58.9 | 51.7 |
| **1988 Average** | **65.7** | **60.1** | **57.6** | W | W | **56.5** | **65.5** | **57.7** | **57.4** | **66.1** | **62.0** | **60.1** |
| **Oregon** | | | | | | | | | | | | |
| January | 72.4 | 59.5 | 59.5 | W | W | 55.6 | 71.5 | 59.2 | 59.1 | 66.8 | 66.4 | 59.7 |
| February | 70.1 | 57.8 | 57.2 | W | W | 54.3 | 69.2 | 57.6 | 56.9 | 64.4 | 65.9 | 58.6 |
| March | 68.6 | 57.3 | 56.6 | W | W | 54.7 | 67.7 | 57.3 | 56.4 | 64.3 | 65.4 | 57.8 |
| April | 69.4 | 58.2 | 58.6 | W | W | 56.1 | 68.2 | 58.5 | 58.3 | 65.6 | 66.2 | 60.2 |
| May | 71.3 | 60.7 | 60.2 | W | W | 58.5 | 69.8 | 60.7 | 60.0 | 67.2 | 68.4 | 62.7 |
| June | 72.1 | 60.8 | 60.6 | W | W | 58.8 | 71.1 | 61.0 | 60.4 | 67.8 | 67.7 | 63.1 |
| July | 72.4 | 61.2 | 61.2 | W | W | 59.8 | 71.2 | 61.5 | 61.1 | 67.9 | 70.4 | 63.3 |
| August | 72.4 | 62.3 | 61.9 | W | W | 60.9 | 71.3 | 62.5 | 61.8 | 68.7 | 70.7 | 63.3 |
| September | 73.5 | 63.8 | 63.1 | W | W | 60.2 | 72.4 | 63.7 | 62.8 | 69.0 | 71.1 | 65.4 |
| October | 73.1 | 62.4 | 60.6 | W | W | 57.4 | 72.0 | 61.4 | 60.2 | 68.1 | 67.6 | 62.4 |
| November | 72.5 | 57.9 | 58.5 | W | W | 53.4 | 71.4 | 57.5 | 57.9 | 67.4 | 66.4 | 59.3 |
| December | 71.1 | 56.8 | 57.8 | W | W | 51.8 | 70.2 | 56.4 | 57.1 | 66.8 | 64.1 | 58.3 |
| **1988 Average** | **71.6** | **60.0** | **59.8** | W | W | **56.8** | **70.5** | **59.9** | **59.5** | **67.1** | **67.7** | **61.4** |
| **Washington** | | | | | | | | | | | | |
| January | 66.7 | 55.1 | 56.2 | W | W | 52.4 | 67.3 | 54.6 | 55.9 | 69.3 | 65.7 | 60.3 |
| February | 63.8 | 53.6 | 54.1 | W | W | 51.2 | 64.5 | 53.2 | 53.8 | 68.7 | 64.6 | 58.0 |
| March | 62.5 | 52.8 | 52.9 | W | 51.2 | 52.0 | 63.0 | 52.5 | 52.8 | 68.3 | 65.2 | 58.4 |
| April | 63.3 | 54.2 | 54.9 | W | 53.5 | 54.5 | 64.1 | 54.1 | 54.9 | 67.9 | 66.8 | 59.1 |
| May | 65.0 | 55.9 | 56.8 | W | W | 56.6 | 65.8 | 55.9 | 56.8 | 69.3 | 67.1 | 60.2 |
| June | 65.3 | 58.4 | 57.3 | W | W | 58.0 | 65.5 | 58.0 | 57.3 | 69.4 | 67.7 | 62.1 |
| July | 65.7 | 59.7 | 58.0 | W | W | 59.3 | 65.9 | 59.1 | 58.1 | 68.3 | 69.4 | 63.6 |
| August | 66.1 | 60.5 | 58.8 | W | W | 60.3 | 66.8 | 60.0 | 58.9 | 70.5 | 70.2 | 61.3 |
| September | 66.6 | 61.1 | 58.9 | W | W | 60.1 | 67.2 | 60.8 | 59.1 | 69.5 | 68.4 | 63.9 |
| October | 66.0 | 58.8 | 57.3 | W | W | 56.4 | 66.8 | 58.0 | 57.2 | 68.4 | 66.2 | 62.1 |
| November | 64.5 | 55.6 | 54.6 | W | W | 52.5 | 65.2 | 55.0 | 54.4 | 67.3 | 64.0 | 59.4 |
| December | 63.1 | 53.9 | 51.7 | W | W | 50.2 | 63.7 | 53.3 | 51.6 | 65.4 | 61.9 | 58.6 |
| **1988 Average** | **64.9** | **56.2** | **56.0** | W | **55.3** | **55.4** | **65.5** | **56.0** | **56.0** | **68.5** | **66.6** | **60.8** |

Dashes (-) = No data reported.
NA = Not Available.
W = Withheld to avoid disclosure of individual company data.
Sources: Refiners and Gas Plant Operators: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report"; Resellers: Energy Information Administration Form EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

# Table 30. Refiner/Reseller Leaded Gasoline Prices by Seller Type
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **U.S. Average** | | | | | | | | | | | | |
| January | 60.7 | 52.6 | 50.9 | 59.8 | 48.7 | 48.1 | 60.4 | 51.1 | 50.1 | 62.8 | 61.6 | 54.7 |
| February | 59.0 | 54.2 | 51.3 | 57.9 | 49.2 | 48.9 | 58.6 | 51.9 | 50.6 | 61.4 | 61.3 | 54.5 |
| March | 58.2 | 53.8 | 51.7 | 57.3 | 50.4 | 49.7 | 57.8 | 52.2 | 51.1 | 61.2 | 62.4 | 55.5 |
| April | 61.9 | 58.3 | 56.7 | 60.9 | 57.5 | 55.2 | 61.5 | 57.9 | 56.2 | 64.4 | 66.0 | 59.5 |
| May | 64.0 | 60.4 | 57.9 | 63.5 | 57.6 | 55.8 | 63.8 | 59.2 | 57.3 | 65.9 | 66.7 | 60.3 |
| June | 63.6 | 60.4 | 57.4 | 62.9 | 56.8 | 55.1 | 63.4 | 58.7 | 56.7 | 65.7 | 67.0 | 60.3 |
| July | 65.3 | 62.8 | 60.8 | 64.4 | 59.4 | 59.2 | 65.0 | 61.1 | 60.3 | 68.1 | 70.0 | 63.6 |
| August | 67.4 | 63.3 | 59.8 | 66.7 | 60.9 | 57.8 | 67.2 | 62.1 | 59.2 | 68.4 | 69.4 | 62.1 |
| September | 65.9 | 59.5 | 56.0 | 65.2 | 56.0 | 53.4 | 65.6 | 57.8 | 55.2 | 67.3 | 67.4 | 59.3 |
| October | 63.8 | 57.6 | 54.8 | 63.4 | 50.2 | 52.4 | 63.6 | 53.6 | 54.0 | 65.9 | 66.6 | 58.6 |
| November | 62.7 | 58.5 | 55.1 | 62.4 | 50.9 | 52.9 | 62.6 | 54.1 | 54.4 | 65.2 | 66.3 | 58.8 |
| December | 61.0 | 54.4 | 51.4 | 61.1 | 47.4 | 49.0 | 61.1 | 50.0 | 50.6 | 63.9 | 64.8 | 56.1 |
| **1988 Average** | **62.7** | **57.5** | **55.5** | **62.0** | **53.4** | **53.3** | **62.4** | **55.5** | **54.8** | **65.1** | **65.9** | **58.8** |
| **PAD District I Average** | | | | | | | | | | | | |
| January | 62.4 | 55.8 | 51.3 | 63.5 | 51.7 | 48.8 | 62.8 | 54.0 | 50.7 | 64.0 | 61.2 | 55.3 |
| February | 60.0 | 55.4 | 52.1 | 61.0 | 52.8 | 49.1 | 60.3 | 54.2 | 51.4 | 62.7 | 61.4 | 54.9 |
| March | 58.8 | 55.0 | 52.1 | 59.5 | 52.5 | 49.4 | 59.0 | 53.9 | 51.5 | 61.7 | 61.8 | 55.9 |
| April | 60.5 | 58.9 | 56.5 | 61.0 | 55.0 | 54.3 | 60.7 | 56.6 | 56.0 | 64.3 | 64.7 | 59.0 |
| May | 61.8 | 61.0 | 57.7 | 62.9 | 58.0 | 55.5 | 62.2 | 59.2 | 57.2 | 65.6 | 65.4 | 60.1 |
| June | 61.9 | 61.6 | 57.3 | 62.7 | 58.4 | 54.8 | 62.2 | 59.6 | 56.7 | 65.7 | 66.0 | 60.4 |
| July | 63.3 | 63.6 | 61.2 | 64.1 | 61.0 | 58.6 | 63.6 | 62.2 | 60.5 | 67.9 | 68.3 | 63.0 |
| August | 65.3 | 62.2 | 58.4 | 65.9 | 57.4 | 54.7 | 65.5 | 59.7 | 57.5 | 68.5 | 66.5 | 60.2 |
| September | 64.3 | 58.8 | 53.8 | 65.0 | 53.4 | 51.0 | 64.6 | 56.1 | 53.1 | 67.2 | 65.3 | 58.8 |
| October | 63.0 | 58.7 | 54.8 | 63.9 | 53.8 | 52.7 | 63.3 | 56.0 | 54.3 | 66.7 | 65.3 | 59.9 |
| November | 62.7 | 60.0 | 56.8 | 63.6 | 57.7 | 54.9 | 63.0 | 58.7 | 56.3 | 66.3 | 66.4 | 61.5 |
| December | 61.9 | 57.0 | 52.6 | 64.2 | 51.5 | 50.8 | 62.7 | 53.5 | 52.1 | 65.5 | 64.8 | 58.4 |
| **1988 Average** | **62.1** | **58.6** | **55.5** | **63.0** | **55.2** | **52.9** | **62.4** | **56.8** | **54.9** | **65.5** | **64.7** | **58.9** |
| **Subdistrict IA Average** | | | | | | | | | | | | |
| January | 68.5 | 65.1 | 58.6 | 71.0 | 53.4 | 51.2 | 69.0 | 61.8 | 58.0 | 69.0 | 62.9 | 56.2 |
| February | 66.4 | 63.3 | 57.9 | 69.5 | W | 48.7 | 67.1 | 58.4 | 56.7 | 68.0 | 62.6 | 55.9 |
| March | 64.8 | 62.7 | 57.3 | W | 53.4 | 51.2 | 65.5 | 57.0 | 56.8 | 66.7 | 62.7 | 55.9 |
| April | 64.2 | 64.5 | 60.5 | 65.4 | W | 56.1 | 64.5 | 61.3 | 60.2 | 67.5 | 65.7 | 60.0 |
| May | 65.5 | 65.5 | 61.8 | W | W | 57.7 | 65.9 | 61.3 | 61.5 | 68.9 | 67.2 | 61.0 |
| June | 66.0 | 67.3 | 61.7 | W | W | 55.6 | 66.4 | 61.3 | 60.8 | 69.6 | 67.8 | 61.5 |
| July | 68.0 | 69.1 | 64.7 | W | W | 61.3 | 68.2 | 64.2 | 64.4 | 72.0 | 70.7 | 64.0 |
| August | 69.6 | 67.3 | 62.1 | W | W | 56.0 | 69.6 | 60.4 | 61.6 | 72.4 | 67.9 | 59.4 |
| September | 69.3 | 63.8 | 57.9 | W | W | 54.2 | 69.5 | 59.2 | 57.6 | 73.1 | 69.6 | 57.9 |
| October | 69.5 | 65.4 | 59.0 | W | W | 54.9 | 69.5 | 61.3 | 58.6 | 72.6 | 69.9 | 58.3 |
| November | 72.1 | 64.2 | 60.6 | W | W | 58.7 | 71.7 | 63.2 | 60.4 | 73.8 | 70.6 | 62.2 |
| December | 68.8 | 61.3 | 55.8 | W | W | 54.0 | 69.1 | 59.9 | 55.6 | 73.3 | 69.4 | 58.3 |
| **1988 Average** | **67.5** | **64.9** | **60.3** | W | W | **54.7** | **67.8** | **60.7** | **59.7** | **70.3** | **66.9** | **59.2** |
| **Connecticut** | | | | | | | | | | | | |
| January | W | W | 58.9 | W | W | 54.0 | 70.9 | 56.6 | 58.4 | 67.9 | 63.8 | 55.2 |
| February | W | W | 58.3 | W | W | 52.8 | W | 54.7 | 57.9 | 66.8 | 63.7 | 55.6 |
| March | W | W | 58.0 | W | W | 53.1 | 66.6 | 54.9 | 57.4 | 65.4 | 63.1 | 55.4 |
| April | W | W | 60.5 | W | W | 57.7 | 64.4 | 58.8 | 60.2 | 67.7 | 68.7 | 59.3 |
| May | W | W | 62.6 | W | W | 59.8 | 67.4 | 59.2 | 62.2 | 67.7 | 67.7 | 60.8 |
| June | W | W | 62.3 | W | W | 59.3 | 67.8 | 59.6 | 61.9 | 67.3 | 69.6 | 61.1 |
| July | W | W | 65.2 | W | W | 63.0 | 69.1 | 62.5 | 65.0 | 69.0 | 74.2 | 63.3 |
| August | W | W | 63.4 | W | W | 59.3 | 70.9 | 57.9 | 62.9 | 69.5 | 72.2 | 60.0 |
| September | W | W | 58.8 | W | W | 57.1 | 70.4 | 58.2 | 58.6 | 72.7 | 70.1 | 61.0 |
| October | W | W | 59.7 | W | W | W | 77.2 | 65.1 | 59.1 | 71.5 | 69.9 | 58.8 |
| November | W | W | 60.9 | W | W | W | 86.3 | 61.7 | 60.7 | 72.0 | 70.8 | 63.1 |
| December | W | - | 56.7 | W | W | W | 71.3 | W | 56.4 | 70.8 | 71.3 | 60.7 |
| **1988 Average** | **80.7** | W | **60.8** | W | W | **57.5** | **73.1** | **58.6** | **60.5** | **69.1** | **68.3** | **58.8** |

See footnotes at end of table.

# Table 30. Refiner/Reseller Leaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Maine** | | | | | | | | | | | | |
| January | W | W | 52.5 | W | W | W | 65.6 | 61.1 | 52.5 | 72.9 | 62.7 | 58.9 |
| February | W | W | 52.3 | W | W | W | 62.3 | 59.8 | 52.3 | 70.6 | 63.4 | 56.2 |
| March | W | W | 52.0 | W | W | W | 59.4 | 60.6 | 52.0 | 69.2 | 62.4 | 58.0 |
| April | W | W | 55.9 | W | W | W | 58.5 | 61.5 | 55.9 | 69.8 | 65.6 | 61.2 |
| May | W | W | 58.0 | W | W | W | 61.3 | 61.5 | 58.0 | 72.2 | 68.5 | 63.2 |
| June | W | W | 57.6 | W | W | W | 62.7 | 61.6 | 57.6 | 72.2 | 68.6 | 63.2 |
| July | W | W | 60.8 | W | W | W | 64.6 | 65.7 | 60.9 | 74.6 | 71.7 | 66.0 |
| August | W | W | 56.5 | W | W | W | 66.5 | 61.3 | 56.5 | 74.5 | 71.7 | 63.1 |
| September | W | W | 53.6 | W | W | W | 66.2 | 60.1 | 53.6 | 76.7 | 74.3 | 60.6 |
| October | W | W | 54.8 | W | W | W | W | 57.9 | 54.8 | 76.2 | 73.9 | 62.2 |
| November | W | W | 59.8 | W | W | W | W | 65.2 | 59.8 | 77.0 | 72.1 | 62.7 |
| December | W | W | 55.1 | W | W | W | W | 61.4 | 55.1 | 78.4 | 68.0 | 61.6 |
| **1988 Average** | W | W | **55.9** | W | W | W | **64.0** | **61.3** | **55.9** | **73.1** | **69.0** | **61.2** |
| **Massachusetts** | | | | | | | | | | | | |
| January | 68.9 | 65.0 | 61.3 | W | W | 49.5 | 69.2 | 63.5 | 60.4 | 67.7 | 60.6 | 54.8 |
| February | 67.0 | 62.7 | 60.3 | W | W | W | 67.3 | 58.3 | 57.5 | 66.8 | 59.5 | 55.2 |
| March | 65.8 | 61.3 | 60.0 | W | W | 49.5 | 66.0 | 55.3 | 59.2 | 65.6 | 59.4 | 55.3 |
| April | 65.3 | W | 62.6 | W | W | 54.5 | 65.4 | 62.2 | 62.1 | 65.8 | 61.5 | 59.8 |
| May | 66.1 | 66.8 | 64.4 | W | W | 55.8 | 66.3 | 63.1 | 63.7 | 67.2 | 65.1 | 61.0 |
| June | 66.5 | W | 64.9 | W | W | W | 66.6 | 62.6 | 62.1 | 67.8 | 65.7 | 61.6 |
| July | 68.4 | W | 66.8 | W | W | 60.0 | 68.4 | 64.9 | 66.2 | 70.3 | 67.2 | 63.9 |
| August | 69.8 | W | 65.7 | W | W | W | 69.7 | 59.6 | 64.7 | 70.9 | 64.1 | 56.5 |
| September | 69.3 | 60.3 | 60.5 | W | W | W | 69.3 | 58.3 | 59.8 | 70.3 | 66.6 | 54.9 |
| October | 68.5 | W | 61.0 | W | W | W | 68.5 | 59.9 | 60.4 | 70.7 | 67.3 | 55.8 |
| November | 66.6 | W | 60.0 | W | W | W | 67.1 | 62.0 | 59.7 | 72.9 | 69.2 | 60.3 |
| December | 67.9 | W | 54.1 | W | W | W | 68.2 | 57.8 | 54.0 | 72.9 | 66.3 | 55.0 |
| **1988 Average** | **67.5** | **63.7** | **62.6** | W | W | W | **67.6** | **60.8** | **61.4** | **68.6** | **63.7** | **57.7** |
| **New Hampshire** | | | | | | | | | | | | |
| January | 68.6 | W | 58.5 | W | W | W | 69.5 | 60.6 | 57.0 | 67.8 | 68.0 | 60.1 |
| February | 67.1 | W | 58.1 | W | W | W | 68.2 | 58.7 | 56.6 | 68.3 | 66.8 | 61.2 |
| March | 65.2 | W | 57.4 | W | W | W | 67.2 | 56.9 | 56.0 | 67.8 | 69.1 | 59.6 |
| April | 64.2 | W | 60.6 | W | W | W | 64.5 | 62.9 | 59.8 | 68.7 | 67.7 | 62.4 |
| May | 65.3 | W | 61.7 | W | W | W | 66.0 | 61.5 | 61.0 | 69.0 | 70.1 | 64.3 |
| June | 66.0 | W | 62.0 | W | W | W | 66.7 | 63.4 | 61.2 | 72.3 | 67.8 | 66.1 |
| July | 68.1 | W | 64.8 | W | W | W | 68.3 | 65.9 | 64.1 | 74.2 | 71.9 | 65.5 |
| August | 69.2 | W | 61.4 | W | W | W | 69.6 | 63.8 | 60.3 | 74.3 | 66.9 | 70.9 |
| September | W | 62.0 | 58.3 | W | W | W | W | 57.6 | 57.2 | 74.0 | 60.2 | 62.4 |
| October | W | 63.4 | 57.3 | W | W | W | 69.2 | 60.6 | 56.5 | 72.4 | 64.3 | 60.0 |
| November | W | W | 61.6 | W | W | W | 71.4 | 62.6 | 60.8 | 73.7 | 70.9 | 65.0 |
| December | W | 64.1 | W | W | W | W | 71.6 | 60.5 | 54.3 | 73.6 | 72.3 | 60.9 |
| **1988 Average** | **67.7** | **66.5** | **60.2** | W | W | W | **68.3** | **61.3** | **59.2** | **71.2** | **68.1** | **64.3** |
| **Rhode Island** | | | | | | | | | | | | |
| January | 70.7 | W | 58.4 | W | W | W | 69.7 | 63.9 | 57.8 | 65.7 | 61.2 | 50.4 |
| February | 69.0 | W | 57.4 | W | W | W | 68.1 | W | 56.9 | 63.9 | 61.3 | 50.5 |
| March | 66.8 | W | 55.3 | W | W | W | 65.9 | 58.4 | 55.0 | 62.0 | 61.4 | 50.3 |
| April | 67.3 | W | 59.9 | W | W | W | 66.5 | 61.6 | 59.5 | 62.4 | 64.2 | 55.3 |
| May | 68.7 | W | 59.1 | W | W | W | 67.2 | 61.5 | 58.9 | 66.6 | 64.8 | 55.8 |
| June | 68.6 | W | 59.2 | W | W | W | 67.7 | 58.5 | 58.9 | 69.0 | 65.5 | 55.8 |
| July | 72.0 | W | 64.5 | W | W | W | 71.0 | 64.1 | 64.2 | 72.6 | 70.2 | 60.8 |
| August | 74.6 | W | 60.9 | W | W | W | 72.8 | 60.4 | 60.1 | 73.8 | 59.6 | 54.6 |
| September | 75.8 | W | 57.3 | W | W | W | 73.3 | 62.4 | 56.8 | 69.8 | 60.5 | 51.6 |
| October | 76.3 | W | 58.2 | W | W | W | 73.0 | W | 58.1 | 71.1 | W | 55.1 |
| November | W | - | 60.1 | W | W | W | W | W | 60.1 | 73.8 | W | 60.2 |
| December | W | - | 56.6 | W | W | W | W | W | 56.6 | 73.1 | W | W |
| **1988 Average** | **70.8** | W | **59.1** | W | W | W | **69.3** | **61.2** | **58.8** | **68.7** | **63.1** | **55.6** |

See footnotes at end of table.

# Table 30. Refiner/Reseller Leaded Gasoline Prices by Seller Type (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Vermont** | | | | | | | | | | | | |
| January | W | W | 58.2 | W | W | 50.6 | 71.3 | 63.3 | 57.2 | 73.8 | 69.6 | 62.5 |
| February | W | W | 59.1 | W | W | 51.5 | 70.0 | 64.1 | 58.1 | 72.6 | 65.1 | 62.2 |
| March | W | W | 57.5 | W | 63.5 | 50.8 | 69.9 | 64.5 | 56.8 | 72.0 | 68.4 | 60.7 |
| April | W | W | 59.9 | W | W | 56.3 | 67.7 | W | 59.6 | 72.4 | 68.2 | 64.2 |
| May | W | W | 61.3 | W | W | 57.0 | 69.7 | W | 60.8 | 73.9 | 71.4 | 65.1 |
| June | W | W | 60.5 | W | W | 56.9 | 70.1 | W | 60.0 | 74.9 | 71.0 | 66.4 |
| July | W | W | 64.9 | W | W | 61.0 | 71.9 | W | 64.5 | 76.3 | 73.8 | 68.0 |
| August | W | W | 61.4 | W | W | 57.0 | W | W | 60.8 | 77.1 | 72.1 | 64.3 |
| September | W | W | 58.4 | W | W | 55.4 | W | W | 58.0 | 76.6 | 69.9 | 63.1 |
| October | W | W | 59.9 | W | W | 57.1 | W | W | 59.5 | 75.8 | 70.4 | 63.4 |
| November | W | W | 64.1 | W | W | 59.8 | W | W | 63.5 | 76.1 | 72.2 | 67.2 |
| December | W | W | W | W | W | 57.1 | W | W | 59.4 | 75.8 | 71.2 | 64.9 |
| **1988 Average** | W | W | **60.5** | W | W | **55.9** | **70.8** | **65.1** | **59.9** | **74.9** | **70.3** | **64.4** |
| **Subdistrict IB Average** | | | | | | | | | | | | |
| January | 64.2 | 59.9 | 54.8 | 65.1 | 52.2 | 51.3 | 64.6 | 55.6 | 53.7 | 65.4 | 62.8 | 55.0 |
| February | 62.4 | 59.3 | 54.2 | 63.3 | 52.9 | 50.2 | 62.9 | 55.5 | 53.1 | 64.7 | 62.9 | 54.1 |
| March | 60.7 | 58.9 | 53.7 | 62.1 | 52.5 | 50.0 | 61.5 | 55.3 | 52.7 | 63.7 | 63.3 | 54.2 |
| April | 61.1 | 60.3 | 56.5 | 62.3 | 56.3 | 53.6 | 61.7 | 58.2 | 55.9 | 65.3 | 66.1 | 57.2 |
| May | 62.6 | 61.7 | 58.6 | 64.5 | 58.6 | 55.8 | 63.7 | 59.7 | 57.9 | 66.4 | 67.0 | 59.4 |
| June | 63.0 | 62.5 | 58.9 | 64.6 | 60.0 | 56.0 | 63.9 | 60.9 | 58.3 | 66.8 | 68.4 | 60.1 |
| July | 64.3 | 65.1 | 61.5 | 65.5 | 61.8 | 57.4 | 65.0 | 63.3 | 60.2 | 68.6 | 69.9 | 62.0 |
| August | 65.1 | 63.3 | 60.4 | 66.6 | 59.6 | 55.0 | 65.9 | 61.4 | 58.8 | 69.1 | 68.9 | 59.8 |
| September | 65.2 | 60.3 | 56.4 | 66.1 | 55.0 | 51.7 | 65.7 | 57.3 | 54.9 | 68.2 | 64.3 | 56.9 |
| October | 64.4 | 60.0 | 56.9 | 64.9 | 54.5 | 53.4 | 64.7 | 56.8 | 55.8 | 67.5 | 64.5 | 59.4 |
| November | 65.6 | 60.6 | 59.5 | 65.1 | 60.4 | 56.9 | 65.3 | 60.5 | 58.6 | 68.7 | 66.7 | 62.3 |
| December | 64.6 | 59.1 | 57.2 | 65.9 | 56.9 | 53.6 | 65.3 | 57.8 | 55.9 | 68.3 | 65.5 | 57.4 |
| **1988 Average** | **63.5** | **60.8** | **57.3** | **64.7** | **56.4** | **53.7** | **64.1** | **58.3** | **56.3** | **66.7** | **65.9** | **58.1** |
| **Delaware** | | | | | | | | | | | | |
| January | W | - | 57.6 | - | - | W | W | - | 57.6 | 62.0 | 60.2 | 51.9 |
| February | W | W | 56.6 | - | - | W | W | W | 56.6 | 62.1 | 58.5 | 53.8 |
| March | W | W | 55.8 | - | - | W | W | W | 55.8 | 63.1 | 58.5 | 54.3 |
| April | W | - | 56.5 | - | - | W | W | - | 56.5 | 63.1 | 62.7 | 57.6 |
| May | W | W | 58.5 | - | - | W | W | W | 58.5 | 66.3 | 63.2 | 59.9 |
| June | W | W | 58.6 | - | - | W | W | W | 58.5 | 67.3 | 62.6 | 59.9 |
| July | W | - | 60.6 | - | - | W | W | - | 60.6 | 67.1 | 63.9 | 62.6 |
| August | W | W | 61.0 | - | - | W | W | W | 61.0 | 67.3 | 65.9 | 59.7 |
| September | W | W | 57.5 | - | - | W | W | W | 57.6 | 65.4 | 64.0 | 57.1 |
| October | W | W | 56.7 | - | - | W | W | W | 56.8 | 65.0 | 66.1 | 59.4 |
| November | W | W | 59.8 | - | - | W | W | W | 59.8 | 67.7 | 68.5 | 62.8 |
| December | W | W | W | - | - | W | W | W | 60.4 | 63.9 | 65.5 | 64.3 |
| **1988 Average** | W | W | **58.2** | - | - | W | W | W | **58.2** | **64.7** | **63.6** | **58.5** |
| **District of Columbia** | | | | | | | | | | | | |
| January | - | W | 54.8 | - | - | - | - | W | 54.8 | W | 58.3 | 48.8 |
| February | - | - | 52.0 | - | - | - | - | - | 52.0 | W | 54.9 | 50.3 |
| March | - | W | 53.8 | - | - | - | - | W | 53.8 | W | W | 49.8 |
| April | - | W | 63.2 | - | - | - | - | W | 63.2 | W | 62.3 | 54.8 |
| May | - | W | 63.9 | - | - | - | - | W | 63.9 | W | 60.8 | 56.5 |
| June | - | W | 62.8 | - | - | - | - | W | 62.8 | W | 61.0 | 57.0 |
| July | - | - | 66.7 | - | - | - | - | - | 66.7 | W | 66.8 | 60.6 |
| August | - | W | 67.4 | - | - | - | - | W | 67.4 | W | 63.7 | W |
| September | - | W | 63.8 | - | - | - | - | W | 63.8 | W | 56.7 | W |
| October | - | W | 63.1 | - | - | - | - | W | 63.1 | W | 57.2 | W |
| November | - | W | 59.5 | - | - | - | - | W | 59.5 | W | 60.8 | W |
| December | - | W | 57.0 | - | - | - | - | W | 57.0 | W | W | W |
| **1988 Average** | - | W | **58.1** | - | - | - | - | W | **58.1** | W | **60.1** | **54.5** |

See footnotes at end of table.

# Table 30. Refiner/Reseller Leaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Maryland** | | | | | | | | | | | | |
| January | - | W | 56.2 | W | W | 50.1 | W | 50.6 | 54.6 | 64.8 | 54.4 | 52.7 |
| February | - | 56.3 | 56.2 | W | W | 53.0 | W | 54.2 | 55.5 | 65.6 | 56.1 | 53.0 |
| March | - | W | 56.2 | W | W | 53.1 | W | 52.5 | 55.7 | 64.4 | 59.3 | 54.9 |
| April | - | 57.8 | 59.3 | W | W | 57.0 | W | 57.3 | 59.0 | 68.0 | 63.9 | 57.4 |
| May | - | 60.7 | 60.8 | W | W | 57.8 | W | 59.5 | 60.4 | 69.4 | 62.8 | 58.5 |
| June | - | 57.7 | 60.9 | - | W | 55.2 | - | 57.5 | 60.2 | 69.5 | 66.1 | 62.2 |
| July | - | 61.5 | 63.2 | - | W | 60.2 | - | 62.1 | 63.0 | 73.4 | 65.3 | 62.6 |
| August | - | 56.4 | 62.2 | - | W | W | - | 56.4 | 61.3 | 72.6 | 61.8 | 60.0 |
| September | - | 55.4 | 57.1 | - | W | 52.2 | - | 55.7 | 56.6 | 69.1 | 64.2 | 57.6 |
| October | - | W | 56.7 | - | W | 51.7 | - | 55.0 | 55.7 | 69.1 | 65.5 | 58.7 |
| November | - | W | 59.7 | - | W | 56.7 | - | 57.9 | 59.1 | 70.3 | 67.7 | 61.1 |
| December | - | W | 55.0 | - | W | 53.3 | - | 53.8 | 54.7 | 68.6 | 65.8 | 59.2 |
| **1988 Average** | **-** | **56.7** | **59.0** | W | W | **54.0** | W | **56.3** | **58.2** | **68.7** | **62.3** | **58.5** |
| **New Jersey** | | | | | | | | | | | | |
| January | 67.8 | 55.2 | 55.4 | W | W | 45.6 | 67.7 | 54.6 | 52.7 | 64.2 | 62.6 | 56.8 |
| February | 65.7 | 56.4 | 53.9 | W | W | 47.6 | 66.2 | 55.8 | 53.0 | 63.5 | 63.2 | 54.1 |
| March | 64.3 | 56.1 | 54.0 | W | W | 48.4 | 64.7 | 55.4 | 53.3 | 62.4 | 63.8 | 55.1 |
| April | 64.0 | 58.0 | 58.4 | W | W | 52.5 | 64.6 | 57.6 | 57.7 | 62.6 | 64.7 | 62.4 |
| May | 65.2 | 56.6 | 59.4 | W | W | 54.3 | 65.6 | 57.3 | 58.4 | 64.4 | 65.3 | 64.1 |
| June | 65.4 | 57.5 | 59.3 | W | W | 52.1 | 65.8 | 58.3 | 58.4 | 65.3 | 66.8 | 64.4 |
| July | 66.9 | 61.5 | 61.8 | W | W | 56.8 | 67.2 | 62.0 | 60.7 | 66.7 | 68.8 | 63.2 |
| August | 67.9 | 61.2 | 60.7 | W | W | 50.5 | 68.0 | 60.0 | 57.4 | 67.2 | 66.9 | 57.3 |
| September | 67.8 | 57.9 | 57.1 | W | W | 48.7 | 67.8 | 56.5 | 54.2 | 67.4 | 65.9 | 51.1 |
| October | 65.3 | 57.8 | 56.3 | W | W | 51.5 | 65.9 | 56.2 | 55.5 | 66.5 | 66.8 | 53.7 |
| November | 64.9 | 52.1 | 58.1 | W | W | 54.9 | 65.7 | 54.3 | 56.9 | 66.3 | 68.5 | 55.7 |
| December | 65.3 | 54.9 | 56.2 | W | W | 50.9 | 66.0 | 55.5 | 54.8 | 65.8 | 67.2 | 51.8 |
| **1988 Average** | **65.9** | **56.8** | **57.5** | W | W | **50.9** | **66.3** | **56.7** | **56.1** | **65.2** | **65.6** | **55.7** |
| **New York** | | | | | | | | | | | | |
| January | 66.7 | 64.7 | 57.3 | 68.4 | 52.5 | 51.5 | 67.7 | 56.5 | 55.8 | 68.1 | 66.3 | 58.7 |
| February | 65.4 | 63.9 | 56.8 | 66.4 | 53.3 | 52.2 | 65.9 | 56.4 | 55.8 | 67.0 | 64.9 | 56.6 |
| March | 63.8 | 62.6 | 56.2 | 65.9 | 52.2 | 51.7 | 65.0 | 55.7 | 55.2 | 66.6 | 65.5 | 57.2 |
| April | 63.1 | 64.4 | 58.6 | 65.4 | 56.3 | 55.7 | 64.5 | 58.9 | 58.1 | 67.7 | 67.2 | 58.7 |
| May | 63.9 | 65.4 | 60.4 | 67.5 | 58.5 | 57.5 | 66.1 | 60.1 | 59.8 | 67.7 | 69.1 | 60.5 |
| June | 64.6 | 66.3 | 61.1 | 67.9 | 60.9 | 57.6 | 66.6 | 62.2 | 60.3 | 68.6 | 70.6 | 62.3 |
| July | 65.6 | 69.1 | 63.5 | 68.1 | 61.5 | 60.0 | 67.1 | 64.1 | 62.7 | 69.8 | 73.6 | 63.7 |
| August | 67.1 | 66.5 | 62.0 | 68.9 | 58.9 | 57.0 | 68.2 | 61.8 | 60.7 | 70.9 | 72.5 | 62.7 |
| September | 67.7 | 65.1 | 58.6 | 68.5 | 54.6 | 53.9 | 68.2 | 57.8 | 57.5 | 70.9 | 64.7 | 62.0 |
| October | 67.7 | 65.4 | 59.1 | 67.6 | 54.1 | 54.9 | 67.7 | 57.4 | 58.1 | 68.9 | 65.8 | 61.9 |
| November | 69.3 | 67.4 | 61.3 | 67.4 | 60.2 | 58.9 | 68.3 | 62.0 | 60.7 | 70.4 | 64.9 | 66.8 |
| December | 66.3 | 66.6 | 58.9 | 68.0 | 56.8 | 55.0 | 67.3 | 58.9 | 57.8 | 70.7 | 64.5 | 62.1 |
| **1988 Average** | **65.9** | **65.1** | **59.6** | **67.5** | **56.1** | **55.6** | **66.9** | **58.8** | **58.7** | **68.7** | **68.2** | **61.0** |
| **Pennsylvania** | | | | | | | | | | | | |
| January | 61.2 | 57.8 | 52.2 | 61.9 | 52.0 | 53.4 | 61.6 | 54.5 | 52.6 | 63.5 | 62.5 | 53.0 |
| February | 58.4 | 56.5 | 51.8 | 60.2 | 52.0 | 49.7 | 59.4 | 53.9 | 50.9 | 62.6 | 62.9 | 52.9 |
| March | 55.7 | 56.4 | 50.8 | 58.5 | 53.0 | 49.2 | 57.4 | 54.5 | 50.2 | 61.2 | 62.2 | 52.2 |
| April | 57.2 | 58.4 | 53.8 | 59.3 | 56.3 | 52.7 | 58.5 | 57.4 | 53.5 | 62.6 | 66.1 | 55.9 |
| May | 59.6 | 60.9 | 56.1 | 61.3 | 58.8 | 55.4 | 60.7 | 59.8 | 55.9 | 64.8 | 66.8 | 58.4 |
| June | 59.8 | 61.9 | 56.5 | 60.9 | 58.7 | 55.9 | 60.5 | 60.2 | 56.3 | 64.8 | 67.1 | 57.8 |
| July | 61.0 | 64.2 | 59.0 | 62.4 | 61.9 | 56.5 | 61.9 | 63.0 | 57.9 | 66.5 | 68.4 | 60.4 |
| August | 61.1 | 65.1 | 58.1 | 64.0 | 60.6 | 55.9 | 62.8 | 62.5 | 57.3 | 66.7 | 68.1 | 58.0 |
| September | 60.8 | 59.5 | 54.1 | 63.5 | 55.4 | 51.7 | 62.4 | 57.2 | 53.1 | 65.6 | 63.9 | 56.8 |
| October | 60.1 | 58.6 | 54.8 | 61.9 | 55.1 | 53.1 | 61.2 | 56.7 | 54.0 | 66.1 | 63.3 | 58.8 |
| November | 61.3 | 61.1 | 58.3 | 62.7 | 60.7 | 56.8 | 62.2 | 60.9 | 57.5 | 67.1 | 66.9 | 59.9 |
| December | 62.2 | 58.6 | 56.6 | 63.7 | 57.0 | 53.7 | 63.1 | 57.7 | 55.1 | 67.1 | 65.8 | 56.3 |
| **1988 Average** | **59.8** | **60.0** | **54.9** | **61.6** | **56.7** | **53.6** | **60.9** | **58.2** | **54.4** | **64.6** | **65.2** | **56.4** |

See footnotes at end of table.

# Table 30. Refiner/Reseller Leaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Subdistrict IC Average** | | | | | | | | | | | | |
| January | 61.5 | 49.9 | 48.1 | 61.8 | 50.2 | 46.7 | 61.6 | 50.0 | 47.8 | 62.2 | 59.1 | 55.2 |
| February | 58.9 | 51.3 | 49.9 | 59.1 | 52.2 | 48.4 | 59.0 | 51.6 | 49.6 | 60.6 | 59.8 | 55.2 |
| March | 58.0 | 51.3 | 50.4 | 57.3 | 52.5 | 49.0 | 57.8 | 51.7 | 50.0 | 59.8 | 60.1 | 56.9 |
| April | 60.1 | 56.4 | 55.7 | 59.7 | 53.7 | 54.6 | 60.0 | 54.8 | 55.5 | 63.2 | 63.1 | 59.9 |
| May | 61.4 | 59.4 | 56.4 | 61.1 | 56.8 | 55.1 | 61.3 | 58.1 | 56.1 | 64.5 | 63.3 | 60.5 |
| June | 61.2 | 59.4 | 55.4 | 60.7 | 55.9 | 54.0 | 61.0 | 57.2 | 55.1 | 64.2 | 63.1 | 60.5 |
| July | 62.6 | 62.0 | 60.1 | 62.5 | 60.3 | 59.3 | 62.5 | 61.1 | 60.0 | 66.6 | 66.2 | 63.6 |
| August | 65.0 | 60.4 | 56.5 | 65.0 | 55.8 | 54.4 | 65.0 | 58.0 | 56.0 | 67.3 | 64.1 | 60.7 |
| September | 63.7 | 56.7 | 51.9 | 63.8 | 51.0 | 50.2 | 63.7 | 54.2 | 51.5 | 66.0 | 65.3 | 59.9 |
| October | 62.1 | 56.6 | 53.5 | 62.8 | 52.6 | 52.3 | 62.3 | 54.5 | 53.2 | 65.6 | 65.2 | 60.5 |
| November | 61.3 | 58.6 | 55.6 | 62.0 | 53.8 | 53.7 | 61.5 | 56.1 | 55.0 | 64.7 | 65.8 | 61.1 |
| December | 60.9 | 54.9 | 50.9 | 62.5 | W | 49.2 | 61.3 | 50.3 | 50.5 | 63.7 | 63.9 | 58.8 |
| **1988 Average** | **61.3** | **55.6** | **53.7** | **61.3** | **53.6** | **52.3** | **61.3** | **54.6** | **53.4** | **64.1** | **63.2** | **59.4** |
| **Florida** | | | | | | | | | | | | |
| January | 63.8 | 48.3 | 48.1 | 62.0 | W | 46.6 | 63.4 | 49.4 | 47.5 | 65.3 | 59.1 | 53.8 |
| February | 61.4 | 49.4 | 50.1 | 59.8 | W | 48.6 | 61.0 | 50.7 | 49.5 | 63.8 | 60.0 | 54.8 |
| March | 60.7 | 49.5 | 50.4 | 58.1 | W | 49.3 | 60.1 | 51.0 | 49.9 | 63.0 | 61.1 | 56.2 |
| April | 62.4 | 54.8 | 55.5 | 60.3 | W | 54.6 | 61.9 | 56.8 | 55.1 | 66.2 | 64.7 | 60.1 |
| May | 63.2 | 56.7 | 56.5 | 62.3 | W | 55.4 | 63.0 | 57.3 | 56.1 | 68.1 | 65.0 | 59.7 |
| June | 63.4 | 55.8 | 55.4 | 62.5 | W | 54.2 | 63.1 | 56.3 | 54.9 | 67.8 | 64.2 | 59.5 |
| July | 64.4 | 60.0 | 60.1 | 64.4 | W | 59.2 | 64.4 | 60.6 | 59.7 | 70.5 | 68.1 | 62.4 |
| August | 67.3 | 57.5 | 56.6 | 67.4 | W | 54.9 | 67.3 | 56.5 | 55.9 | 70.9 | 65.2 | 61.3 |
| September | 65.7 | 54.7 | 52.3 | 65.8 | W | 50.6 | 65.7 | 53.2 | 51.6 | 69.0 | 68.4 | 60.6 |
| October | 64.1 | 55.6 | 53.6 | 64.9 | NA | 52.3 | 64.2 | NA | 53.1 | 67.6 | 70.0 | 60.8 |
| November | 63.7 | 56.8 | 55.2 | 64.4 | W | 53.9 | 63.8 | 55.6 | 54.7 | 66.5 | 69.6 | 62.7 |
| December | 63.2 | 53.1 | 51.6 | 63.7 | W | 49.3 | 63.3 | 49.2 | 50.8 | 66.9 | 69.6 | 60.3 |
| **1988 Average** | **63.4** | **52.8** | **53.7** | **62.5** | **W** | **52.5** | **63.2** | **53.7** | **53.2** | **67.0** | **65.3** | **59.6** |
| **Georgia** | | | | | | | | | | | | |
| January | 57.2 | 48.5 | 47.4 | 56.2 | W | 46.8 | 57.0 | 48.5 | 47.3 | 57.9 | 60.1 | 54.7 |
| February | 54.8 | 51.6 | 49.3 | 53.7 | W | 48.3 | 54.5 | 51.6 | 49.1 | 57.6 | 63.4 | 55.2 |
| March | 52.2 | 51.7 | 49.9 | 51.6 | W | 48.0 | 52.0 | 51.6 | 49.4 | 55.9 | 63.1 | 57.4 |
| April | 56.1 | 56.5 | 55.5 | 54.5 | W | 54.1 | 55.6 | 51.5 | 55.2 | 61.1 | 66.0 | 60.5 |
| May | 57.9 | 58.0 | 56.0 | 55.8 | W | 54.7 | 57.3 | 57.3 | 55.7 | 62.0 | 65.6 | 61.4 |
| June | 57.4 | 57.7 | 55.1 | 56.7 | W | 53.6 | 57.2 | 57.2 | 54.8 | 61.1 | 65.3 | 60.7 |
| July | 59.2 | 61.1 | 60.0 | 58.4 | W | 59.2 | 59.0 | 60.9 | 59.8 | 62.4 | 66.9 | 63.1 |
| August | 61.5 | 59.6 | 55.7 | 60.9 | W | 53.7 | 61.3 | 58.8 | 55.3 | 65.0 | 66.5 | 60.3 |
| September | 60.7 | 53.6 | 51.5 | 59.4 | W | 49.6 | 60.3 | 52.9 | 51.1 | 66.7 | 68.2 | 59.8 |
| October | 59.0 | 54.4 | 52.7 | 58.0 | W | 51.9 | 58.7 | 53.9 | 52.6 | 69.2 | 68.5 | 60.9 |
| November | 56.6 | 56.8 | 55.2 | 57.6 | W | 53.2 | 56.9 | 56.4 | 54.7 | 66.7 | 68.8 | 60.1 |
| December | 56.8 | 53.1 | 50.5 | 57.2 | W | 48.6 | 56.9 | 52.4 | 50.1 | 65.0 | 64.6 | 57.2 |
| **1988 Average** | **57.3** | **54.7** | **53.2** | **56.4** | **W** | **51.9** | **57.1** | **53.4** | **52.9** | **62.6** | **65.6** | **59.3** |
| **North Carolina** | | | | | | | | | | | | |
| January | 59.0 | 48.9 | 47.6 | 62.3 | W | 46.8 | 60.3 | 48.8 | 47.5 | 60.4 | 57.5 | 56.1 |
| February | 53.8 | 49.5 | 49.4 | 59.4 | W | 48.4 | 56.1 | 49.5 | 49.2 | 58.3 | 56.2 | 54.8 |
| March | 57.3 | 49.5 | 50.0 | 57.6 | W | 49.0 | 57.4 | 49.5 | 49.8 | 56.7 | 57.2 | 57.5 |
| April | 56.9 | 53.2 | 55.7 | 61.0 | W | 54.9 | 58.7 | 53.6 | 55.6 | 58.6 | 60.1 | 59.0 |
| May | 58.6 | 57.1 | 56.0 | 60.3 | W | 54.9 | 59.3 | 56.1 | 55.8 | 60.8 | 60.8 | 59.5 |
| June | 59.1 | 57.9 | 54.9 | 59.9 | W | 53.9 | 59.5 | 56.2 | 54.8 | 60.7 | 60.8 | 59.8 |
| July | 60.8 | 61.6 | 59.8 | 61.8 | W | 59.3 | 61.2 | 61.2 | 59.8 | 64.2 | 65.1 | 63.2 |
| August | 63.2 | 57.5 | 56.0 | 64.7 | W | 53.7 | 63.8 | 57.2 | 55.5 | 64.3 | 61.6 | 58.9 |
| September | 62.6 | 52.9 | 50.7 | 63.4 | W | 50.0 | 62.9 | 52.4 | 50.6 | 64.5 | 63.5 | 60.9 |
| October | 61.0 | 53.0 | 53.3 | 60.9 | W | 52.0 | 61.0 | 52.4 | 53.1 | 63.3 | 62.5 | 60.9 |
| November | 59.9 | 57.4 | 55.5 | 60.8 | W | 53.1 | 60.3 | 57.0 | 54.9 | 62.9 | 62.7 | 60.4 |
| December | 59.1 | 51.8 | 50.3 | W | W | 48.9 | 61.7 | 51.3 | 50.0 | 61.9 | 60.0 | 59.3 |
| **1988 Average** | **59.2** | **54.7** | **53.3** | **61.3** | **W** | **52.2** | **60.1** | **54.5** | **53.2** | **61.6** | **60.5** | **59.1** |

See footnotes at end of table.

# Table 30. Refiner/Reseller Leaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **South Carolina** | | | | | | | | | | | | |
| January | 56.4 | 49.1 | 47.8 | 63.5 | W | 46.1 | 59.1 | 48.8 | 47.5 | 61.1 | 60.8 | 53.1 |
| February | 54.1 | W | 49.6 | 60.1 | W | 48.2 | 56.5 | 50.3 | 49.4 | 58.8 | 59.9 | 53.0 |
| March | 52.3 | W | 50.1 | 58.4 | W | 48.8 | 54.8 | 49.9 | 49.9 | 59.3 | 61.1 | 55.5 |
| April | 55.8 | 54.0 | 55.5 | 60.8 | W | 54.9 | 57.8 | 54.1 | 55.4 | 62.9 | 63.4 | 59.4 |
| May | 56.3 | W | 56.0 | 63.3 | W | 54.6 | 59.0 | 57.1 | 55.8 | 63.2 | 64.3 | 60.0 |
| June | 56.1 | W | 55.1 | 59.8 | W | 53.6 | 57.6 | 57.5 | 54.9 | 63.9 | 64.2 | 61.1 |
| July | 58.6 | 63.1 | 59.8 | 62.7 | W | 59.3 | 60.1 | 60.7 | 59.8 | 67.2 | 64.4 | 64.5 |
| August | 61.2 | 59.7 | 56.1 | 64.9 | W | 54.0 | 62.6 | 58.9 | 55.8 | 66.7 | 62.4 | 62.1 |
| September | 59.1 | W | 51.8 | W | W | 50.1 | 60.9 | 54.1 | 51.5 | 61.8 | 63.2 | 57.6 |
| October | 57.1 | W | 53.5 | W | W | 52.2 | 60.0 | 56.3 | 53.2 | 60.2 | 64.7 | 59.7 |
| November | 56.2 | W | 55.7 | W | W | 53.7 | 58.6 | 59.1 | 55.2 | 60.6 | 63.2 | 60.4 |
| December | 55.1 | 55.2 | 50.8 | W | W | 49.3 | 57.5 | 54.9 | 50.4 | 58.4 | 64.6 | 58.1 |
| **1988 Average** | **56.5** | **53.2** | **53.5** | **62.0** | W | **52.0** | **58.6** | **53.0** | **53.2** | **61.7** | **63.0** | **58.6** |
| **Virginia** | | | | | | | | | | | | |
| January | 63.1 | 51.1 | 49.8 | 64.2 | W | 46.8 | 63.5 | 48.6 | 49.3 | 63.7 | 58.3 | 55.7 |
| February | 62.0 | W | 51.3 | 61.9 | W | 48.3 | 61.9 | 51.3 | 50.7 | 61.9 | 59.5 | 57.3 |
| March | 61.1 | 52.9 | 51.6 | 61.1 | W | 49.3 | 61.1 | 51.6 | 51.1 | 61.1 | 59.2 | 56.3 |
| April | 62.3 | 55.2 | 56.6 | 61.6 | 55.7 | 55.1 | 62.1 | 55.6 | 56.3 | 63.0 | 62.0 | 61.8 |
| May | 63.7 | 58.8 | 57.2 | 63.1 | W | 55.2 | 63.6 | 55.7 | 56.8 | 63.8 | 61.9 | 62.2 |
| June | 63.1 | 57.8 | 56.4 | 63.8 | W | 54.4 | 63.3 | 55.0 | 56.0 | 64.3 | 62.1 | 61.1 |
| July | 64.2 | 58.2 | 61.0 | 64.2 | W | 59.9 | 64.2 | 58.7 | 60.8 | 65.7 | 65.8 | 65.0 |
| August | 66.5 | 61.3 | 57.8 | 66.2 | W | 54.8 | 66.4 | 54.7 | 57.3 | 66.3 | 63.5 | 61.3 |
| September | 65.0 | 56.0 | 53.2 | 65.5 | W | 50.4 | 65.1 | 50.8 | 52.7 | 66.9 | 62.6 | 56.3 |
| October | 63.8 | 56.4 | 54.4 | 64.5 | W | 53.1 | 64.0 | 52.0 | 54.1 | 66.4 | 63.0 | 57.8 |
| November | 64.3 | 57.8 | 56.4 | 64.6 | W | 54.9 | 64.4 | 52.9 | 56.1 | 65.1 | 63.2 | 59.4 |
| December | 64.0 | 55.8 | 51.4 | 64.8 | W | 49.8 | 64.3 | 46.7 | 51.0 | 63.4 | 62.5 | 56.1 |
| **1988 Average** | **63.6** | **56.8** | **54.9** | **63.7** | W | **52.8** | **63.6** | **52.9** | **54.5** | **64.3** | **62.0** | **59.2** |
| **West Virginia** | | | | | | | | | | | | |
| January | 68.6 | 58.4 | 51.1 | 65.0 | W | 48.1 | 68.4 | 55.0 | 50.9 | 66.8 | 62.0 | 60.0 |
| February | 67.8 | 57.7 | 52.3 | 63.8 | W | 47.1 | 67.6 | 55.4 | 51.3 | 65.1 | 61.5 | 60.6 |
| March | 66.6 | 58.3 | 52.1 | 61.8 | W | 50.4 | 66.3 | 56.4 | 51.9 | NA | 61.9 | 58.6 |
| April | 67.5 | 61.2 | 56.2 | 62.8 | W | 56.0 | 67.3 | 59.9 | 56.2 | 66.0 | 63.6 | 60.9 |
| May | 70.0 | 64.0 | 59.0 | 64.8 | W | 55.4 | 69.7 | 62.2 | 58.3 | 67.3 | 64.9 | 62.5 |
| June | 69.8 | 63.2 | 58.2 | 64.6 | W | 53.9 | 69.6 | 61.1 | 57.4 | 67.5 | 66.0 | 62.5 |
| July | 71.2 | 66.8 | 61.6 | 65.9 | W | 60.4 | 70.9 | 64.9 | 61.5 | 70.6 | 70.2 | 65.9 |
| August | 72.8 | 68.1 | 61.0 | 67.6 | W | 58.5 | 72.5 | 65.1 | 60.8 | 70.6 | 69.2 | 65.8 |
| September | 71.8 | 63.6 | 56.9 | 66.8 | W | 53.3 | 71.6 | 60.4 | 56.7 | 70.1 | 65.3 | 63.7 |
| October | 70.8 | 61.7 | 56.3 | 66.4 | W | 53.7 | 70.6 | 58.6 | 56.0 | 69.5 | 62.3 | 62.1 |
| November | 70.5 | 64.2 | 57.8 | 66.7 | W | 57.2 | 70.3 | 61.1 | 57.8 | 70.7 | 68.5 | 64.3 |
| December | 70.3 | 61.3 | 54.9 | 66.3 | W | 52.8 | 70.2 | 57.7 | 54.7 | 69.5 | 64.9 | 62.3 |
| **1988 Average** | **69.7** | **62.1** | **56.4** | **65.1** | W | **53.5** | **69.5** | **59.7** | **56.1** | **67.9** | **65.1** | **62.5** |
| **PAD District II Average** | | | | | | | | | | | | |
| January | 58.6 | 54.8 | 49.4 | 58.2 | 47.9 | 47.2 | 58.5 | 54.3 | 48.6 | 62.0 | 62.0 | 53.1 |
| February | 58.0 | 54.1 | 50.7 | 57.5 | 49.3 | 48.7 | 57.8 | 53.7 | 50.0 | 60.7 | 61.8 | 53.2 |
| March | 57.2 | 52.8 | 51.2 | 57.4 | 49.9 | 49.7 | 57.3 | 52.5 | 50.6 | 61.2 | 63.1 | 54.4 |
| April | 63.0 | 57.0 | 56.8 | 62.6 | 55.0 | 55.4 | 62.8 | 56.9 | 56.3 | 64.6 | 67.2 | 59.0 |
| May | 65.7 | 59.9 | 57.9 | 65.5 | 56.4 | 55.9 | 65.6 | 59.6 | 57.2 | 66.4 | 67.9 | 59.7 |
| June | 63.7 | 58.9 | 56.5 | 63.6 | 54.5 | 54.5 | 63.7 | 58.5 | 55.7 | 66.1 | 67.7 | 59.3 |
| July | 66.6 | 62.2 | 61.9 | 66.2 | 57.5 | 60.0 | 66.5 | 61.8 | 61.2 | 69.4 | 71.5 | 63.9 |
| August | 69.7 | 63.5 | 60.4 | 69.0 | 58.8 | 58.0 | 69.4 | 63.1 | 59.5 | 68.6 | 70.9 | 62.4 |
| September | 66.2 | 57.5 | 54.0 | 65.7 | 52.3 | 52.4 | 66.0 | 57.1 | 53.4 | 66.7 | 67.7 | 58.0 |
| October | 63.3 | 56.8 | 53.4 | 63.3 | 51.8 | 52.1 | 63.3 | 56.5 | 52.9 | 65.0 | 66.8 | 56.9 |
| November | 64.2 | 59.5 | 56.1 | 64.4 | 53.5 | 53.9 | 64.3 | 59.1 | 55.3 | 65.3 | 67.2 | 58.2 |
| December | 62.3 | 55.4 | 51.4 | 62.8 | 50.4 | 49.0 | 62.5 | 55.1 | 50.5 | 64.0 | 65.6 | 55.2 |
| **1988 Average** | **62.9** | **57.3** | **55.1** | **62.8** | **52.7** | **53.3** | **62.9** | **57.0** | **54.4** | **65.2** | **66.8** | **58.0** |

See footnotes at end of table.

# Table 30. Refiner/Reseller Leaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Illinois** | | | | | | | | | | | | |
| January | 61.5 | 53.9 | 50.1 | 59.7 | - | 47.3 | 61.2 | 53.9 | 49.9 | 62.7 | 61.0 | 52.4 |
| February | 61.5 | 54.8 | 51.1 | 57.4 | - | 48.9 | 61.0 | 54.8 | 50.9 | 62.3 | 61.4 | 52.9 |
| March | 58.3 | 54.1 | 51.3 | 56.4 | - | 49.5 | 58.1 | 54.1 | 51.1 | 62.0 | 61.7 | 53.8 |
| April | 63.2 | 57.5 | 56.5 | 62.3 | - | 55.8 | 63.2 | 57.5 | 56.4 | 65.0 | 66.6 | 58.8 |
| May | 65.0 | 61.5 | 57.3 | 65.9 | - | 55.4 | 65.1 | 61.5 | 57.0 | 66.4 | 67.5 | 59.6 |
| June | 64.1 | 61.4 | 56.4 | 63.7 | - | 54.0 | 64.1 | 61.4 | 56.1 | 66.2 | 67.7 | 58.2 |
| July | 67.5 | 58.5 | 62.5 | 65.5 | - | 61.4 | 67.4 | 58.5 | 62.3 | 68.8 | 70.6 | 63.4 |
| August | 71.6 | 65.6 | 61.8 | 69.2 | W | 59.4 | 71.4 | 65.4 | 61.4 | 70.8 | 71.2 | 62.8 |
| September | 68.4 | 62.9 | 54.1 | 64.5 | - | 52.7 | 68.2 | 62.9 | 53.8 | 69.2 | 67.6 | 56.9 |
| October | 65.5 | 58.5 | 52.8 | 59.8 | W | 53.1 | 65.4 | 58.6 | 52.9 | 67.5 | 66.3 | 55.6 |
| November | 65.9 | 58.4 | 56.4 | 60.0 | W | 55.2 | 65.8 | 58.4 | 56.2 | 67.7 | 65.9 | 57.5 |
| December | 63.1 | 55.9 | 51.1 | 58.0 | - | 49.0 | 63.0 | 55.9 | 50.7 | 65.9 | 63.4 | 53.8 |
| **1988 Average** | **64.5** | **58.2** | **55.2** | **61.1** | W | **53.6** | **64.2** | **58.2** | **55.0** | **66.1** | **66.0** | **57.4** |
| **Indiana** | | | | | | | | | | | | |
| January | 56.3 | 50.8 | 49.2 | W | W | 46.9 | 57.5 | 49.1 | 48.5 | 59.3 | 61.2 | 51.5 |
| February | 57.0 | 51.9 | 50.4 | W | W | 48.3 | 57.9 | 50.4 | 49.8 | 60.2 | 61.1 | 51.7 |
| March | 54.7 | 52.9 | 51.0 | W | W | 48.8 | 57.0 | 50.9 | 50.1 | 63.0 | NA | 52.8 |
| April | 61.9 | 58.6 | 57.2 | W | W | 55.9 | 64.0 | 56.5 | 56.8 | 66.1 | 69.4 | 59.1 |
| May | 63.9 | 60.6 | 57.9 | W | W | 56.4 | 65.8 | 58.7 | 57.4 | 66.0 | 67.9 | 59.6 |
| June | 60.9 | 59.5 | 55.9 | W | W | 55.2 | 62.2 | 57.4 | 55.7 | 65.4 | 68.4 | 58.3 |
| July | 64.5 | 64.7 | 61.8 | W | W | 62.1 | 65.6 | 63.6 | 61.9 | 70.1 | 72.8 | 60.8 |
| August | 66.4 | 66.9 | 60.2 | W | W | 58.9 | 67.6 | 66.3 | 59.8 | 69.7 | 69.4 | 61.7 |
| September | 61.4 | 57.2 | 53.4 | W | - | 52.4 | 62.8 | 57.2 | 53.1 | 67.2 | 67.9 | 58.3 |
| October | 58.0 | 57.2 | 53.2 | W | W | 53.1 | 59.6 | 57.0 | 53.2 | 64.6 | 68.0 | 56.3 |
| November | 62.7 | 60.8 | 57.6 | W | W | 56.6 | 64.9 | 60.6 | 57.2 | 67.6 | 67.7 | 59.2 |
| December | 59.9 | 55.5 | 52.1 | W | - | 50.8 | 61.9 | 55.5 | 51.6 | 62.8 | 67.1 | 53.5 |
| **1988 Average** | **60.6** | **57.6** | **55.2** | W | W | **53.5** | **61.9** | **55.7** | **54.6** | **65.2** | **67.5** | **57.1** |
| **Iowa** | | | | | | | | | | | | |
| January | 63.0 | 48.5 | 49.1 | 59.5 | - | 47.7 | 60.3 | 48.5 | 48.4 | 62.0 | 62.7 | 52.3 |
| February | 61.7 | 51.8 | 51.0 | 57.8 | - | 49.7 | 58.7 | 51.8 | 50.4 | 61.9 | 61.9 | 53.6 |
| March | 61.3 | W | 52.0 | 58.5 | W | 51.1 | 59.1 | 51.8 | 51.5 | 61.9 | 64.2 | 53.9 |
| April | 64.9 | W | 57.4 | 63.4 | W | 56.3 | 63.7 | 55.8 | 56.8 | 67.8 | 67.1 | 59.4 |
| May | 69.0 | 57.3 | 58.0 | 66.7 | W | 56.7 | 67.2 | 57.1 | 57.3 | 69.4 | 70.2 | 61.4 |
| June | 68.4 | 56.2 | 56.6 | 65.9 | W | 55.1 | 66.5 | 56.1 | 55.8 | 69.1 | 68.7 | 59.5 |
| July | 69.6 | W | 61.5 | 67.6 | - | 60.1 | 68.1 | W | 60.8 | 71.0 | 70.8 | 63.9 |
| August | 72.3 | W | 60.0 | 70.5 | W | 58.5 | 71.0 | W | 59.2 | 71.7 | 71.7 | 62.9 |
| September | 68.9 | W | 53.9 | 66.3 | - | 52.6 | 67.2 | W | 53.2 | 65.0 | 68.3 | 57.7 |
| October | 65.6 | 52.5 | 53.1 | 63.9 | - | 52.4 | 64.4 | 52.5 | 52.7 | 63.5 | 66.7 | 56.3 |
| November | 62.7 | 55.6 | 55.6 | 64.2 | - | 54.5 | 63.9 | 55.6 | 55.1 | 63.1 | 67.3 | 58.2 |
| December | 63.2 | W | 51.0 | 65.0 | W | 49.2 | 64.6 | 51.4 | 50.0 | 64.6 | 64.6 | 54.6 |
| **1988 Average** | **66.1** | **53.8** | **55.0** | **63.7** | W | **53.8** | **64.3** | **53.8** | **54.4** | **65.8** | **67.2** | **57.9** |
| **Kansas** | | | | | | | | | | | | |
| January | 58.5 | 46.0 | 47.0 | 60.1 | W | 45.6 | 59.6 | 46.0 | 46.0 | 64.0 | 61.4 | 48.6 |
| February | 58.6 | 47.9 | 48.5 | 58.8 | W | 47.2 | 58.8 | 47.7 | 47.5 | 63.6 | 60.6 | 49.2 |
| March | 58.3 | 48.8 | 49.2 | 59.1 | W | 48.3 | 58.8 | 48.8 | 48.6 | 63.7 | 61.0 | 51.7 |
| April | 62.1 | 53.5 | 54.9 | 62.4 | W | 53.8 | 62.3 | 53.5 | 54.1 | 66.3 | 66.8 | 55.3 |
| May | 65.9 | W | 56.4 | 65.8 | W | 54.6 | 65.8 | 54.7 | 55.0 | 67.8 | 64.8 | 56.1 |
| June | 64.8 | 53.0 | 54.5 | 64.2 | W | 53.5 | 64.4 | 53.0 | 53.8 | 68.1 | 66.0 | 55.8 |
| July | 66.8 | W | 59.9 | 66.5 | W | 58.2 | 66.6 | 57.1 | 58.6 | 70.9 | 70.6 | 60.3 |
| August | 66.8 | 57.6 | 58.8 | 68.2 | W | 56.1 | 67.8 | 57.6 | 56.7 | 71.3 | 67.5 | 58.9 |
| September | 61.9 | W | 53.0 | 63.2 | W | 51.0 | 62.8 | 50.8 | 51.6 | 64.7 | 65.8 | 53.7 |
| October | 60.5 | W | 51.2 | 60.4 | W | 50.7 | 60.4 | 50.3 | 50.8 | 62.3 | 65.1 | 51.6 |
| November | 61.0 | 53.6 | 52.7 | 62.1 | W | 51.9 | 61.7 | 53.1 | 52.1 | 63.4 | 64.8 | 53.2 |
| December | 59.6 | 48.5 | 48.7 | 61.2 | W | 47.3 | 60.7 | 48.5 | 47.7 | 62.5 | 62.8 | 49.6 |
| **1988 Average** | **62.1** | **52.3** | **52.8** | **62.8** | W | **51.8** | **62.6** | **52.4** | **52.0** | **65.4** | **65.0** | **54.3** |

See footnotes at end of table.

# Table 30. Refiner/Reseller Leaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Kentucky** | | | | | | | | | | | | |
| January | 58.8 | 54.2 | 50.6 | 57.7 | W | 51.0 | 58.5 | 54.2 | 50.6 | 58.8 | 59.0 | 57.0 |
| February | 58.8 | 54.5 | 51.8 | 58.7 | W | 51.8 | 58.8 | 54.5 | 51.8 | 58.7 | 59.3 | 57.4 |
| March | 60.5 | 55.1 | 52.7 | 59.1 | - | 52.2 | 60.0 | 55.1 | 52.7 | 59.5 | 59.0 | 56.9 |
| April | 66.8 | W | 58.6 | 64.0 | - | 55.5 | 65.9 | 60.9 | 58.3 | 63.8 | 63.4 | 61.6 |
| May | 70.6 | W | 60.6 | 67.5 | - | 56.0 | 69.6 | W | 60.0 | 68.8 | 64.5 | 63.3 |
| June | 69.2 | W | 59.0 | 65.6 | - | 55.8 | 68.1 | W | 58.7 | 67.4 | 65.9 | 63.4 |
| July | 68.5 | W | 64.2 | 66.9 | - | 61.4 | 68.0 | W | 63.8 | 68.6 | 69.0 | 66.1 |
| August | 71.0 | W | 60.7 | 69.0 | - | 59.2 | 70.4 | W | 60.5 | 70.1 | 66.1 | 64.0 |
| September | 66.5 | W | 53.9 | 67.6 | - | 53.1 | 66.8 | W | 53.9 | 67.6 | 64.2 | 61.5 |
| October | 62.7 | W | 54.9 | 63.9 | - | 54.4 | 63.0 | W | 54.9 | 64.7 | 64.1 | 62.2 |
| November | 65.3 | 64.0 | 58.3 | 66.5 | - | 55.8 | 65.6 | 64.0 | 58.0 | 67.3 | 65.3 | 62.8 |
| December | 63.5 | W | 54.0 | 65.2 | - | 51.7 | 63.9 | W | 53.7 | 66.5 | 62.2 | 60.8 |
| **1988 Average** | **65.1** | W | **56.6** | **64.3** | W | **55.4** | **64.9** | W | **56.5** | **65.1** | **63.8** | **61.6** |
| **Michigan** | | | | | | | | | | | | |
| January | 60.1 | 51.6 | 51.4 | 59.8 | - | 49.1 | 59.9 | 51.6 | 50.9 | 63.8 | 63.5 | 57.2 |
| February | 58.0 | 52.9 | 51.9 | 58.7 | - | 49.6 | 58.3 | 52.9 | 51.4 | 61.1 | 64.4 | 56.7 |
| March | 55.3 | 52.6 | 52.0 | 58.0 | - | 50.3 | 56.5 | 52.6 | 51.5 | 62.4 | 65.5 | 57.6 |
| April | 61.9 | 58.7 | 57.7 | 64.1 | - | 56.1 | 62.8 | 58.7 | 57.3 | 64.6 | 68.3 | 62.0 |
| May | 64.7 | 60.7 | 59.0 | 67.1 | - | 58.4 | 65.6 | 60.7 | 58.8 | 68.2 | 68.9 | 62.5 |
| June | 62.5 | 60.6 | 57.0 | 64.9 | - | 54.7 | 63.4 | 60.6 | 56.4 | 68.0 | 68.1 | 63.3 |
| July | 65.4 | 64.2 | 62.5 | 67.5 | - | 62.1 | 66.2 | 64.2 | 62.4 | 72.8 | 71.6 | 65.6 |
| August | 68.4 | 65.4 | 63.5 | 70.4 | - | 61.4 | 69.2 | 65.4 | 63.0 | 72.6 | 73.2 | 66.1 |
| September | 65.1 | 61.2 | 56.3 | 67.7 | - | 53.9 | 66.1 | 61.2 | 55.7 | 70.7 | 67.1 | 61.3 |
| October | 62.5 | 59.6 | 55.8 | 65.1 | - | 54.3 | 63.5 | 59.6 | 55.4 | 69.0 | 68.8 | 61.4 |
| November | 64.2 | 63.6 | 60.0 | 66.6 | - | 59.0 | 65.2 | 63.6 | 59.8 | 68.5 | 69.7 | 62.7 |
| December | 62.1 | 57.6 | 54.6 | 64.7 | - | 52.3 | 63.1 | 57.6 | 54.0 | 66.9 | 67.0 | 58.7 |
| **1988 Average** | **62.4** | **57.7** | **57.1** | **64.1** | - | **55.2** | **63.1** | **57.7** | **56.6** | **67.5** | **68.3** | **61.6** |
| **Minnesota** | | | | | | | | | | | | |
| January | 64.3 | 50.7 | 50.2 | 63.0 | W | 49.0 | 64.1 | 50.4 | 49.7 | 68.0 | 67.3 | 53.7 |
| February | 61.6 | 51.9 | 51.8 | 60.0 | W | 50.4 | 61.3 | 51.8 | 51.1 | 66.1 | 66.8 | 53.7 |
| March | 59.5 | 52.0 | 52.6 | 57.7 | W | 51.7 | 59.2 | 52.1 | 52.2 | 66.6 | 65.7 | 56.1 |
| April | 63.5 | 57.9 | 58.2 | 62.1 | W | 57.3 | 63.3 | 57.9 | 57.8 | 67.2 | 68.6 | 61.1 |
| May | 67.4 | 58.3 | 58.8 | 66.1 | W | 57.4 | 67.2 | 58.3 | 58.1 | 69.8 | 71.3 | 60.9 |
| June | 65.8 | 57.3 | 58.0 | 65.4 | W | 56.1 | 65.7 | 57.3 | 57.1 | 69.7 | 70.9 | 60.1 |
| July | 69.9 | 62.9 | 62.6 | 67.7 | W | 61.7 | 69.5 | 63.0 | 62.2 | 73.2 | 75.0 | 65.0 |
| August | 74.2 | W | 62.5 | 72.2 | W | 60.9 | 73.7 | 62.3 | 61.7 | 73.4 | 75.7 | 63.6 |
| September | 72.2 | 56.9 | 56.5 | 70.7 | W | 54.9 | 71.9 | 56.8 | 55.7 | 70.5 | 70.1 | 58.4 |
| October | 70.0 | W | 54.9 | 71.2 | W | 53.5 | 70.2 | 53.7 | 54.3 | 69.1 | 69.1 | 58.6 |
| November | 68.3 | W | 55.8 | 66.3 | W | 54.6 | 67.9 | W | 55.2 | 69.3 | 69.5 | 57.8 |
| December | 65.9 | 51.2 | 52.0 | 63.7 | W | 50.4 | 65.4 | 51.3 | 51.2 | 66.9 | 69.6 | 55.9 |
| **1988 Average** | **66.8** | **55.5** | **56.4** | **65.8** | W | **55.1** | **66.6** | **55.4** | **55.8** | **69.2** | **70.5** | **59.1** |
| **Missouri** | | | | | | | | | | | | |
| January | 60.0 | 54.2 | 48.4 | 57.7 | W | 46.4 | 58.8 | 53.4 | 47.5 | 62.5 | 61.0 | 49.8 |
| February | 58.9 | 51.1 | 50.3 | 56.7 | W | 48.2 | 57.7 | 50.8 | 49.4 | 60.0 | 60.5 | 50.7 |
| March | 57.7 | 52.0 | 50.6 | 56.4 | W | 49.0 | 57.0 | 51.9 | 49.9 | 58.5 | 63.6 | 53.0 |
| April | 61.6 | 58.6 | 56.3 | 60.7 | - | 54.8 | 61.1 | 58.6 | 55.6 | 62.2 | 68.4 | 57.8 |
| May | 64.2 | 58.2 | 56.9 | 63.4 | - | 55.2 | 63.8 | 58.2 | 56.1 | 63.6 | 68.2 | 57.5 |
| June | 62.8 | W | 55.4 | 61.5 | W | 53.8 | 62.1 | W | 54.6 | 63.1 | 67.0 | 57.7 |
| July | 65.4 | W | 60.6 | 64.2 | W | 59.0 | 64.8 | 60.6 | 59.9 | 65.6 | 69.5 | 62.6 |
| August | 66.5 | W | 58.8 | 65.0 | W | 55.9 | 65.7 | 60.1 | 57.3 | 66.8 | 69.1 | 58.9 |
| September | 63.1 | W | 52.9 | 60.4 | W | 51.2 | 61.6 | W | 52.1 | 61.4 | 66.1 | 55.3 |
| October | 62.1 | W | 52.5 | 59.5 | W | 51.0 | 60.7 | W | 51.8 | 61.5 | 66.2 | 55.4 |
| November | 61.3 | W | 54.9 | 59.9 | W | 53.4 | 60.6 | W | 54.2 | 61.2 | 65.8 | 55.7 |
| December | 59.1 | W | 49.8 | 57.4 | W | 47.9 | 58.2 | 49.5 | 48.9 | 59.9 | 67.0 | 52.6 |
| **1988 Average** | **61.8** | **55.6** | **54.0** | **60.2** | **53.5** | **52.5** | **61.0** | **55.0** | **53.3** | **62.3** | **66.1** | **56.0** |

See footnotes at end of table.

# Table 30. Refiner/Reseller Leaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Nebraska** | | | | | | | | | | | | |
| January | W | 47.7 | 48.5 | 56.8 | - | 47.2 | 56.3 | 47.7 | 47.7 | 63.9 | 63.9 | 52.7 |
| February | W | 50.1 | 50.5 | 56.3 | W | 48.9 | 56.8 | 49.7 | 49.4 | 62.3 | 64.3 | 52.9 |
| March | W | W | 51.2 | 56.0 | W | 50.1 | 56.7 | 50.7 | 50.5 | 62.2 | 62.6 | 52.8 |
| April | W | W | 56.6 | 61.8 | W | 55.6 | 62.6 | 54.0 | 56.0 | 64.3 | 65.4 | 58.5 |
| May | W | W | 57.4 | 63.4 | W | 56.0 | 63.9 | W | 56.5 | 65.3 | 63.8 | 58.4 |
| June | W | W | 56.0 | 61.2 | W | 54.6 | 62.1 | W | 55.1 | 65.8 | 65.8 | 60.3 |
| July | W | W | 60.9 | 64.7 | W | 59.9 | 65.7 | W | 60.2 | 67.2 | 68.5 | 63.3 |
| August | W | W | 59.2 | 68.6 | W | 57.7 | 69.3 | W | 58.3 | 68.2 | 68.0 | 60.0 |
| September | W | W | 53.2 | 65.9 | W | 51.9 | 66.5 | W | 52.4 | 68.6 | 65.8 | 57.4 |
| October | W | W | 52.3 | 61.8 | W | 51.1 | 62.6 | W | 51.6 | 66.2 | 64.4 | 56.2 |
| November | W | W | 54.6 | 63.0 | W | 53.3 | 63.5 | W | 53.8 | 65.1 | 64.4 | 57.2 |
| December | W | W | 50.5 | 61.2 | W | 48.7 | 61.5 | W | 49.3 | 62.9 | 61.7 | 54.3 |
| **1988 Average** | W | W | **54.5** | **61.3** | W | **53.1** | **61.9** | **53.3** | **53.6** | **65.3** | **65.1** | **57.6** |
| **North Dakota** | | | | | | | | | | | | |
| January | 65.1 | 50.6 | 51.4 | W | - | 49.7 | 64.6 | 50.6 | 50.4 | 67.0 | 69.5 | 51.9 |
| February | 65.1 | 53.3 | 52.0 | W | - | 50.2 | 64.7 | 53.3 | 50.9 | 65.8 | 67.6 | 53.6 |
| March | 64.9 | 52.5 | 53.2 | W | - | 51.9 | 64.6 | 52.5 | 52.5 | 66.6 | 68.0 | 55.6 |
| April | 69.1 | 57.6 | 58.2 | W | - | 57.5 | 68.8 | 57.6 | 57.8 | 68.6 | 71.9 | 60.4 |
| May | 73.6 | W | 59.6 | W | - | 58.1 | 72.9 | W | 58.8 | 72.8 | 73.3 | 59.4 |
| June | 73.9 | 59.2 | 58.9 | W | - | 57.5 | 73.5 | 59.2 | 58.2 | 72.9 | 72.8 | 57.6 |
| July | 73.5 | 61.3 | 63.5 | W | - | 61.8 | 72.8 | 61.3 | 62.5 | 73.2 | 74.3 | 65.3 |
| August | 77.2 | 64.6 | 64.1 | W | - | 62.1 | 75.8 | 64.6 | 62.9 | 74.9 | 77.8 | 60.0 |
| September | 75.8 | 56.8 | 58.2 | W | - | 56.1 | 73.8 | 56.8 | 56.9 | 71.2 | 74.1 | 57.7 |
| October | 69.6 | 55.4 | 55.9 | W | - | 54.6 | 69.1 | 55.4 | 55.1 | 69.7 | 71.7 | 58.4 |
| November | 70.1 | 56.3 | 57.3 | W | - | 55.1 | 69.2 | 56.3 | 55.9 | 72.1 | 71.7 | 58.7 |
| December | 72.6 | 54.8 | 54.0 | W | - | 51.8 | 72.0 | 54.8 | 52.7 | 70.2 | 71.5 | 55.2 |
| **1988 Average** | **70.8** | **57.9** | **57.7** | **65.1** | - | **55.9** | **70.2** | **57.9** | **56.7** | **70.7** | **72.5** | **58.2** |
| **Ohio** | | | | | | | | | | | | |
| January | 58.6 | 58.4 | 50.5 | 55.8 | W | 48.2 | 58.5 | 58.3 | 50.2 | 59.8 | 61.4 | 54.6 |
| February | 57.8 | 57.5 | 51.9 | 55.1 | W | 49.8 | 57.6 | 57.4 | 51.7 | 56.7 | 61.1 | 54.3 |
| March | 58.7 | 55.1 | 52.3 | 56.9 | W | 50.1 | 58.5 | 55.0 | 52.1 | 57.1 | 60.5 | 54.0 |
| April | 65.2 | 61.2 | 58.0 | 61.7 | W | 56.2 | 64.9 | 61.1 | 57.9 | 63.4 | 65.2 | 59.3 |
| May | 67.9 | 64.1 | 59.4 | 64.5 | W | 56.7 | 67.6 | 64.1 | 59.2 | 65.3 | 66.5 | 61.0 |
| June | 65.0 | 63.2 | 57.7 | 61.9 | W | 55.4 | 64.8 | 62.8 | 57.6 | 60.7 | 65.3 | 59.1 |
| July | 67.8 | W | 63.0 | 66.3 | W | 61.0 | 67.7 | W | 62.9 | 67.3 | 70.6 | 65.1 |
| August | 72.0 | 66.6 | 61.0 | 68.4 | W | 58.2 | 71.9 | 66.5 | 60.9 | NA | 68.3 | 63.4 |
| September | 68.2 | 61.9 | 54.7 | 65.3 | W | 52.1 | 68.0 | 61.6 | 54.5 | 67.8 | 66.0 | 58.9 |
| October | 65.3 | 62.6 | 55.3 | 61.9 | W | 53.7 | 65.1 | 62.6 | 55.2 | 65.6 | 64.4 | 57.7 |
| November | 66.1 | 64.9 | 58.0 | W | W | 56.1 | 66.0 | 64.5 | 57.9 | 66.1 | 66.8 | 61.4 |
| December | 64.3 | 61.0 | 53.0 | W | W | 49.6 | 64.1 | 60.9 | 52.7 | 63.6 | 63.2 | 58.4 |
| **1988 Average** | **63.9** | **60.6** | **56.4** | **60.7** | W | **53.3** | **63.7** | **60.5** | **56.2** | **62.5** | **64.9** | **59.1** |
| **Oklahoma** | | | | | | | | | | | | |
| January | 53.4 | 46.1 | 45.9 | 54.2 | W | 45.6 | 53.6 | 46.2 | 45.8 | 60.6 | 58.5 | 53.7 |
| February | 54.7 | 47.8 | 47.6 | 52.4 | W | 47.4 | 53.7 | 47.9 | 47.5 | 59.5 | 58.0 | 52.6 |
| March | 55.0 | 48.5 | 48.3 | 53.6 | W | 48.3 | 54.4 | 48.6 | 48.3 | 59.7 | 61.2 | 53.5 |
| April | 61.5 | 52.4 | 53.4 | 59.4 | W | 54.2 | 60.6 | 52.5 | 53.7 | 63.9 | 62.4 | 56.9 |
| May | 64.5 | W | 54.9 | 63.3 | W | 54.5 | 64.0 | 54.7 | 54.7 | 67.2 | 63.6 | 57.8 |
| June | 62.4 | 53.5 | 53.3 | 61.2 | W | 53.1 | 61.9 | 53.5 | 53.2 | 66.5 | 64.1 | 58.8 |
| July | 65.1 | 57.6 | 58.4 | 62.8 | 59.1 | 57.8 | 64.1 | 57.7 | 58.1 | 67.4 | 67.1 | 61.2 |
| August | 66.1 | 57.2 | 56.8 | 65.2 | W | 56.0 | 65.7 | 57.2 | 56.4 | 68.9 | 66.5 | 61.0 |
| September | 61.2 | W | 50.9 | 60.1 | W | 50.3 | 60.8 | 50.9 | 50.6 | 67.6 | 63.4 | 57.2 |
| October | 57.7 | 50.0 | 49.2 | 55.9 | W | 49.4 | 57.0 | 50.1 | 49.3 | 64.9 | 59.0 | 55.7 |
| November | 58.8 | 52.3 | 51.2 | 56.9 | 52.4 | 51.4 | 58.1 | 52.3 | 51.2 | 64.5 | 59.7 | 57.9 |
| December | 57.9 | 47.7 | 47.2 | 55.6 | W | 47.7 | 57.0 | 47.8 | 47.4 | 64.5 | 61.0 | 55.5 |
| **1988 Average** | **59.8** | **51.9** | **51.5** | **58.3** | **52.8** | **51.5** | **59.2** | **52.0** | **51.5** | **64.7** | **62.3** | **56.9** |

See footnotes at end of table.

# Table 30. Refiner/Reseller Leaded Gasoline Prices by Seller Type (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **South Dakota** | | | | | | | | | | | | |
| January | W | W | 50.4 | W | W | 48.4 | W | 50.0 | 49.2 | 64.1 | 61.6 | 52.7 |
| February | W | W | 51.4 | W | W | 49.3 | W | 51.7 | 50.1 | 61.7 | NA | 51.6 |
| March | W | W | 52.3 | W | W | 50.9 | W | 53.0 | 51.4 | 63.6 | NA | 54.1 |
| April | W | W | 57.1 | W | W | 56.0 | W | 56.4 | 56.4 | 67.0 | 71.6 | 58.9 |
| May | W | W | 59.0 | W | W | 58.1 | W | 59.3 | 58.5 | 67.5 | NA | 60.8 |
| June | W | 58.1 | 58.3 | W | W | 57.0 | W | 58.0 | 57.6 | 69.0 | 70.8 | 58.8 |
| July | W | 60.7 | 62.2 | W | W | 60.8 | W | 60.2 | 61.3 | 71.4 | NA | NA |
| August | W | 64.1 | 63.3 | W | - | 61.2 | W | 64.1 | 62.2 | 73.2 | 72.8 | NA |
| September | W | 58.7 | 59.0 | W | W | 55.6 | W | 57.6 | 57.1 | 70.2 | 72.4 | 62.5 |
| October | W | W | 55.8 | W | - | 54.0 | 69.0 | 54.2 | 54.7 | 67.9 | 70.0 | 58.8 |
| November | W | W | 56.3 | W | W | 54.9 | 66.1 | 55.4 | 55.5 | 66.0 | 70.6 | 59.3 |
| December | W | 52.8 | 53.3 | W | - | 51.6 | 67.2 | 52.8 | 52.3 | 66.0 | 70.2 | 56.7 |
| **1988 Average** | W | **56.6** | **56.9** | W | W | **54.9** | **66.4** | **56.5** | **55.7** | **67.7** | **69.7** | **58.6** |
| **Tennessee** | | | | | | | | | | | | |
| January | 54.0 | 48.2 | 47.7 | 52.8 | W | 46.5 | 53.8 | 48.0 | 47.5 | 56.8 | 51.7 | 54.4 |
| February | 52.8 | 48.6 | 49.4 | 57.0 | 49.4 | 48.3 | 55.0 | 49.2 | 49.2 | 55.5 | 53.2 | 54.1 |
| March | 51.4 | 49.7 | 49.8 | 56.2 | 50.1 | 48.5 | 53.9 | 50.0 | 49.5 | 56.4 | 56.4 | 55.2 |
| April | 56.5 | 53.0 | 55.6 | 61.0 | W | 54.7 | 58.8 | 53.8 | 55.4 | 59.7 | 59.5 | 59.7 |
| May | 58.5 | 56.4 | 56.6 | 64.1 | W | 54.7 | 61.4 | 56.4 | 56.2 | 59.9 | 59.3 | 60.7 |
| June | 57.8 | 56.5 | 55.6 | 63.3 | W | 53.8 | 60.7 | 54.2 | 55.2 | 61.1 | 61.4 | 61.0 |
| July | 61.7 | 61.5 | 60.6 | 66.3 | W | 59.4 | 64.1 | 57.7 | 60.3 | 64.5 | 64.9 | 64.5 |
| August | 64.1 | 58.0 | 56.6 | 70.3 | 55.1 | 54.6 | 67.3 | 57.2 | 56.1 | 65.3 | 61.7 | 61.7 |
| September | 62.5 | 54.8 | 52.2 | 68.5 | W | 50.2 | 65.7 | 53.2 | 51.8 | 63.4 | 63.2 | 55.7 |
| October | 59.7 | 55.2 | 53.0 | 66.7 | W | 52.1 | 63.5 | 53.7 | 52.8 | 62.0 | 62.7 | 54.1 |
| November | 58.5 | 56.6 | 55.8 | 66.1 | W | 53.7 | 62.7 | 56.1 | 55.2 | 61.7 | 64.0 | 54.7 |
| December | 58.6 | 53.1 | 51.3 | 65.7 | W | 48.9 | 62.5 | 52.0 | 50.6 | 60.9 | 62.2 | 53.0 |
| **1988 Average** | **57.9** | **54.4** | **53.8** | **63.6** | W | **52.3** | **60.8** | **52.8** | **53.5** | **60.8** | **59.4** | **57.4** |
| **Wisconsin** | | | | | | | | | | | | |
| January | 57.2 | W | 49.5 | W | W | 49.1 | 57.3 | W | 49.3 | 62.6 | 64.6 | 54.9 |
| February | 57.8 | W | 51.3 | W | W | 50.4 | 57.8 | 52.6 | 50.9 | 62.4 | 63.5 | 53.4 |
| March | 56.4 | W | 51.4 | W | W | 50.9 | 56.2 | W | 51.2 | 61.0 | 62.6 | 54.5 |
| April | 62.5 | W | 57.2 | W | W | 56.8 | 62.4 | 58.6 | 57.0 | 66.6 | 69.3 | 58.8 |
| May | 64.1 | W | 57.3 | W | W | 56.9 | 64.0 | 59.3 | 57.1 | 66.6 | 69.0 | 59.2 |
| June | 62.5 | W | 56.1 | W | W | 55.4 | 62.4 | 56.2 | 55.8 | 66.8 | 68.9 | 58.4 |
| July | 67.7 | W | 63.0 | W | W | 63.1 | 67.6 | 64.7 | 63.0 | 70.9 | 74.7 | 67.7 |
| August | 70.9 | W | 62.7 | W | W | 61.7 | 70.8 | 64.9 | 62.3 | 73.1 | 74.5 | 66.0 |
| September | 67.3 | W | 55.0 | W | W | 54.1 | 67.2 | 57.0 | 54.6 | 67.1 | 68.6 | 59.5 |
| October | 63.9 | 58.2 | 54.4 | W | W | 54.4 | 63.7 | 56.5 | 54.4 | 65.3 | 67.6 | 58.3 |
| November | 65.9 | W | 57.3 | W | W | 56.2 | 65.9 | 58.0 | 56.8 | 66.2 | 67.2 | 57.6 |
| December | 61.6 | W | 50.8 | W | W | 50.0 | 61.4 | W | 50.4 | 64.1 | 64.9 | 55.5 |
| **1988 Average** | **63.0** | W | **55.7** | W | W | **55.1** | **62.8** | **58.8** | **55.4** | **66.2** | **68.0** | **58.9** |
| **PAD District III Average** | | | | | | | | | | | | |
| January | 60.3 | 48.7 | 48.1 | 58.6 | 46.7 | 47.3 | 59.6 | 48.1 | 47.8 | 60.6 | 58.1 | 55.0 |
| February | 58.3 | 50.2 | 49.4 | 56.3 | 46.9 | 48.1 | 57.4 | 47.9 | 48.9 | 59.7 | 57.7 | 55.2 |
| March | 57.4 | 50.8 | 50.0 | 55.2 | 47.4 | 48.6 | 56.5 | 48.8 | 49.4 | 59.5 | 59.0 | 56.1 |
| April | 60.3 | 54.0 | 55.0 | 57.8 | 54.3 | 53.5 | 59.2 | 54.1 | 54.4 | 63.1 | 62.8 | 60.0 |
| May | 61.4 | 56.3 | 56.1 | 60.4 | 56.6 | 54.6 | 60.9 | 56.4 | 55.5 | 64.1 | 63.9 | 60.6 |
| June | 61.6 | 55.9 | 55.6 | 60.2 | 53.3 | 54.2 | 60.9 | 54.1 | 55.0 | 63.9 | 64.6 | 60.9 |
| July | 64.1 | 59.0 | 59.4 | 62.2 | 59.8 | 57.8 | 63.2 | 59.3 | 58.8 | 66.8 | 67.0 | 63.3 |
| August | 66.9 | 59.7 | 57.4 | 65.7 | 58.4 | 55.8 | 66.4 | 59.2 | 56.8 | 67.5 | 66.2 | 61.9 |
| September | 65.6 | 54.9 | 53.5 | 63.8 | 55.3 | 51.8 | 64.8 | 55.1 | 52.8 | 67.0 | 63.4 | 58.3 |
| October | 63.4 | 54.9 | 53.2 | 61.5 | 53.3 | 51.6 | 62.6 | 54.3 | 52.6 | 65.6 | 65.0 | 58.9 |
| November | 62.2 | 57.0 | 54.7 | 60.9 | 52.7 | 52.9 | 61.6 | 53.4 | 53.9 | 64.2 | 64.4 | 59.3 |
| December | 61.3 | 51.7 | 50.3 | 59.8 | 45.6 | 48.7 | 60.6 | 46.3 | 49.6 | 63.4 | 62.7 | 56.1 |
| **1988 Average** | **61.6** | **53.9** | **53.6** | **60.0** | **50.0** | **52.0** | **60.9** | **51.4** | **53.0** | **63.6** | **62.7** | **58.9** |

See footnotes at end of table.

# Table 30. Refiner/Reseller Leaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Alabama** | | | | | | | | | | | | |
| January | 58.4 | W | 47.6 | 63.5 | W | 46.1 | 60.4 | 48.2 | 47.2 | 59.9 | 61.4 | 56.8 |
| February | 55.6 | 50.7 | 49.5 | 57.7 | W | 47.2 | 56.6 | 50.3 | 48.7 | 59.3 | 61.7 | 56.7 |
| March | 55.1 | 51.2 | 49.9 | 58.2 | W | 48.6 | 56.6 | 50.6 | 49.6 | 59.2 | 60.7 | 57.7 |
| April | 59.3 | W | 55.5 | 63.1 | W | 54.5 | 61.2 | 56.0 | 55.2 | 61.8 | 64.6 | 61.6 |
| May | 62.3 | 57.6 | 56.2 | 66.0 | W | 54.6 | 64.1 | 57.6 | 55.7 | 63.8 | 64.5 | 61.6 |
| June | 61.7 | 57.2 | 55.4 | 65.2 | W | 53.3 | 63.4 | 56.5 | 54.8 | 63.2 | 65.5 | 63.3 |
| July | 64.2 | W | 60.1 | 70.6 | W | 57.0 | 67.3 | 64.2 | 59.0 | 66.3 | 65.4 | 63.2 |
| August | 66.5 | 58.2 | 56.2 | 68.9 | W | 53.9 | 67.6 | 58.2 | 55.4 | 66.0 | 64.4 | 61.4 |
| September | 64.9 | 52.7 | 52.0 | 65.9 | W | 49.4 | 65.4 | 54.4 | 51.3 | 66.2 | 60.5 | 58.7 |
| October | 63.4 | 55.0 | 52.6 | 63.7 | W | 50.7 | 63.5 | 54.5 | 52.0 | 64.6 | 60.3 | 61.7 |
| November | 62.5 | W | 55.3 | 63.7 | W | 53.9 | 63.1 | 56.9 | 54.9 | 62.3 | 59.5 | 62.3 |
| December | 60.2 | 51.5 | 50.7 | 62.8 | W | 48.6 | 61.4 | 51.3 | 49.6 | 63.4 | 61.2 | 61.1 |
| **1988 Average** | **61.0** | **54.7** | **53.5** | **64.0** | **52.7** | **51.5** | **62.4** | **54.5** | **52.8** | **62.7** | **62.9** | **60.5** |
| **Arkansas** | | | | | | | | | | | | |
| January | 56.3 | W | 47.4 | W | W | 46.2 | 56.6 | 48.0 | 46.8 | 56.9 | 58.5 | 52.3 |
| February | 54.6 | 51.7 | 49.0 | W | W | 48.1 | 53.3 | 52.4 | 48.6 | 57.1 | 58.4 | 52.1 |
| March | 55.6 | 49.1 | 49.4 | W | 51.6 | 48.5 | 53.7 | 50.3 | 49.0 | 58.8 | 59.0 | 55.4 |
| April | 60.3 | W | 55.1 | W | W | 54.3 | 58.7 | 56.0 | 54.8 | 61.7 | 65.3 | 59.8 |
| May | 62.6 | W | 56.1 | W | W | 55.0 | 60.8 | 56.5 | 55.7 | 62.6 | 64.1 | 59.6 |
| June | 60.3 | W | 55.0 | W | W | 53.5 | 58.8 | 56.2 | 54.4 | 64.1 | 63.0 | 58.4 |
| July | 64.4 | W | 60.1 | W | W | 58.9 | 61.5 | 60.7 | 59.6 | 65.7 | 67.8 | 63.1 |
| August | 67.1 | 58.5 | 57.9 | W | 60.0 | 55.9 | 65.1 | 59.3 | 57.0 | 67.0 | 66.8 | 61.6 |
| September | 66.2 | W | 53.1 | W | W | 50.9 | 63.9 | 58.9 | 52.1 | 62.6 | 65.3 | 57.9 |
| October | 63.9 | W | 53.0 | W | 56.1 | 51.6 | 61.4 | 54.7 | 52.3 | 61.0 | 64.0 | 56.1 |
| November | 63.1 | W | 55.4 | W | W | 53.4 | 61.5 | W | 54.3 | 60.8 | 61.1 | 57.0 |
| December | 62.1 | W | 50.2 | W | W | 48.5 | 60.3 | 55.6 | 49.3 | 57.9 | 63.8 | 56.4 |
| **1988 Average** | **60.9** | **53.3** | **53.5** | W | **57.1** | **52.1** | **59.4** | **55.2** | **52.9** | **61.6** | **63.1** | **57.5** |
| **Louisiana** | | | | | | | | | | | | |
| January | 58.9 | 50.8 | 47.3 | 54.2 | 52.3 | 45.7 | 56.7 | 50.9 | 46.7 | 59.1 | 58.5 | 58.5 |
| February | 56.3 | 50.5 | 48.5 | 54.6 | 53.0 | 47.7 | 55.4 | 51.6 | 48.3 | 57.5 | 56.9 | 57.5 |
| March | 55.5 | 50.1 | 48.7 | 52.4 | 52.3 | 47.3 | 54.0 | 50.8 | 48.2 | 57.1 | 57.3 | 56.1 |
| April | 57.3 | 54.1 | 54.5 | 55.3 | W | 53.1 | 56.2 | 54.7 | 54.0 | 59.9 | 62.0 | 63.0 |
| May | 59.5 | 57.2 | 55.0 | 58.2 | W | 54.0 | 58.8 | 58.2 | 54.7 | 62.5 | NA | 63.4 |
| June | 59.3 | W | 54.0 | 57.7 | 66.2 | 53.5 | 58.4 | 58.0 | 53.8 | 62.1 | 63.0 | 63.3 |
| July | 62.0 | W | 57.7 | 59.4 | 67.9 | 57.5 | 60.6 | 62.9 | 57.6 | 64.6 | 65.9 | 66.9 |
| August | 65.4 | W | 55.2 | 64.0 | 61.5 | 53.3 | 64.7 | 61.1 | 54.6 | 66.6 | 62.9 | 66.2 |
| September | 63.4 | W | 51.5 | 62.7 | W | 50.4 | 63.0 | 54.5 | 51.2 | 64.3 | 58.1 | 61.9 |
| October | 63.8 | W | 52.9 | 60.0 | W | 51.0 | 62.3 | 53.3 | 52.1 | 64.8 | 63.2 | 59.9 |
| November | 62.3 | W | 53.0 | 60.0 | W | 51.9 | 61.2 | 52.0 | 52.5 | 62.8 | NA | 60.7 |
| December | 62.9 | W | 46.9 | 59.4 | W | 49.2 | 61.3 | 51.3 | 47.5 | 64.5 | NA | 58.7 |
| **1988 Average** | **59.9** | **53.5** | **52.4** | **57.7** | **54.1** | **51.3** | **58.7** | **53.9** | **52.0** | **62.6** | **60.8** | **61.3** |
| **Mississippi** | | | | | | | | | | | | |
| January | 56.7 | W | 47.0 | 57.6 | W | 46.0 | 57.2 | W | 46.7 | 62.5 | 62.0 | 55.8 |
| February | 54.6 | W | 48.9 | 56.0 | W | 46.8 | 55.5 | 49.8 | 48.3 | 62.1 | 61.2 | 58.2 |
| March | 52.2 | W | 48.9 | 53.6 | W | 47.6 | 53.1 | 50.0 | 48.6 | 63.8 | 62.9 | 59.1 |
| April | 58.5 | W | 55.1 | 57.9 | W | 51.0 | 58.1 | 56.1 | 53.7 | 66.5 | 65.5 | 60.3 |
| May | 60.9 | W | 56.0 | 59.8 | W | 52.6 | 60.2 | 56.4 | 54.9 | 65.1 | 67.6 | 62.2 |
| June | 59.3 | W | 55.0 | 58.9 | W | 53.0 | 59.0 | W | 54.4 | 65.3 | 66.1 | 61.9 |
| July | 61.8 | W | 59.5 | 60.9 | W | 57.1 | 61.2 | 61.6 | 58.9 | 67.5 | 71.6 | 66.4 |
| August | 66.9 | W | 56.0 | 65.4 | W | 53.9 | 65.9 | 56.3 | 55.4 | 68.8 | 68.1 | 62.2 |
| September | 63.9 | W | 51.1 | 62.8 | W | 48.9 | 63.2 | 51.7 | 50.4 | 68.7 | 66.9 | 60.0 |
| October | 60.5 | 55.0 | 51.9 | 60.5 | W | 50.6 | 60.5 | 53.8 | 51.5 | 66.4 | 66.0 | 62.8 |
| November | 60.3 | 56.0 | 53.9 | 60.7 | W | 52.9 | 60.4 | 55.3 | 53.6 | 66.4 | 69.9 | 63.3 |
| December | 58.7 | W | 49.7 | 59.0 | W | 48.6 | 58.8 | W | 49.3 | 66.2 | 68.1 | 61.6 |
| **1988 Average** | **59.3** | **54.1** | **52.7** | **59.2** | W | **50.7** | **59.2** | **48.0** | **52.1** | **65.8** | **66.5** | **60.9** |

See footnotes at end of table.

# Table 30. Refiner/Reseller Leaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **New Mexico** | | | | | | | | | | | | |
| January | 66.7 | W | 54.1 | 66.0 | W | 52.3 | 66.4 | 55.3 | 53.1 | 70.0 | 65.9 | 62.1 |
| February | 62.6 | W | 53.3 | 62.2 | W | 51.7 | 62.4 | 55.5 | 52.5 | 67.5 | 64.7 | 60.3 |
| March | 60.2 | W | 54.4 | 59.4 | W | 53.0 | 59.8 | 55.4 | 53.6 | 66.9 | 67.2 | 59.0 |
| April | 62.1 | W | 57.5 | 60.7 | W | 56.5 | 61.5 | W | 57.0 | 68.3 | 68.1 | 62.7 |
| May | 64.6 | W | 59.3 | 63.8 | W | 57.8 | 64.2 | W | 58.5 | 70.0 | 68.6 | 64.0 |
| June | 64.9 | W | 60.1 | 63.8 | W | 58.5 | 64.4 | 60.8 | 59.3 | 70.8 | 68.7 | 65.6 |
| July | 66.6 | W | 61.5 | 65.1 | W | 60.5 | 65.9 | 64.2 | 60.9 | 71.7 | 71.2 | 65.4 |
| August | 70.0 | W | 62.6 | 70.2 | W | 62.0 | 70.1 | 64.1 | 62.3 | 73.1 | 71.5 | 66.2 |
| September | 70.1 | W | 61.9 | 69.7 | W | 60.6 | 69.9 | 62.8 | 61.2 | 73.3 | 73.4 | 70.3 |
| October | 70.2 | W | 56.2 | 66.4 | W | 55.0 | 68.4 | 60.6 | 55.5 | 72.3 | 72.4 | 70.5 |
| November | 66.9 | W | 55.8 | 63.6 | W | 54.9 | 65.3 | W | 55.3 | 71.7 | 70.1 | 68.3 |
| December | 66.8 | W | 55.5 | 61.3 | W | 55.0 | 64.2 | 59.1 | 55.2 | 70.1 | 69.6 | 67.6 |
| **1988 Average** | **65.8** | **61.3** | **57.8** | **64.3** | W | **56.6** | **65.1** | **59.3** | **57.1** | **70.4** | **69.2** | **64.8** |
| **Texas** | | | | | | | | | | | | |
| January | 60.8 | 48.0 | 48.0 | 58.9 | W | 47.2 | 60.0 | 47.2 | 47.7 | 59.8 | 56.3 | 53.7 |
| February | 59.1 | 49.5 | 49.3 | 56.6 | 46.4 | 47.9 | 58.1 | 47.2 | 48.7 | 59.0 | 56.2 | 54.5 |
| March | 58.1 | 50.7 | 50.2 | 55.6 | 46.8 | 48.2 | 57.2 | 48.3 | 49.3 | 58.2 | 58.0 | 55.1 |
| April | 60.7 | 53.1 | 54.6 | 57.5 | W | 53.2 | 59.4 | 53.1 | 54.0 | 62.6 | 61.1 | 58.6 |
| May | 61.3 | 55.8 | 56.0 | 59.9 | W | 54.4 | 60.8 | 55.7 | 55.3 | 63.6 | 63.0 | 59.4 |
| June | 61.9 | 55.6 | 55.8 | 60.0 | W | 54.0 | 61.1 | 55.5 | 55.0 | 63.2 | 64.4 | 59.8 |
| July | 64.3 | 58.3 | 59.3 | 61.7 | 56.4 | 57.3 | 63.2 | 57.7 | 58.6 | 66.5 | 66.3 | 62.1 |
| August | 67.0 | 60.2 | 57.8 | 65.5 | W | 55.5 | 66.4 | 59.0 | 57.0 | 67.0 | 66.3 | 60.7 |
| September | 65.8 | 55.5 | 54.1 | 63.7 | W | 51.3 | 64.9 | 54.7 | 52.9 | 67.2 | 63.9 | 55.7 |
| October | 63.1 | 55.1 | 53.4 | 61.2 | W | 51.3 | 62.3 | 54.1 | 52.6 | 65.6 | 64.8 | 57.0 |
| November | 61.9 | 57.4 | 54.9 | 60.3 | 53.3 | 52.4 | 61.2 | 54.0 | 53.8 | 63.6 | 64.0 | 57.0 |
| December | 61.1 | 51.6 | 50.7 | 59.3 | W | 47.7 | 60.3 | 50.6 | 49.3 | 62.1 | 61.3 | 52.6 |
| **1988 Average** | **61.9** | **53.5** | **53.6** | **59.8** | **50.2** | **51.5** | **61.0** | **51.7** | **52.8** | **62.9** | **61.6** | **57.3** |
| **PAD District IV Average** | | | | | | | | | | | | |
| January | 62.7 | 55.1 | 52.7 | 58.0 | W | 50.9 | 60.7 | 54.0 | 51.8 | 66.7 | 67.4 | 60.1 |
| February | 60.3 | 51.6 | 50.8 | 56.1 | W | 49.8 | 58.5 | 50.9 | 50.3 | 63.9 | 65.5 | 58.5 |
| March | 59.0 | 50.8 | 51.0 | 55.5 | W | 50.5 | 57.5 | 50.4 | 50.8 | 62.4 | 65.2 | 57.8 |
| April | 62.0 | 55.5 | 55.7 | 60.8 | W | 55.8 | 61.5 | 54.9 | 55.7 | 65.8 | 67.2 | 59.6 |
| May | 65.5 | 57.6 | 58.3 | 65.5 | W | 56.8 | 65.5 | 57.3 | 57.6 | 67.2 | 68.1 | 62.4 |
| June | 65.6 | 56.7 | 58.0 | 64.0 | W | 56.8 | 64.9 | 56.9 | 57.4 | 67.7 | 69.3 | 62.4 |
| July | 64.9 | 58.5 | 59.9 | 63.3 | W | 59.4 | 64.2 | 58.6 | 59.7 | 69.4 | 71.9 | 65.4 |
| August | 67.8 | 63.1 | 63.6 | 66.0 | W | 62.5 | 67.0 | 64.0 | 63.1 | 71.6 | 73.6 | 67.6 |
| September | 66.5 | 61.1 | 62.5 | 63.3 | W | 60.9 | 65.2 | 62.3 | 61.7 | 71.1 | 72.4 | 65.2 |
| October | 64.9 | 57.7 | 59.1 | 62.4 | W | 57.6 | 63.9 | 58.6 | 58.4 | 69.0 | 70.5 | 62.7 |
| November | 60.6 | 57.2 | 53.9 | 59.7 | W | 51.9 | 60.2 | 56.4 | 52.9 | 66.8 | 68.0 | 59.5 |
| December | 57.0 | 49.0 | 50.7 | 56.0 | W | 49.1 | 56.6 | 50.0 | 49.9 | 63.9 | 66.3 | 57.3 |
| **1988 Average** | **63.2** | **56.5** | **56.8** | **61.0** | **55.7** | **55.6** | **62.3** | **56.1** | **56.2** | **67.4** | **69.0** | **62.0** |
| **Colorado** | | | | | | | | | | | | |
| January | 58.4 | 53.2 | 52.0 | 56.9 | W | 49.9 | 57.5 | 52.3 | 51.0 | 62.5 | 69.4 | 58.5 |
| February | 56.6 | 51.0 | 51.9 | 55.1 | W | 50.2 | 55.7 | 50.6 | 51.1 | 60.8 | 68.0 | 57.9 |
| March | 56.7 | 50.7 | 51.8 | 54.7 | W | 50.4 | 55.6 | 50.3 | 51.1 | 59.8 | 68.2 | 58.0 |
| April | 62.7 | 56.1 | 57.1 | 60.6 | W | 56.2 | 61.5 | 56.0 | 56.7 | 64.9 | 68.6 | 61.1 |
| May | 66.2 | W | 58.6 | 65.6 | - | 56.2 | 65.9 | 57.0 | 57.3 | 65.7 | 69.2 | 64.9 |
| June | 64.2 | 54.7 | 56.9 | 63.6 | - | 55.2 | 63.8 | 54.7 | 56.1 | 64.9 | 69.8 | 63.5 |
| July | 63.3 | 57.5 | 60.1 | 62.8 | - | 59.7 | 63.0 | 57.5 | 59.9 | 67.3 | 73.7 | 66.8 |
| August | 65.6 | 61.9 | 62.1 | 65.3 | W | 60.4 | 65.4 | 61.6 | 61.2 | 68.9 | 74.2 | 69.2 |
| September | 62.5 | 58.0 | 59.5 | 62.2 | W | 58.2 | 62.4 | 58.0 | 58.9 | 66.6 | 72.1 | 63.7 |
| October | 61.9 | 56.7 | 58.2 | 61.6 | W | 56.7 | 61.8 | 56.7 | 57.4 | 65.2 | 70.8 | 61.1 |
| November | 58.6 | W | 52.8 | 59.0 | - | 50.2 | 58.8 | W | 51.5 | 65.5 | 67.8 | 57.5 |
| December | 55.1 | W | 49.7 | 55.4 | - | 48.2 | 55.3 | W | 49.0 | 60.9 | 68.5 | 54.7 |
| **1988 Average** | **61.1** | **55.5** | **56.1** | **60.3** | W | **54.8** | **60.7** | **55.3** | **55.5** | **64.6** | **70.1** | **62.3** |

See footnotes at end of table.

# Table 30. Refiner/Reseller Leaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Idaho** | | | | | | | | | | | | |
| January | W | W | 55.1 | W | - | 53.8 | 70.8 | W | 54.5 | 72.0 | 64.8 | 61.0 |
| February | W | 53.3 | 51.5 | 64.5 | - | 51.3 | 66.0 | 53.3 | 51.4 | 67.7 | 61.8 | 58.1 |
| March | W | 51.1 | 50.8 | 63.1 | - | 51.8 | 63.4 | 51.1 | 51.2 | 64.2 | 60.9 | 57.7 |
| April | W | W | 54.9 | 62.9 | - | 55.5 | 64.2 | W | 55.1 | 67.3 | 65.2 | 59.8 |
| May | W | 58.8 | 58.5 | 65.7 | - | 58.2 | 66.9 | 58.8 | 58.4 | 69.6 | 67.9 | 63.4 |
| June | W | 61.1 | 59.3 | W | - | 59.0 | 68.7 | 61.1 | 59.2 | 70.5 | 68.8 | 63.5 |
| July | W | W | 59.8 | 68.0 | - | 59.9 | 68.8 | W | 59.8 | 70.6 | 69.8 | 65.1 |
| August | W | W | 63.8 | 70.9 | - | 64.0 | 71.0 | W | 63.9 | 74.1 | 72.6 | 69.2 |
| September | W | W | 63.6 | 71.8 | - | 62.6 | 73.1 | W | 63.2 | 74.3 | 70.8 | 64.4 |
| October | W | 63.5 | 58.9 | 71.5 | - | 58.0 | 71.3 | 63.5 | 58.6 | 70.5 | 68.8 | 61.9 |
| November | W | W | 54.6 | W | - | 53.1 | 67.3 | W | 53.9 | 66.6 | 67.1 | 60.1 |
| December | W | 53.5 | 51.1 | 63.6 | - | 49.8 | 62.4 | 53.5 | 50.5 | 65.3 | 65.2 | 58.3 |
| **1988 Average** | W | **58.2** | **57.3** | **67.2** | - | **56.8** | **67.8** | **58.2** | **57.1** | **69.4** | **67.4** | **62.1** |
| **Montana** | | | | | | | | | | | | |
| January | W | - | 49.3 | W | W | 49.1 | 68.0 | W | 49.2 | 69.4 | 68.6 | 59.4 |
| February | W | W | 48.2 | W | - | 48.4 | 64.1 | W | 48.3 | 65.3 | 64.5 | 55.6 |
| March | W | - | 50.2 | W | W | 50.5 | 61.4 | W | 50.3 | 65.2 | 65.9 | 56.8 |
| April | W | W | 55.9 | W | - | 56.9 | 62.9 | W | 56.3 | 68.1 | 68.8 | 57.1 |
| May | W | W | 58.6 | W | W | 58.2 | W | W | 58.4 | 70.4 | 68.6 | 61.2 |
| June | W | W | 58.5 | W | W | 58.5 | W | W | 58.5 | 71.0 | 71.2 | 63.5 |
| July | W | W | 60.9 | W | W | 61.1 | W | W | 61.0 | 72.6 | 73.4 | 65.3 |
| August | W | W | 64.3 | W | W | 64.0 | 72.6 | 63.8 | 64.2 | 75.3 | 74.8 | 64.4 |
| September | W | W | 64.1 | W | W | 63.0 | W | W | 63.6 | 75.3 | 74.7 | 67.6 |
| October | W | W | 60.7 | W | - | 59.6 | W | W | 60.2 | 73.4 | 70.9 | 66.2 |
| November | W | W | 53.7 | W | - | 53.1 | W | W | 53.4 | 70.6 | 69.8 | 61.0 |
| December | W | 51.0 | 50.7 | W | W | 49.9 | W | 50.2 | 50.3 | 67.5 | 66.5 | 58.7 |
| **1988 Average** | W | **58.2** | **56.8** | **68.1** | W | **56.7** | **67.0** | **57.7** | **56.7** | **70.6** | **70.1** | **61.5** |
| **Utah** | | | | | | | | | | | | |
| January | 66.9 | 53.5 | 55.4 | W | W | 52.0 | 66.8 | 53.8 | 53.6 | 70.7 | 71.0 | 61.8 |
| February | 64.1 | 50.8 | 50.8 | W | W | 49.5 | 64.0 | 50.6 | 50.1 | 67.3 | 71.1 | 62.7 |
| March | 61.1 | 50.2 | 50.8 | W | W | 49.9 | 61.0 | 50.3 | 50.4 | 64.1 | 68.6 | 59.3 |
| April | 60.5 | 53.7 | 54.0 | W | W | 54.7 | 60.4 | 53.9 | 54.3 | 63.4 | 64.3 | 60.3 |
| May | 63.9 | 58.5 | 57.4 | W | W | 55.8 | 63.8 | 57.2 | 56.6 | 65.5 | 64.4 | 60.5 |
| June | 66.7 | W | 57.5 | W | W | 56.0 | 66.7 | 57.6 | 56.8 | 66.7 | 64.4 | 60.4 |
| July | 65.5 | W | 58.4 | W | W | 56.6 | 65.4 | 58.4 | 57.6 | 68.3 | 67.2 | 64.6 |
| August | 69.8 | W | 64.2 | W | W | 62.9 | 69.7 | 65.4 | 63.6 | 71.0 | 69.1 | 66.5 |
| September | 71.2 | W | 63.6 | W | W | 61.5 | 71.1 | 64.4 | 62.6 | 71.6 | 71.2 | 64.4 |
| October | 67.5 | W | 58.4 | W | W | 56.5 | 67.4 | 59.3 | 57.4 | 69.3 | 70.9 | 61.1 |
| November | 61.8 | W | 54.2 | W | W | 52.7 | 61.7 | 57.3 | 53.4 | 64.3 | 65.6 | 58.0 |
| December | 58.1 | W | 51.3 | W | W | 48.9 | 58.0 | 51.5 | 50.0 | 62.7 | 65.2 | 55.4 |
| **1988 Average** | **64.8** | **56.3** | **56.8** | **64.1** | **56.0** | **54.9** | **64.7** | **56.1** | **55.9** | **67.2** | **67.2** | **61.9** |
| **Wyoming** | | | | | | | | | | | | |
| January | W | W | 52.3 | 67.4 | W | 49.7 | 67.6 | 51.8 | 50.9 | 66.2 | 62.2 | 57.3 |
| February | W | 55.9 | 51.0 | 63.0 | W | 48.9 | 64.0 | 50.9 | 49.8 | 63.5 | 62.7 | 54.6 |
| March | W | W | 51.6 | 61.4 | W | 50.0 | 62.1 | 49.9 | 50.8 | 63.3 | 64.2 | 54.9 |
| April | W | 56.5 | 56.2 | 64.1 | W | 55.3 | 63.9 | 55.3 | 55.7 | 66.5 | 66.6 | 59.1 |
| May | W | 57.9 | 58.8 | 65.4 | W | 57.5 | 65.8 | 57.5 | 58.1 | 67.5 | 68.5 | 61.3 |
| June | W | 57.5 | 58.8 | W | W | 57.4 | 67.9 | 57.4 | 58.1 | 70.2 | 69.8 | 61.0 |
| July | W | W | 61.3 | W | W | 61.0 | 68.4 | 60.6 | 61.1 | 71.9 | 72.7 | 64.1 |
| August | W | 63.7 | 65.3 | W | W | 64.0 | 70.1 | 64.3 | 64.6 | 74.0 | 74.4 | 68.5 |
| September | W | 63.1 | 64.4 | 69.6 | W | 62.5 | 70.8 | 63.5 | 63.4 | 75.5 | 73.4 | 68.5 |
| October | W | W | 61.3 | W | W | 59.0 | 69.6 | 58.9 | 60.0 | 73.9 | 72.0 | 65.7 |
| November | W | W | 56.5 | 66.3 | W | 52.3 | 67.2 | 56.1 | 53.9 | 72.7 | 68.3 | 63.0 |
| December | W | W | 52.9 | 63.0 | W | 50.0 | 64.5 | 50.6 | 51.1 | 69.5 | 66.5 | 59.3 |
| **1988 Average** | W | **58.0** | **58.1** | **66.2** | W | **56.1** | **67.0** | **56.4** | **57.0** | **69.6** | **69.4** | **62.4** |

See footnotes at end of table.

# Table 30. Refiner/Reseller Leaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **PAD District V Average** | | | | | | | | | | | | |
| January | 62.0 | 49.2 | 53.9 | 59.6 | 47.4 | 49.3 | 61.3 | 48.4 | 53.2 | 64.5 | 62.8 | 56.6 |
| February | 59.7 | 54.3 | 52.4 | 56.3 | 48.1 | 50.0 | 58.8 | 50.3 | 52.0 | 62.8 | 62.2 | 55.9 |
| March | 59.3 | 55.4 | 53.0 | 57.1 | 50.1 | 52.1 | 58.7 | 52.0 | 52.9 | 62.9 | 63.5 | 57.1 |
| April | 63.4 | 61.5 | 58.2 | 62.7 | 59.3 | 59.0 | 63.2 | 60.0 | 58.3 | 66.1 | 67.0 | 62.2 |
| May | 65.7 | 62.1 | 59.4 | 64.6 | 57.6 | 58.0 | 65.4 | 59.5 | 59.2 | 67.4 | 67.8 | 62.3 |
| June | 66.6 | 63.2 | 60.0 | 65.7 | 56.9 | 57.6 | 66.4 | 59.6 | 59.6 | 67.1 | 68.3 | 63.0 |
| July | 66.7 | 64.6 | 60.6 | 65.7 | 58.9 | 59.7 | 66.4 | 60.5 | 60.4 | 67.2 | 69.7 | 64.1 |
| August | 66.9 | 64.7 | 61.3 | 66.0 | 62.4 | 61.3 | 66.7 | 63.1 | 61.3 | 67.8 | 70.7 | 65.4 |
| September | 67.0 | 64.3 | 60.7 | 67.3 | 57.0 | 57.5 | 67.1 | 59.0 | 60.2 | 68.0 | 70.7 | 63.2 |
| October | 65.0 | 58.8 | 56.3 | 65.4 | 48.5 | 50.4 | 65.1 | 50.8 | 55.3 | 65.8 | 66.8 | 58.6 |
| November | 61.5 | 55.1 | 53.3 | 60.7 | 47.3 | 48.1 | 61.3 | 49.0 | 52.4 | 63.5 | 63.7 | 56.0 |
| December | 59.5 | 51.7 | 51.3 | 58.2 | 46.2 | 47.2 | 59.2 | 47.5 | 50.6 | 61.8 | 63.0 | 54.4 |
| **1988 Average** | **63.6** | **57.7** | **56.8** | **62.4** | **53.1** | **54.4** | **63.3** | **54.6** | **56.4** | **65.5** | **66.5** | **59.8** |
| **Alaska** | | | | | | | | | | | | |
| January | W | W | 68.3 | W | W | W | 81.2 | 70.0 | 67.8 | 124.9 | 91.2 | 79.2 |
| February | W | W | 66.0 | 81.8 | W | W | 80.6 | 70.7 | 67.2 | 102.5 | 92.8 | 78.4 |
| March | W | W | 67.8 | 83.4 | W | W | 81.2 | W | 68.8 | 120.4 | 100.4 | 78.2 |
| April | W | W | 67.1 | 80.9 | W | W | 80.0 | W | 68.6 | 124.6 | 98.4 | 79.4 |
| May | W | W | 66.7 | 82.6 | W | W | 81.5 | 74.2 | 68.2 | 116.4 | 107.9 | 79.5 |
| June | W | W | 69.0 | 86.2 | W | W | 85.2 | W | 69.4 | 90.6 | 92.8 | 83.6 |
| July | W | W | 69.5 | 87.4 | W | W | 86.2 | 77.9 | 68.4 | 105.0 | 91.3 | 81.6 |
| August | W | W | 67.5 | 86.3 | W | W | 84.7 | 77.8 | 68.1 | 93.8 | 89.2 | 85.1 |
| September | W | W | 73.3 | 86.8 | W | W | 86.1 | 75.5 | 68.3 | 100.0 | 99.2 | 89.1 |
| October | W | W | 68.4 | W | W | W | 86.7 | 76.1 | 68.9 | 101.3 | 98.8 | 88.9 |
| November | W | W | 71.8 | 85.1 | W | W | 83.5 | 72.2 | 70.2 | 103.6 | 94.5 | 83.4 |
| December | W | W | 69.8 | 82.8 | W | W | 82.1 | 67.3 | 69.8 | 99.0 | 94.7 | 84.4 |
| **1988 Average** | W | W | **68.6** | **84.8** | W | W | **83.9** | **74.2** | **68.6** | **107.5** | **96.1** | **84.4** |
| **Arizona** | | | | | | | | | | | | |
| January | 60.8 | 55.5 | 54.2 | W | - | 54.3 | 60.7 | 55.5 | 54.2 | 63.8 | 65.0 | 60.2 |
| February | 58.2 | 53.1 | 51.7 | W | - | 53.0 | 58.0 | 53.1 | 51.9 | 62.8 | 62.8 | 59.6 |
| March | 57.2 | 52.9 | 51.4 | W | - | 54.1 | 56.9 | 52.9 | 51.8 | 61.2 | 66.6 | 60.1 |
| April | 60.9 | 58.2 | 55.5 | W | - | 59.1 | 60.6 | 58.2 | 56.1 | 64.9 | 66.3 | 64.6 |
| May | 61.4 | 57.1 | 55.9 | W | - | 59.1 | 61.1 | 57.1 | 56.4 | 65.5 | 69.7 | 65.4 |
| June | 61.8 | 59.3 | 57.1 | W | - | 59.8 | 61.8 | 59.3 | 57.6 | 65.5 | 71.4 | 67.5 |
| July | 62.1 | 60.1 | 56.7 | W | W | 59.6 | 62.1 | 60.1 | 57.2 | 66.0 | 68.0 | 66.6 |
| August | 60.7 | 58.9 | 56.6 | W | W | 60.8 | 60.9 | 58.9 | 57.3 | 64.5 | 70.2 | 67.5 |
| September | 60.8 | 61.2 | 57.0 | 66.6 | W | 60.8 | 61.1 | 61.1 | 57.6 | 66.4 | 68.1 | 61.2 |
| October | 59.7 | 59.4 | 53.7 | W | - | 55.9 | 59.9 | 59.4 | 54.1 | 64.9 | 64.5 | 58.9 |
| November | 58.6 | 57.8 | 51.6 | W | W | 52.5 | 58.5 | 57.2 | 51.8 | 63.1 | 64.0 | 58.1 |
| December | 57.3 | 53.2 | 50.6 | 55.5 | - | 52.5 | 57.2 | 53.2 | 51.0 | 61.9 | 63.4 | 56.9 |
| **1988 Average** | **59.9** | **56.9** | **54.4** | **58.9** | W | **56.7** | **59.8** | **56.9** | **54.8** | **64.2** | **66.2** | **62.4** |
| **California** | | | | | | | | | | | | |
| January | 62.2 | 47.5 | 53.3 | 54.3 | W | 46.1 | 59.6 | 47.3 | 52.1 | 63.3 | 60.8 | 54.0 |
| February | 60.0 | 53.9 | 52.0 | 52.3 | 47.8 | 47.7 | 57.6 | 49.4 | 51.4 | 62.3 | 60.5 | 53.7 |
| March | 60.0 | 55.3 | 53.5 | 53.6 | W | 50.4 | 58.2 | 51.2 | 53.0 | 62.9 | 62.0 | 56.1 |
| April | 65.9 | 64.2 | 60.5 | 61.5 | 59.4 | 60.4 | 64.6 | 60.5 | 60.5 | 68.0 | 68.5 | 64.2 |
| May | 68.7 | 64.6 | 61.7 | 63.6 | W | 57.4 | 67.2 | 59.6 | 60.9 | 69.7 | 68.5 | 62.5 |
| June | 69.7 | 64.9 | 62.2 | 65.0 | 56.6 | 56.2 | 68.5 | 59.1 | 61.0 | 69.4 | 68.9 | 63.0 |
| July | 69.7 | 65.7 | 63.0 | 65.2 | W | 58.7 | 68.4 | 60.1 | 62.2 | 69.6 | 70.5 | 64.3 |
| August | 70.0 | 66.4 | 63.8 | 65.0 | W | 61.0 | 68.6 | 63.3 | 63.3 | 70.2 | 71.7 | 66.0 |
| September | 69.9 | 64.6 | 62.3 | 65.9 | 56.5 | 55.6 | 68.8 | 58.1 | 61.2 | 69.6 | 71.6 | 62.2 |
| October | 67.2 | 55.9 | 56.6 | 62.5 | W | 45.9 | 65.9 | 48.9 | 54.6 | 65.9 | 66.8 | 56.2 |
| November | 61.9 | 52.6 | 53.1 | 57.7 | W | 43.9 | 60.7 | 47.5 | 51.6 | 61.9 | 63.1 | 54.3 |
| December | 59.6 | 49.4 | 50.5 | 54.8 | W | 43.8 | 58.3 | 46.2 | 49.4 | 59.3 | 63.4 | 52.4 |
| **1988 Average** | **65.4** | **56.7** | **57.7** | **59.8** | **52.8** | **52.4** | **63.8** | **53.8** | **56.8** | **66.2** | **66.4** | **58.5** |

See footnotes at end of table.

# Table 30. Refiner/Reseller Leaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Hawaii** | | | | | | | | | | | | |
| January | W | W | 69.8 | W | W | W | W | 58.3 | 69.7 | 82.3 | 79.7 | 76.1 |
| February | W | W | 71.4 | W | W | W | W | 58.6 | 71.3 | 80.7 | 81.1 | 77.7 |
| March | W | W | 70.6 | W | W | W | W | 58.9 | 70.6 | 79.8 | 78.6 | 76.2 |
| April | W | W | 74.1 | W | W | W | W | 61.6 | 74.1 | 82.9 | 83.6 | 79.7 |
| May | W | W | 76.9 | W | W | W | 80.7 | 65.1 | 76.9 | 84.8 | 84.4 | 82.3 |
| June | W | W | 78.7 | W | W | W | W | 65.5 | 78.6 | 85.1 | 85.2 | 82.8 |
| July | W | W | 79.5 | W | W | W | W | 67.5 | 79.4 | 85.5 | 85.0 | 82.0 |
| August | W | 77.4 | 79.5 | W | W | W | W | 68.6 | 79.2 | 82.7 | 87.1 | 86.8 |
| September | W | 79.6 | 79.3 | W | W | W | W | 68.6 | 78.9 | 85.2 | 86.9 | 80.7 |
| October | W | W | 79.5 | W | W | W | 81.6 | 68.8 | 79.4 | 86.1 | 83.6 | 81.8 |
| November | W | W | 75.9 | W | W | W | W | W | 75.8 | 84.2 | 81.3 | 80.1 |
| December | W | 72.9 | 73.3 | W | W | W | W | 59.4 | 73.3 | 82.6 | 79.3 | 78.6 |
| **1988 Average** | W | **67.1** | **75.6** | W | W | W | W | **63.3** | **75.5** | **83.4** | **82.8** | **80.3** |
| **Nevada** | | | | | | | | | | | | |
| January | 54.8 | W | 50.2 | W | W | 49.4 | 55.5 | 51.4 | 50.0 | 54.8 | 59.9 | 60.6 |
| February | 55.0 | W | 48.7 | W | W | 49.1 | 55.3 | 49.1 | 48.8 | 56.1 | 58.4 | 57.5 |
| March | 55.8 | W | 49.9 | W | W | 51.3 | 55.9 | 51.7 | 50.1 | 56.5 | 61.0 | 57.6 |
| April | W | W | 55.9 | W | W | 59.7 | 60.1 | 59.4 | 56.4 | 60.6 | 62.9 | 63.6 |
| May | 63.9 | W | 57.3 | W | W | 59.2 | 63.8 | 59.1 | 57.6 | 63.3 | 63.1 | 63.9 |
| June | 65.0 | W | 58.8 | W | W | 58.1 | 64.9 | 61.0 | 58.7 | 64.7 | 62.9 | 64.7 |
| July | 66.4 | W | 60.2 | W | W | 60.8 | 66.1 | 60.4 | 60.3 | 66.8 | 66.0 | 65.8 |
| August | 67.2 | W | 61.6 | W | W | 64.4 | 67.0 | 62.4 | 61.9 | 66.6 | 67.5 | 67.7 |
| September | 66.9 | W | 60.6 | W | W | 58.1 | 66.7 | 58.8 | 60.2 | 69.0 | 65.4 | 58.3 |
| October | 64.0 | W | 54.1 | W | W | 52.0 | 63.5 | 51.1 | 53.8 | 66.8 | 62.6 | 53.1 |
| November | 61.5 | W | 51.1 | W | W | 49.9 | 60.7 | 49.5 | 51.0 | 63.8 | 60.0 | 53.7 |
| December | 59.0 | W | 48.8 | W | 47.4 | 47.4 | 58.4 | 47.8 | 48.6 | 61.8 | 58.9 | 50.2 |
| **1988 Average** | **61.5** | W | **55.1** | W | W | **54.9** | **61.4** | **55.2** | **55.0** | **62.7** | **62.6** | **58.1** |
| **Oregon** | | | | | | | | | | | | |
| January | 68.9 | 59.5 | 57.2 | W | W | 54.8 | 68.0 | 59.0 | 56.8 | 64.2 | 66.3 | 58.6 |
| February | 66.4 | 57.8 | 54.8 | W | W | 53.0 | 65.6 | 57.6 | 54.5 | 61.8 | 66.2 | 57.5 |
| March | 64.7 | 57.5 | 54.3 | W | W | 53.8 | 63.9 | 57.4 | 54.2 | 61.8 | 65.3 | 56.7 |
| April | 65.3 | 59.0 | 56.4 | W | W | 55.5 | 64.1 | 59.1 | 56.2 | 63.2 | 66.3 | 58.8 |
| May | 67.0 | 60.9 | 58.0 | W | W | 57.7 | 65.7 | 60.9 | 58.0 | 64.7 | 67.8 | 61.7 |
| June | 68.0 | 61.0 | 58.3 | W | W | 58.0 | 67.3 | 61.1 | 58.3 | 65.1 | 68.8 | 61.8 |
| July | 67.9 | 61.8 | 59.0 | W | W | 59.0 | 67.0 | 62.2 | 59.0 | 65.0 | 70.3 | 62.4 |
| August | 68.0 | 62.2 | 59.7 | W | W | 60.1 | 67.1 | 62.3 | 59.8 | 66.2 | 69.9 | 63.1 |
| September | 69.2 | 64.3 | 60.7 | W | W | 59.6 | 68.2 | 64.0 | 60.5 | 67.1 | 69.3 | 64.2 |
| October | 68.7 | 64.1 | 57.8 | W | W | 56.7 | 67.8 | 61.5 | 57.6 | 65.7 | 66.0 | 61.0 |
| November | 68.2 | 61.7 | 55.6 | W | W | 52.5 | 67.2 | 59.2 | 55.1 | 64.9 | 64.4 | 57.7 |
| December | 66.1 | 62.2 | 54.8 | W | W | 50.9 | 65.5 | 58.9 | 54.2 | 64.0 | 62.2 | 56.4 |
| **1988 Average** | **67.3** | **60.7** | **57.4** | W | W | **56.1** | **66.5** | **60.3** | **57.2** | **64.6** | **67.1** | **60.3** |
| **Washington** | | | | | | | | | | | | |
| January | 62.7 | 54.3 | 53.4 | W | W | 51.6 | 63.7 | 53.5 | 53.2 | 65.6 | 64.0 | 58.0 |
| February | 59.6 | 53.4 | 51.6 | W | W | 50.3 | 60.7 | 52.8 | 51.4 | 64.5 | 63.0 | 56.1 |
| March | 58.3 | 52.6 | 50.8 | W | 50.0 | 51.1 | 59.5 | 51.9 | 50.9 | 64.4 | 63.6 | 56.8 |
| April | 58.9 | 53.8 | 52.6 | W | 52.0 | 53.8 | 60.4 | 53.4 | 52.8 | 64.7 | 65.0 | 57.8 |
| May | 60.8 | 55.2 | 54.6 | W | W | 55.9 | 62.2 | 55.1 | 54.8 | 65.5 | 65.4 | 58.3 |
| June | 61.3 | 58.1 | 55.0 | W | W | 56.8 | 61.7 | 57.3 | 55.3 | 65.6 | 65.7 | 59.9 |
| July | 61.5 | 59.6 | 55.9 | W | W | 58.4 | 62.0 | 57.9 | 56.3 | 64.6 | 67.8 | 60.9 |
| August | 62.0 | 60.5 | 56.7 | W | W | 59.3 | 63.1 | 59.2 | 57.0 | 66.4 | 68.3 | 62.1 |
| September | 62.6 | 60.7 | 56.6 | W | W | 58.9 | 63.6 | 59.5 | 56.9 | 65.7 | 67.5 | 62.8 |
| October | 61.9 | 59.5 | 54.9 | W | W | 55.9 | 63.3 | 57.4 | 55.1 | 64.7 | 65.8 | 60.7 |
| November | 60.4 | 55.5 | 52.0 | W | W | 51.3 | 61.7 | 53.4 | 51.9 | 63.3 | 63.3 | 58.1 |
| December | 58.8 | 53.7 | 50.2 | W | W | 49.1 | 59.9 | 51.8 | 50.1 | 61.0 | 60.9 | 56.7 |
| **1988 Average** | **60.7** | **55.9** | **53.9** | W | **53.4** | **54.6** | **61.8** | **55.1** | **54.0** | **64.7** | **65.3** | **59.3** |

Dashes (-) = No data reported.
NA = Not Available.
W = Withheld to avoid disclosure of individual company data.
Sources: Refiners and Gas Plant Operators: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report"; Resellers: Energy Information Administration Form EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

# Table 31. Refiner/Reseller Unleaded Gasoline Prices by Seller Type
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **U.S. Average** | | | | | | | | | | | | |
| January | 63.5 | 51.5 | 52.5 | 61.1 | 49.5 | 46.3 | 62.8 | 50.9 | 50.9 | 65.6 | 59.9 | 52.3 |
| February | 61.9 | 52.9 | 52.7 | 59.5 | 49.5 | 47.4 | 61.2 | 51.8 | 51.3 | 64.2 | 60.2 | 53.0 |
| March | 60.9 | 52.2 | 52.7 | 58.7 | 51.2 | 48.1 | 60.3 | 51.9 | 51.5 | 63.6 | 61.1 | 53.5 |
| April | 64.4 | 56.5 | 57.1 | 62.7 | 55.0 | 52.8 | 63.9 | 55.9 | 56.0 | 66.5 | 64.4 | 56.4 |
| May | 66.8 | 58.3 | 58.5 | 64.9 | 57.9 | 54.0 | 66.3 | 58.2 | 57.3 | 67.9 | 65.2 | 58.2 |
| June | 66.2 | 58.1 | 57.6 | 64.1 | 57.2 | 53.4 | 65.6 | 57.8 | 56.5 | 67.9 | 64.9 | 57.7 |
| July | 68.0 | 60.4 | 60.4 | 65.8 | 57.3 | 56.5 | 67.3 | 59.1 | 59.3 | 70.2 | 68.1 | 60.3 |
| August | 70.0 | 60.6 | 59.4 | 68.0 | 58.5 | 54.8 | 69.5 | 59.8 | 58.2 | 70.7 | 66.9 | 58.8 |
| September | 68.3 | 56.4 | 56.3 | 66.0 | 53.6 | 50.4 | 67.6 | 55.4 | 54.8 | 69.1 | 64.6 | 55.3 |
| October | 66.2 | 55.2 | 55.6 | 63.8 | 49.7 | 49.6 | 65.5 | 53.0 | 54.0 | 67.7 | 63.9 | 54.8 |
| November | 65.7 | 56.9 | 56.3 | 63.6 | 50.4 | 50.8 | 65.1 | 54.3 | 54.8 | 67.3 | 64.2 | 55.9 |
| December | 64.0 | 53.5 | 53.1 | 61.7 | 48.5 | 47.3 | 63.3 | 51.6 | 51.5 | 65.9 | 62.1 | 53.5 |
| **1988 Average** | **65.6** | **56.0** | **56.1** | **63.4** | **53.1** | **51.1** | **64.9** | **55.0** | **54.8** | **67.3** | **63.8** | **56.0** |
| **PAD District I Average** | | | | | | | | | | | | |
| January | 66.1 | 51.3 | 53.5 | 65.6 | 48.7 | 47.4 | 65.9 | 50.3 | 52.6 | 67.7 | 60.0 | 54.3 |
| February | 63.9 | 52.0 | 54.1 | 63.2 | 50.1 | 48.3 | 63.7 | 51.3 | 53.2 | 66.1 | 61.2 | 54.1 |
| March | 62.4 | 52.1 | 53.8 | 61.7 | 50.5 | 48.1 | 62.2 | 51.6 | 52.8 | 64.9 | 61.2 | 54.2 |
| April | 63.8 | 56.3 | 57.1 | 62.6 | 54.8 | 52.0 | 63.5 | 55.7 | 56.2 | 67.2 | 64.1 | 56.9 |
| May | 65.5 | 58.1 | 58.4 | 64.3 | 56.1 | 53.3 | 65.2 | 57.3 | 57.4 | 68.0 | 64.9 | 58.4 |
| June | 65.7 | 57.3 | 58.0 | 65.4 | 55.5 | 53.1 | 65.7 | 56.6 | 57.1 | 68.4 | 64.9 | 58.4 |
| July | 67.3 | 60.1 | 60.5 | 65.1 | 57.0 | 55.8 | 66.7 | 58.7 | 59.5 | 70.3 | 66.9 | 60.6 |
| August | 69.0 | 58.5 | 58.7 | 66.8 | 54.2 | 52.9 | 68.4 | 56.8 | 57.8 | 70.5 | 64.7 | 58.3 |
| September | 68.1 | 53.8 | 55.9 | 65.6 | 50.3 | 49.1 | 67.4 | 52.6 | 54.7 | 69.6 | 62.3 | 55.2 |
| October | 67.0 | 54.2 | 56.8 | 64.3 | 50.3 | 50.8 | 66.3 | 52.7 | 55.8 | 69.1 | 62.8 | 56.7 |
| November | 66.6 | 57.3 | 58.5 | 63.9 | 50.9 | 52.0 | 65.9 | 54.5 | 57.1 | 69.4 | 63.9 | 57.8 |
| December | 66.3 | 53.7 | 56.0 | 63.6 | 48.2 | 49.4 | 65.7 | 51.4 | 54.7 | 68.1 | 62.2 | 55.6 |
| **1988 Average** | **66.0** | **55.4** | **56.8** | **64.4** | **52.2** | **51.3** | **65.6** | **54.1** | **55.8** | **68.3** | **63.3** | **56.8** |
| **Subdistrict IA Average** | | | | | | | | | | | | |
| January | 73.4 | 61.5 | 58.5 | 72.6 | 50.3 | 48.3 | 73.3 | 58.2 | 57.6 | 73.4 | 59.3 | 55.6 |
| February | 70.9 | W | 58.9 | 69.9 | 50.8 | 49.3 | 70.9 | 58.3 | 58.1 | 72.0 | 59.8 | 55.0 |
| March | 69.2 | W | 58.0 | 70.0 | 50.0 | 48.5 | 69.2 | 57.3 | 57.0 | 70.5 | 59.7 | 55.4 |
| April | 68.8 | W | 60.2 | 69.0 | 54.4 | 50.7 | 68.8 | 59.6 | 59.0 | 71.2 | 62.4 | 56.0 |
| May | 70.6 | 63.1 | 62.5 | 69.1 | W | 52.0 | 70.5 | 60.8 | 59.9 | 72.3 | 62.6 | 59.4 |
| June | 71.5 | 63.8 | 62.1 | 69.3 | W | 54.0 | 71.3 | 60.9 | 61.2 | 72.7 | 62.5 | 58.3 |
| July | 73.1 | 65.2 | 63.6 | 70.4 | W | 58.8 | 72.9 | 57.6 | 63.1 | 74.5 | 65.8 | 61.7 |
| August | 74.3 | 64.6 | 63.0 | 71.2 | W | 53.0 | 74.1 | 61.6 | 62.3 | 75.3 | 62.8 | 58.8 |
| September | 74.0 | 61.4 | 60.7 | 71.6 | W | 48.3 | 73.8 | 58.8 | 59.4 | 74.8 | 64.7 | 54.7 |
| October | 74.4 | 60.7 | 61.2 | W | W | 52.2 | 74.3 | 58.4 | 60.8 | 74.1 | 66.5 | 58.3 |
| November | 74.2 | 63.1 | 63.0 | W | W | 48.7 | 74.0 | 61.8 | 59.4 | 74.9 | 68.8 | 58.2 |
| December | 74.5 | 61.5 | 61.9 | W | W | 49.3 | 74.4 | 59.1 | 59.9 | 74.7 | 66.7 | 55.7 |
| **1988 Average** | **72.5** | **62.3** | **61.2** | **70.7** | W | **50.8** | **72.4** | **59.1** | **59.9** | **73.3** | **63.1** | **57.3** |
| **Connecticut** | | | | | | | | | | | | |
| January | W | W | 60.2 | W | W | 53.7 | 72.6 | 55.0 | 59.7 | 73.6 | 59.5 | 53.2 |
| February | W | 57.9 | 59.5 | W | W | 53.9 | W | 55.7 | 59.0 | 71.2 | 60.6 | 56.3 |
| March | W | 57.0 | 59.0 | W | W | 52.9 | 67.5 | 54.3 | 58.5 | 70.4 | 61.2 | 55.9 |
| April | W | 59.1 | 59.6 | W | W | 49.8 | 67.7 | 57.2 | 57.3 | 71.1 | 65.5 | 58.7 |
| May | W | 61.3 | 62.8 | W | W | 59.4 | 69.1 | 58.9 | 62.6 | 72.6 | 62.2 | 60.2 |
| June | W | 61.1 | 62.6 | W | W | 58.8 | 69.4 | 58.6 | 62.4 | 73.5 | 62.4 | 60.8 |
| July | W | 63.4 | 65.0 | W | W | 61.5 | 71.7 | 61.7 | 64.8 | 76.0 | 66.5 | 63.1 |
| August | W | 62.2 | 63.6 | W | W | 57.3 | 72.5 | 59.5 | 63.2 | 76.3 | 63.6 | 58.2 |
| September | W | 59.4 | 61.3 | W | W | 55.6 | 71.7 | 56.8 | 60.9 | 77.3 | 67.4 | 60.3 |
| October | W | 59.8 | 61.8 | W | W | W | W | 57.4 | 61.3 | 76.1 | 68.5 | 59.9 |
| November | W | 63.1 | 64.5 | W | W | 53.5 | W | 62.6 | 64.0 | 76.9 | 71.8 | 63.9 |
| December | W | W | 63.0 | W | W | 49.0 | W | 58.3 | 61.2 | 76.5 | 69.9 | 61.3 |
| **1988 Average** | **80.4** | **60.3** | **62.0** | W | W | **53.1** | **76.7** | **57.8** | **61.2** | **74.5** | **64.6** | **59.3** |

See footnotes at end of table.

# Table 31. Refiner/Reseller Unleaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Maine** | | | | | | | | | | | | |
| January | W | 60.3 | 52.1 | W | W | W | W | 59.7 | 51.7 | 74.0 | 63.1 | 55.3 |
| February | W | 60.3 | 51.6 | W | W | W | W | 59.7 | 51.4 | 71.5 | 61.7 | 54.9 |
| March | W | 60.0 | 51.2 | W | W | 47.9 | W | 59.5 | 51.0 | 70.1 | 64.3 | 55.3 |
| April | W | 60.4 | 54.8 | W | W | 52.5 | W | 60.3 | 54.6 | 70.7 | 64.9 | 59.4 |
| May | W | 61.4 | 57.0 | W | W | 54.0 | W | 61.3 | 56.7 | 72.7 | 65.1 | 61.8 |
| June | W | W | 56.4 | W | W | 52.4 | W | 62.5 | 56.0 | 72.1 | 64.5 | 61.8 |
| July | W | 63.2 | 59.1 | W | W | W | W | 63.1 | 59.0 | 75.1 | 66.9 | 64.2 |
| August | W | 62.5 | 55.0 | W | W | 50.1 | W | 62.2 | 54.7 | 75.2 | 64.4 | 59.4 |
| September | W | W | 52.1 | W | W | 47.6 | W | 61.7 | 51.7 | 75.8 | 61.2 | 58.0 |
| October | W | W | 53.8 | W | W | 51.4 | W | 59.8 | 53.7 | 74.9 | 64.4 | 59.1 |
| November | W | W | 58.7 | W | W | W | W | 63.0 | 58.7 | 76.2 | 67.6 | 61.5 |
| December | W | W | 55.1 | W | W | W | W | 60.8 | 54.9 | 75.4 | 66.5 | 59.2 |
| **1988 Average** | W | **61.7** | **54.9** | W | W | W | W | **61.2** | **54.7** | **73.5** | **64.7** | **59.3** |
| **Massachusetts** | | | | | | | | | | | | |
| January | 74.2 | 62.1 | 58.9 | W | W | 46.3 | 74.2 | 58.2 | 57.5 | 73.8 | 55.2 | 55.7 |
| February | 71.8 | W | 60.7 | W | W | 47.2 | 71.8 | 58.2 | 59.4 | 72.7 | 55.2 | 54.7 |
| March | 70.3 | W | 60.2 | W | W | 47.0 | 70.4 | 57.3 | 58.3 | 70.7 | 55.3 | 54.8 |
| April | 69.9 | 62.0 | 62.1 | W | W | 52.5 | 69.9 | 59.6 | 61.6 | 71.6 | 57.6 | 54.4 |
| May | 71.6 | 63.5 | 64.3 | W | W | 51.3 | 71.6 | 61.3 | 59.1 | 72.3 | 60.9 | 58.4 |
| June | 72.4 | 64.1 | 64.4 | W | W | 53.2 | 72.4 | 60.7 | 62.6 | 72.3 | 60.4 | 56.6 |
| July | 74.1 | W | 64.2 | W | W | 58.5 | 74.1 | 56.5 | 63.4 | 73.5 | 63.0 | 60.5 |
| August | 75.1 | 64.5 | 65.7 | W | W | 52.2 | 75.1 | 61.0 | 65.0 | 75.4 | 59.4 | 58.2 |
| September | 74.7 | 61.1 | 63.5 | W | W | W | 74.7 | 58.5 | 60.9 | 73.0 | 60.1 | 50.6 |
| October | 74.3 | 60.3 | 63.7 | W | W | W | 74.3 | 58.1 | 63.3 | 73.4 | 62.4 | 56.5 |
| November | 74.7 | 62.4 | 63.0 | W | W | 48.0 | 74.7 | 60.9 | 57.0 | 73.8 | 64.3 | 56.1 |
| December | 74.3 | 60.8 | 63.4 | W | W | 49.1 | 74.3 | 58.3 | 59.9 | 74.1 | 61.0 | 52.8 |
| **1988 Average** | **73.1** | **62.3** | **62.9** | W | W | **49.9** | **73.1** | **58.4** | **60.4** | **73.0** | **59.2** | **55.7** |
| **New Hampshire** | | | | | | | | | | | | |
| January | 72.2 | 66.1 | 60.3 | W | W | W | 72.2 | 60.6 | 59.4 | 71.4 | 67.7 | 60.0 |
| February | 69.9 | W | 59.8 | W | W | W | 70.0 | 59.9 | 59.0 | 71.5 | 67.5 | 54.9 |
| March | 67.7 | W | 59.5 | W | W | W | 67.9 | 59.2 | 58.7 | 71.0 | 66.1 | 59.1 |
| April | 67.1 | 64.1 | 61.7 | W | W | W | 67.2 | 62.5 | 61.2 | 71.6 | 66.2 | 61.9 |
| May | 69.1 | W | 63.3 | W | W | W | 69.1 | 62.8 | 62.7 | 71.7 | 67.9 | 63.7 |
| June | 70.4 | 66.8 | 63.4 | W | W | W | 70.1 | 63.2 | 62.8 | 73.8 | 69.0 | 63.5 |
| July | 71.5 | 68.1 | 65.8 | W | W | W | 71.2 | 64.3 | 65.2 | 75.2 | 71.2 | 66.3 |
| August | 72.8 | 66.5 | 64.5 | W | W | W | 72.4 | 63.0 | 63.6 | 74.6 | 69.5 | 64.8 |
| September | 72.6 | 61.5 | 62.0 | W | W | W | 72.5 | 59.3 | 61.1 | 73.3 | 64.6 | 61.7 |
| October | 71.6 | 59.7 | 61.1 | W | W | W | 71.5 | 58.3 | 60.5 | 72.1 | 62.2 | 60.8 |
| November | 71.8 | 62.8 | 64.5 | W | W | W | 71.9 | 61.3 | 64.1 | 72.8 | 67.0 | 64.6 |
| December | 72.1 | 61.6 | 63.8 | W | W | W | 72.5 | 59.7 | 62.8 | 73.3 | 63.2 | 62.5 |
| **1988 Average** | **70.8** | **63.8** | **62.5** | W | W | W | **70.8** | **61.0** | **61.8** | **72.8** | **67.6** | **61.9** |
| **Rhode Island** | | | | | | | | | | | | |
| January | 75.6 | 63.3 | 58.5 | W | W | W | 75.4 | 61.3 | 57.7 | 68.7 | 54.0 | 52.4 |
| February | 74.4 | 61.7 | 57.3 | W | W | W | 74.2 | 57.5 | 56.6 | 66.5 | 54.1 | 50.8 |
| March | 71.2 | 60.0 | 54.7 | W | W | W | 71.1 | 59.1 | 54.3 | 64.3 | 53.5 | 51.1 |
| April | 71.3 | 62.0 | 59.2 | W | W | W | 71.1 | 58.2 | 58.8 | 65.3 | 57.6 | 56.0 |
| May | 73.6 | 63.8 | 60.9 | W | W | W | 73.3 | 60.3 | 60.3 | 68.1 | 59.7 | 55.6 |
| June | 74.9 | 64.3 | 59.3 | W | W | W | 74.6 | 59.1 | 58.9 | 67.4 | 58.9 | 55.4 |
| July | 77.5 | W | 62.6 | W | W | W | 77.2 | 62.8 | 62.3 | 69.3 | 63.1 | 58.6 |
| August | 79.4 | 67.4 | 62.1 | W | W | W | 79.1 | 63.4 | 61.0 | 70.0 | 55.1 | 55.2 |
| September | 77.9 | 65.7 | 58.9 | W | W | W | 77.7 | 57.2 | 58.2 | 69.0 | 59.7 | 53.2 |
| October | 76.7 | 62.9 | 59.7 | W | W | W | 76.5 | 57.2 | 59.2 | 69.0 | 60.0 | 56.4 |
| November | 77.6 | 64.6 | 62.9 | W | W | W | 77.0 | 63.1 | 62.6 | 69.7 | 63.3 | 54.6 |
| December | 77.6 | W | 61.2 | W | W | W | 77.4 | 60.1 | 60.8 | 69.3 | W | 52.0 |
| **1988 Average** | **75.9** | **63.7** | **59.8** | W | W | W | **75.6** | **59.9** | **59.2** | **68.2** | **57.5** | **54.8** |

See footnotes at end of table.

# Table 31. Refiner/Reseller Unleaded Gasoline Prices by Seller Type (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Vermont** | | | | | | | | | | | | |
| January | W | W | 59.8 | W | W | 49.7 | 75.5 | 66.7 | 59.0 | 77.5 | 70.0 | 63.4 |
| February | W | W | 60.4 | W | W | 50.3 | 72.6 | 66.3 | 59.5 | 76.0 | 69.9 | 63.1 |
| March | W | W | 59.0 | W | W | 49.7 | 74.0 | 65.6 | 58.4 | 74.6 | 69.2 | 62.3 |
| April | W | W | 60.5 | W | W | 54.6 | 73.5 | 66.5 | 60.1 | 74.6 | 70.0 | 65.1 |
| May | W | W | 61.4 | W | W | 55.5 | 72.9 | 65.8 | 60.9 | 75.6 | 70.2 | 66.3 |
| June | W | W | 60.5 | W | W | 55.0 | 72.7 | 67.0 | 60.1 | 75.7 | 70.8 | 66.6 |
| July | W | W | 64.2 | W | W | 59.4 | 72.8 | 67.9 | 63.7 | 77.4 | 73.4 | 68.3 |
| August | W | W | 61.3 | W | W | 53.6 | 74.2 | 68.9 | 60.4 | 78.2 | 72.5 | 65.4 |
| September | W | W | 59.1 | W | W | 50.9 | 74.4 | 65.4 | 58.1 | 77.8 | 66.1 | 63.5 |
| October | W | W | 60.3 | W | W | 54.0 | 75.5 | 65.2 | 59.5 | 76.9 | 70.0 | 63.5 |
| November | W | W | 63.6 | W | W | 56.1 | 73.5 | 67.2 | 62.3 | 77.7 | 70.4 | 67.3 |
| December | W | W | 59.6 | W | W | 54.3 | 73.5 | 65.2 | 59.2 | 77.0 | 70.1 | 65.5 |
| **1988 Average** | W | W | **60.8** | W | W | **54.0** | **73.7** | **66.5** | **60.1** | **76.8** | **70.1** | **65.1** |
| **Subdistrict IB Average** | | | | | | | | | | | | |
| January | 67.4 | 54.4 | 54.6 | 65.0 | 50.5 | 48.8 | 66.5 | 52.6 | 53.6 | 67.3 | 60.6 | 53.1 |
| February | 65.3 | 55.4 | 55.0 | 63.2 | 50.8 | 48.9 | 64.5 | 53.0 | 53.9 | 65.8 | 62.0 | 52.7 |
| March | 63.5 | 54.3 | 54.3 | 61.7 | 51.3 | 48.2 | 62.8 | 52.9 | 53.1 | 64.8 | 62.0 | 52.1 |
| April | 64.6 | 57.6 | 56.8 | 62.0 | 54.8 | 51.0 | 63.6 | 56.3 | 55.7 | 65.8 | 64.5 | 55.4 |
| May | 65.7 | 59.4 | 58.3 | 63.3 | 56.8 | 53.3 | 64.8 | 58.2 | 57.1 | 66.6 | 66.4 | 57.0 |
| June | 66.4 | 59.0 | 58.6 | 66.3 | 57.7 | 53.5 | 66.4 | 58.4 | 57.4 | 67.7 | 66.7 | 57.3 |
| July | 68.0 | 61.5 | 60.1 | 64.4 | 58.9 | 54.9 | 66.7 | 60.4 | 58.7 | 68.6 | 68.0 | 58.6 |
| August | 68.8 | 59.3 | 58.8 | 65.3 | 57.0 | 53.4 | 67.6 | 58.4 | 57.7 | 68.8 | 66.6 | 56.9 |
| September | 68.4 | 55.2 | 56.8 | 64.4 | 52.3 | 49.7 | 66.9 | 54.2 | 55.2 | 67.9 | 60.5 | 52.3 |
| October | 67.5 | 55.8 | 57.7 | 63.3 | 52.2 | 51.1 | 65.9 | 54.4 | 56.4 | 67.6 | 60.9 | 53.8 |
| November | 68.0 | 59.0 | 59.4 | 63.3 | 49.5 | 53.3 | 66.2 | 53.5 | 58.0 | 68.2 | 63.1 | 56.0 |
| December | 68.1 | 55.7 | 57.9 | 63.2 | 53.2 | 50.6 | 66.3 | 54.8 | 56.0 | 68.4 | 61.2 | 54.2 |
| **1988 Average** | **66.9** | **57.2** | **57.4** | **63.8** | **53.3** | **51.7** | **65.7** | **55.5** | **56.1** | **67.3** | **63.7** | **55.1** |
| **Delaware** | | | | | | | | | | | | |
| January | 71.5 | 50.6 | 52.4 | - | - | W | 71.5 | 50.6 | 52.4 | 61.2 | 57.2 | 54.0 |
| February | 70.9 | W | 55.5 | - | - | W | 70.9 | W | 55.5 | 60.5 | 57.7 | 54.2 |
| March | 68.3 | W | 53.7 | - | - | W | 68.3 | W | 53.7 | 59.8 | 58.3 | 54.1 |
| April | 69.0 | W | 55.4 | - | - | W | 69.0 | W | 55.4 | 63.3 | 63.3 | 56.7 |
| May | 66.1 | 56.6 | 57.2 | - | - | W | 66.1 | 56.6 | 57.2 | 65.4 | 61.3 | 58.0 |
| June | 71.1 | W | 57.0 | - | - | W | 71.1 | W | 57.0 | 66.6 | 61.6 | 58.3 |
| July | 68.3 | 56.0 | 59.1 | - | - | W | 68.3 | 56.0 | 59.1 | 66.9 | 65.7 | 60.9 |
| August | 75.4 | W | 58.8 | - | - | W | 75.4 | W | 58.8 | 67.5 | 64.8 | 59.0 |
| September | 71.5 | W | 56.7 | - | - | W | 71.5 | W | 56.7 | 63.8 | 63.4 | 58.3 |
| October | W | W | 56.3 | - | - | W | W | W | 56.3 | 64.1 | 63.3 | 58.3 |
| November | 76.9 | W | 59.0 | - | - | W | 76.9 | W | 59.0 | 65.5 | 65.6 | 60.5 |
| December | 75.0 | W | 57.6 | - | - | W | 75.0 | W | 57.6 | 65.3 | 65.2 | 58.0 |
| **1988 Average** | **71.1** | **54.0** | **56.6** | - | - | W | **71.1** | **54.0** | **56.6** | **64.3** | **63.0** | **57.9** |
| **District of Columbia** | | | | | | | | | | | | |
| January | - | 49.8 | 58.2 | - | - | - | - | 49.8 | 58.2 | W | 54.6 | 48.3 |
| February | - | 53.6 | 57.7 | - | - | - | - | 53.6 | 57.7 | W | 54.9 | 49.2 |
| March | - | 51.6 | 58.4 | - | - | - | - | 51.6 | 58.4 | W | 55.9 | 48.8 |
| April | - | 58.1 | 64.2 | - | - | - | - | 58.1 | 64.2 | W | 61.9 | 54.2 |
| May | - | 57.6 | 64.6 | - | - | - | - | 57.6 | 64.6 | W | 64.1 | 55.1 |
| June | - | 55.8 | 64.8 | - | - | - | - | 55.8 | 64.8 | W | 62.1 | 54.8 |
| July | - | 59.9 | 66.0 | - | - | - | - | 59.9 | 66.0 | W | 64.8 | 57.5 |
| August | - | 57.4 | 67.3 | - | - | - | - | 57.4 | 67.3 | W | 62.1 | 54.5 |
| September | - | 52.6 | 65.7 | - | - | - | - | 52.6 | 65.7 | W | 55.9 | W |
| October | - | 54.1 | 62.6 | - | - | - | - | 54.1 | 62.6 | W | 55.9 | W |
| November | - | 56.0 | 64.4 | - | - | - | - | 56.0 | 64.4 | W | 62.4 | 55.1 |
| December | - | 53.1 | 63.9 | - | - | - | - | 53.1 | 63.9 | W | 54.5 | 51.9 |
| **1988 Average** | - | **55.0** | **62.7** | - | - | - | - | **55.0** | **62.7** | W | **58.6** | **52.7** |

See footnotes at end of table.

# Table 31. Refiner/Reseller Unleaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Maryland** | | | | | | | | | | | | |
| January | - | 50.9 | 59.6 | W | W | 49.5 | W | 50.8 | 58.2 | 67.0 | 50.5 | 49.3 |
| February | - | 51.8 | 59.4 | W | W | 52.5 | W | 51.7 | 58.5 | 66.8 | 52.9 | 48.8 |
| March | - | 51.6 | 59.3 | W | W | 53.6 | W | 51.6 | 58.8 | 66.2 | 55.2 | 54.2 |
| April | - | 56.4 | 61.6 | W | W | W | W | 56.4 | 61.1 | 68.0 | 59.4 | 56.1 |
| May | - | 58.0 | 62.6 | W | W | 60.2 | W | 57.9 | 62.4 | 69.0 | 59.8 | 56.9 |
| June | - | 57.0 | 62.0 | W | W | 59.1 | W | 57.0 | 61.6 | 69.5 | 67.5 | 61.6 |
| July | - | 60.5 | 63.6 | W | W | W | W | 60.5 | 63.4 | 70.9 | 63.0 | 60.7 |
| August | - | 56.6 | 63.6 | W | W | W | W | 56.6 | 63.5 | 71.1 | 58.7 | 57.0 |
| September | - | 53.1 | 61.7 | W | W | 61.7 | W | 53.1 | 61.7 | 70.1 | 61.7 | 56.9 |
| October | - | 53.3 | 61.8 | W | W | 58.1 | W | 53.3 | 61.2 | 69.6 | 62.5 | 57.6 |
| November | - | 56.7 | 62.3 | W | W | 60.7 | W | 56.7 | 62.1 | 70.7 | 65.6 | 59.5 |
| December | - | 52.6 | 60.9 | W | W | 59.0 | W | 52.6 | 60.7 | 70.2 | 61.5 | 59.2 |
| **1988 Average** | **-** | **54.8** | **61.6** | W | W | **58.0** | W | **54.8** | **61.2** | **69.2** | **59.5** | **56.8** |
| **New Jersey** | | | | | | | | | | | | |
| January | 70.7 | 53.8 | 53.8 | W | W | 45.8 | 70.7 | 51.9 | 52.4 | 66.1 | 61.2 | 50.1 |
| February | 69.2 | 57.4 | 56.9 | W | 49.4 | 46.0 | 69.2 | 53.2 | 54.2 | 65.1 | 61.3 | 50.4 |
| March | 67.3 | 55.6 | 56.2 | W | 50.0 | 46.4 | 67.3 | 52.6 | 53.1 | 63.9 | 61.2 | 48.5 |
| April | 67.2 | 59.0 | 57.0 | W | 54.0 | 48.4 | 67.2 | 56.5 | 54.9 | 63.8 | 63.7 | 52.5 |
| May | 68.4 | 61.0 | 57.1 | W | W | 52.2 | 68.3 | 59.1 | 55.1 | 65.3 | 64.7 | 55.2 |
| June | 68.9 | 59.0 | 59.1 | W | 56.5 | 52.0 | 68.9 | 58.0 | 56.7 | 65.7 | 65.7 | 54.1 |
| July | 70.8 | 62.5 | 60.3 | W | W | 53.3 | 70.9 | 60.8 | 57.7 | 67.2 | 67.6 | 55.3 |
| August | 72.3 | 59.3 | 59.2 | W | 53.3 | 50.0 | 72.2 | 57.5 | 56.9 | 68.3 | 64.7 | 54.9 |
| September | 72.0 | 55.1 | 57.9 | W | W | 46.9 | 71.9 | 54.0 | 54.1 | 66.5 | 62.5 | 48.8 |
| October | 71.4 | 56.8 | 59.7 | W | W | 48.2 | 71.4 | 55.2 | 57.0 | 66.6 | 62.3 | 48.1 |
| November | 71.6 | 59.4 | 61.5 | W | W | 50.8 | 71.6 | 59.0 | 57.1 | 66.5 | 65.6 | 52.3 |
| December | 71.3 | 56.0 | 58.6 | W | W | 48.6 | 71.2 | 55.3 | 54.6 | 66.4 | 65.0 | 50.9 |
| **1988 Average** | **70.1** | **57.8** | **58.0** | W | **52.9** | **49.7** | **70.1** | **56.2** | **55.4** | **65.9** | **63.8** | **51.5** |
| **New York** | | | | | | | | | | | | |
| January | 70.7 | 65.0 | 60.1 | 68.3 | 51.2 | 51.0 | 69.4 | 54.8 | 58.4 | 69.9 | 63.9 | 56.4 |
| February | 69.1 | 63.8 | 59.0 | 66.3 | 51.0 | 51.4 | 67.6 | 54.1 | 57.8 | 68.2 | 63.7 | 56.5 |
| March | 67.3 | 60.0 | 58.1 | 65.3 | 51.5 | 50.8 | 66.2 | 53.8 | 56.9 | 67.2 | 63.6 | 55.9 |
| April | 66.5 | 62.6 | 60.1 | 65.1 | 54.7 | 52.8 | 65.8 | 56.3 | 58.7 | 67.3 | 64.7 | 58.3 |
| May | 67.2 | 63.1 | 61.8 | 65.6 | 57.0 | 54.7 | 66.4 | 58.7 | 60.4 | 67.5 | 66.8 | 60.1 |
| June | 68.0 | 63.1 | 62.2 | 69.2 | 59.1 | 55.4 | 68.6 | 60.4 | 60.9 | 69.3 | 66.8 | 60.7 |
| July | 68.8 | 64.8 | 63.5 | 66.4 | 58.6 | 57.6 | 67.5 | 60.9 | 62.5 | 69.8 | 70.4 | 61.2 |
| August | 70.6 | 62.0 | 62.6 | 67.4 | 56.7 | 54.7 | 68.9 | 58.9 | 61.1 | 69.8 | 68.9 | 58.4 |
| September | 70.9 | 61.8 | 60.7 | 66.7 | 52.7 | 51.5 | 68.6 | 56.3 | 58.9 | 70.6 | 59.0 | 57.3 |
| October | 69.7 | 62.2 | 61.1 | 65.9 | 52.0 | 52.9 | 67.7 | 56.1 | 59.5 | 69.6 | 59.2 | 59.0 |
| November | 69.5 | 64.0 | 63.1 | 65.7 | 47.0 | 55.6 | 67.5 | 49.3 | 61.8 | 69.7 | 60.6 | 61.9 |
| December | 69.6 | 63.0 | 61.8 | 65.6 | 53.9 | 51.1 | 67.5 | 57.8 | 59.5 | 70.3 | 59.6 | 59.2 |
| **1988 Average** | **69.0** | **62.9** | **61.2** | **66.5** | **52.5** | **53.3** | **67.7** | **55.5** | **59.7** | **69.0** | **63.9** | **58.8** |
| **Pennsylvania** | | | | | | | | | | | | |
| January | 63.0 | 53.2 | 49.9 | 61.2 | 50.1 | 49.4 | 62.3 | 51.6 | 49.8 | 65.1 | 62.7 | 53.7 |
| February | 59.7 | 53.3 | 49.6 | 59.4 | 50.9 | 49.2 | 59.6 | 52.1 | 49.6 | 63.2 | 64.7 | 52.6 |
| March | 58.1 | 54.3 | 48.9 | 57.3 | 51.6 | 47.8 | 57.8 | 53.0 | 48.7 | 62.2 | 64.0 | 52.2 |
| April | 61.1 | 56.8 | 52.5 | 58.4 | 55.2 | 51.0 | 60.0 | 56.1 | 52.2 | 64.1 | 67.1 | 55.4 |
| May | 62.9 | 58.4 | 54.9 | 60.5 | 56.8 | 53.5 | 62.0 | 57.7 | 54.6 | 65.4 | 69.2 | 55.7 |
| June | 63.4 | 58.6 | 54.2 | 62.7 | 56.5 | 53.2 | 63.1 | 57.5 | 54.0 | 66.0 | 67.0 | 57.0 |
| July | 65.3 | 60.7 | 56.1 | 61.8 | 59.5 | 54.8 | 63.9 | 60.1 | 55.7 | 67.0 | 68.7 | 59.2 |
| August | 64.9 | 61.8 | 53.7 | 62.8 | 58.4 | 53.6 | 64.1 | 59.9 | 53.7 | 67.5 | 68.4 | 56.8 |
| September | 63.9 | 54.2 | 51.1 | 61.7 | 52.4 | 50.0 | 63.0 | 53.3 | 50.8 | 64.2 | 60.0 | 55.8 |
| October | 63.3 | 54.0 | 52.7 | 60.0 | 52.8 | 50.2 | 62.0 | 53.5 | 52.2 | 64.9 | 61.2 | 56.5 |
| November | 64.3 | 59.0 | 54.7 | 60.4 | 57.6 | 54.2 | 62.7 | 58.3 | 54.6 | 66.3 | 63.2 | 57.7 |
| December | 64.7 | 54.6 | 53.2 | 60.5 | 52.6 | 51.4 | 63.1 | 53.7 | 52.7 | 66.3 | 60.8 | 56.6 |
| **1988 Average** | **63.0** | **56.6** | **52.6** | **60.6** | **54.6** | **51.8** | **62.0** | **55.6** | **52.5** | **65.2** | **65.2** | **55.7** |

See footnotes at end of table.

# Table 31. Refiner/Reseller Unleaded Gasoline Prices by Seller Type (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Subdistrict IC Average** | | | | | | | | | | | | |
| January | 64.7 | 48.8 | 50.7 | 65.9 | 47.5 | 45.4 | 65.0 | 48.3 | 49.9 | 65.2 | 59.5 | 55.4 |
| February | 62.6 | 49.8 | 51.8 | 63.0 | 49.5 | 47.4 | 62.7 | 49.7 | 51.1 | 63.7 | 60.7 | 55.9 |
| March | 61.2 | 50.3 | 52.0 | 61.5 | W | 48.0 | 61.3 | 50.2 | 51.4 | 62.6 | 60.7 | 56.9 |
| April | 63.0 | 55.1 | 56.4 | 63.1 | W | 53.7 | 63.0 | 55.1 | 56.0 | 66.4 | 64.1 | 60.3 |
| May | 64.9 | 56.9 | 57.4 | 65.3 | W | 53.8 | 65.0 | 56.5 | 56.9 | 66.9 | 63.7 | 60.8 |
| June | 64.8 | 55.7 | 56.1 | 64.5 | W | 52.1 | 64.7 | 55.1 | 55.5 | 66.8 | 63.4 | 60.6 |
| July | 66.4 | 58.6 | 59.9 | 65.8 | 57.9 | 56.9 | 66.3 | 58.3 | 59.4 | 69.5 | 66.1 | 63.5 |
| August | 68.5 | 57.2 | 57.3 | 68.3 | W | 52.2 | 68.5 | 55.5 | 56.5 | 69.2 | 63.1 | 60.8 |
| September | 67.4 | 52.0 | 53.7 | 66.6 | W | 48.2 | 67.2 | 51.0 | 52.9 | 69.0 | 63.6 | 60.5 |
| October | 65.9 | 52.4 | 54.6 | 65.2 | W | 50.2 | 65.8 | 51.1 | 53.9 | 68.3 | 63.7 | 60.1 |
| November | 65.2 | 55.5 | 56.2 | 64.4 | W | 51.5 | 65.0 | 54.1 | 55.4 | 68.5 | 63.6 | 61.0 |
| December | 64.5 | 51.2 | 52.4 | 63.9 | W | 47.0 | 64.4 | 48.9 | 51.7 | 66.3 | 62.1 | 57.9 |
| **1988 Average** | **65.0** | **53.5** | **54.9** | **64.8** | **51.3** | **50.7** | **64.9** | **52.7** | **54.3** | **67.0** | **62.9** | **59.6** |
| **Florida** | | | | | | | | | | | | |
| January | 65.4 | 49.0 | 53.3 | 65.6 | W | 45.3 | 65.5 | 48.0 | 51.8 | 65.5 | 60.6 | 52.6 |
| February | 63.2 | 50.5 | 54.2 | 62.8 | W | 47.5 | 63.1 | 49.9 | 52.9 | 63.8 | 61.3 | 54.2 |
| March | 62.6 | 50.9 | 54.2 | 61.5 | W | 48.2 | 62.4 | 50.3 | 53.0 | 63.2 | 62.1 | 54.4 |
| April | 64.1 | 56.2 | 57.8 | 63.2 | W | 53.6 | 63.9 | 55.4 | 56.9 | 67.1 | 65.4 | 58.6 |
| May | 66.4 | 57.3 | 59.6 | 65.3 | W | 54.2 | 66.2 | 56.4 | 58.5 | 68.2 | 65.2 | 59.7 |
| June | 66.6 | 55.8 | 58.6 | 65.4 | W | 52.3 | 66.3 | 54.9 | 57.4 | 68.7 | 65.1 | 59.0 |
| July | 68.1 | 59.2 | 62.0 | 67.2 | W | 57.2 | 67.9 | 58.5 | 60.9 | 71.5 | 67.3 | 61.9 |
| August | 70.3 | 56.7 | 60.5 | 70.4 | W | 52.5 | 70.3 | 54.3 | 58.8 | 71.4 | 65.3 | 60.5 |
| September | 69.3 | 53.3 | 57.7 | 68.0 | W | 48.4 | 69.0 | 51.0 | 55.8 | 71.6 | 63.9 | 62.9 |
| October | 68.1 | 54.0 | 57.7 | 66.5 | W | 50.2 | 67.8 | 50.9 | 56.3 | 70.3 | 63.4 | 61.0 |
| November | 67.5 | 55.8 | 58.4 | 66.3 | W | 51.7 | 67.3 | 53.5 | 57.1 | 69.4 | 63.8 | 62.9 |
| December | 67.0 | 51.5 | 55.8 | 65.5 | W | 47.3 | 66.8 | 47.7 | 54.2 | 66.3 | 63.7 | 59.2 |
| **1988 Average** | **66.5** | **54.2** | **57.4** | **65.5** | W | **50.8** | **66.3** | **52.4** | **56.1** | **68.2** | **63.8** | **59.5** |
| **Georgia** | | | | | | | | | | | | |
| January | 60.7 | 48.3 | 48.1 | 61.1 | W | 45.1 | 60.7 | 48.3 | 47.6 | 62.4 | 59.8 | 54.0 |
| February | 58.1 | 50.0 | 49.4 | 58.2 | W | 47.2 | 58.1 | 50.0 | 49.1 | 61.3 | 64.9 | 55.8 |
| March | 55.7 | 50.5 | 49.8 | 56.0 | W | 47.7 | 55.8 | 50.5 | 49.4 | 59.2 | 63.2 | 57.3 |
| April | 59.0 | 55.5 | 55.2 | 58.0 | W | 53.6 | 58.8 | 55.3 | 55.0 | 66.4 | 66.4 | 60.2 |
| May | 60.9 | 57.4 | 55.9 | 62.2 | W | 53.5 | 61.2 | 57.1 | 55.5 | 65.0 | 65.2 | 61.1 |
| June | 60.7 | 56.3 | 54.4 | 61.3 | W | 51.8 | 60.8 | 56.0 | 54.0 | 63.7 | 64.3 | 59.9 |
| July | 62.4 | 59.4 | 58.6 | 62.2 | W | 57.1 | 62.4 | 59.2 | 58.4 | 66.2 | 66.4 | 62.2 |
| August | 64.4 | 57.3 | 55.1 | 63.6 | W | 51.6 | 64.2 | 56.2 | 54.6 | 66.6 | 65.1 | 58.8 |
| September | 63.3 | 51.8 | 51.0 | 61.8 | W | 47.6 | 62.9 | 50.7 | 50.5 | 68.3 | 64.0 | 57.6 |
| October | 61.2 | 52.3 | 52.1 | 60.1 | W | 49.9 | 60.9 | 51.4 | 51.7 | 69.6 | 64.9 | 58.3 |
| November | 59.3 | 55.3 | 54.1 | 59.6 | W | 50.9 | 59.4 | 54.7 | 53.5 | 70.9 | 64.0 | 58.5 |
| December | 58.8 | 51.3 | 49.6 | 59.1 | W | 46.3 | 58.9 | 50.0 | 49.1 | 67.5 | 60.6 | 54.4 |
| **1988 Average** | **60.4** | **53.8** | **52.8** | **60.3** | W | **50.3** | **60.4** | **53.2** | **52.4** | **66.0** | **64.1** | **58.2** |
| **North Carolina** | | | | | | | | | | | | |
| January | 62.6 | W | 47.4 | 65.8 | W | 45.8 | 63.7 | W | 47.3 | 66.4 | 59.6 | 58.0 |
| February | 60.2 | W | 49.1 | 62.5 | W | 47.4 | 61.0 | 47.5 | 48.9 | 64.1 | 58.2 | 56.8 |
| March | 58.3 | W | 49.7 | 60.8 | W | 48.1 | 59.1 | W | 49.5 | 62.8 | 59.3 | 58.3 |
| April | 59.8 | 53.3 | 55.0 | 62.0 | W | 53.8 | 60.3 | 53.3 | 54.9 | 64.3 | 63.1 | 61.6 |
| May | 61.9 | 55.1 | 55.4 | 64.1 | W | 53.6 | 62.7 | 55.1 | 55.2 | 67.4 | 62.8 | 61.1 |
| June | 62.3 | 53.6 | 53.7 | 62.7 | W | 52.0 | 62.4 | 53.6 | 53.5 | 67.1 | 63.0 | 61.6 |
| July | 63.5 | 55.4 | 58.2 | 64.5 | W | 57.2 | 63.8 | 55.4 | 58.1 | 69.6 | 66.9 | 65.0 |
| August | 66.0 | 55.4 | 54.6 | 67.1 | W | 51.7 | 66.4 | 55.3 | 54.1 | 68.7 | 62.5 | 62.3 |
| September | 65.1 | 49.5 | 50.1 | 65.5 | W | 48.0 | 65.2 | 49.4 | 49.8 | 68.6 | 63.8 | 62.4 |
| October | 63.0 | 49.5 | 51.7 | 62.7 | W | 49.8 | 62.9 | 49.5 | 51.4 | 67.0 | 62.6 | 63.4 |
| November | 62.9 | 54.0 | 54.1 | 62.6 | W | 51.0 | 62.8 | 53.9 | 53.6 | 67.2 | 62.9 | 62.0 |
| December | 61.6 | 49.6 | 49.2 | W | W | 46.7 | 61.7 | 49.5 | 48.9 | 66.3 | 61.2 | 60.5 |
| **1988 Average** | **62.3** | **51.2** | **52.4** | **63.6** | W | **50.6** | **62.7** | **51.1** | **52.2** | **66.8** | **62.2** | **61.1** |

See footnotes at end of table.

# Table 31. Refiner/Reseller Unleaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **South Carolina** | | | | | | | | | | | | |
| January | 62.3 | 54.7 | 48.0 | 69.6 | W | 45.1 | 64.4 | 54.3 | 47.6 | 65.8 | 60.3 | 53.6 |
| February | 59.7 | 53.9 | 49.6 | 66.4 | W | 47.1 | 61.8 | 53.4 | 49.2 | 63.9 | 60.0 | 54.0 |
| March | 57.3 | 54.8 | 50.0 | 63.6 | W | 47.9 | 59.2 | 54.4 | 49.7 | 63.7 | 61.1 | 56.3 |
| April | 59.3 | 57.3 | 55.0 | 65.6 | W | 53.7 | 61.2 | 57.0 | 54.9 | 66.9 | 64.4 | 59.0 |
| May | 60.3 | 59.5 | 55.5 | 67.3 | W | 53.3 | 62.3 | 59.2 | 55.2 | 66.2 | 65.5 | 59.7 |
| June | 60.3 | 58.2 | 54.1 | 63.9 | W | 51.7 | 61.4 | 57.8 | 53.8 | 66.7 | 64.1 | 60.5 |
| July | 62.9 | 61.1 | 58.3 | 65.4 | W | 55.0 | 63.6 | 60.8 | 57.5 | 69.5 | 63.5 | 63.3 |
| August | 64.7 | 59.6 | 54.9 | 68.4 | W | 51.8 | 65.8 | 58.8 | 54.6 | 69.0 | 61.7 | 60.3 |
| September | 62.5 | 54.9 | 50.6 | 67.1 | W | 47.9 | 63.9 | 54.0 | 50.3 | 65.9 | 62.8 | 57.5 |
| October | 60.3 | 55.1 | 52.0 | 67.9 | W | 50.8 | 62.6 | 54.3 | 51.8 | 64.3 | 64.4 | 58.0 |
| November | 59.3 | 58.5 | 54.4 | 64.4 | W | 51.5 | 60.9 | 57.2 | 54.0 | 63.9 | 62.6 | 59.9 |
| December | 57.8 | 54.5 | 49.8 | 63.8 | W | 47.2 | 59.5 | 53.4 | 49.4 | 62.7 | 63.2 | 55.4 |
| **1988 Average** | **60.5** | **56.9** | **52.8** | **66.0** | W | **50.7** | **62.2** | **56.2** | **52.5** | **65.5** | **63.0** | **58.4** |
| **Virginia** | | | | | | | | | | | | |
| January | 68.4 | 49.8 | 52.7 | 69.4 | W | 45.7 | 68.6 | 49.2 | 51.9 | 66.9 | 58.3 | 55.2 |
| February | 67.6 | 50.5 | 53.8 | 66.6 | W | 47.4 | 67.4 | 50.4 | 52.9 | 66.1 | 59.5 | 56.9 |
| March | 66.6 | 51.0 | 54.0 | 66.3 | W | 48.0 | 66.6 | 50.9 | 53.2 | 65.3 | 59.2 | 55.5 |
| April | 67.2 | 54.9 | 57.7 | 67.0 | W | 53.9 | 67.2 | 54.8 | 57.3 | 65.8 | 62.2 | 60.7 |
| May | 68.3 | 57.4 | 58.4 | 68.3 | W | 54.0 | 68.3 | 56.4 | 57.9 | 66.9 | 61.6 | 60.4 |
| June | 67.7 | 55.9 | 57.2 | 69.1 | W | 52.4 | 68.0 | 55.0 | 56.7 | 67.3 | 61.4 | 59.4 |
| July | 69.1 | 58.6 | 60.7 | 69.5 | W | 57.6 | 69.2 | 58.1 | 60.3 | 69.4 | 64.8 | 63.0 |
| August | 71.1 | 58.4 | 58.6 | 70.8 | W | 52.4 | 71.1 | 56.4 | 58.0 | 68.7 | 61.5 | 59.6 |
| September | 70.1 | 52.2 | 55.4 | 70.4 | W | 48.5 | 70.1 | 51.1 | 54.7 | 68.7 | 63.7 | 59.0 |
| October | 69.4 | 53.8 | 56.4 | 69.2 | W | 50.9 | 69.3 | 52.1 | 55.7 | 68.1 | 63.6 | 57.7 |
| November | 69.2 | 55.9 | 57.5 | 69.0 | W | 52.4 | 69.2 | 53.8 | 56.9 | 68.4 | 64.1 | 59.8 |
| December | 69.2 | 51.2 | 54.6 | 69.1 | W | 47.6 | 69.2 | 48.7 | 53.9 | 67.8 | 62.5 | 57.7 |
| **1988 Average** | **68.7** | **54.0** | **56.5** | **68.7** | **50.9** | **51.0** | **68.7** | **53.1** | **55.9** | **67.6** | **62.1** | **58.9** |
| **West Virginia** | | | | | | | | | | | | |
| January | 70.5 | 55.4 | 51.6 | 63.5 | W | 46.4 | 70.1 | 52.6 | 51.3 | 68.8 | 57.2 | 60.0 |
| February | 69.2 | 55.9 | 52.4 | 61.5 | W | 46.0 | 68.7 | 53.5 | 51.4 | 67.1 | 59.3 | 60.3 |
| March | 67.7 | 57.4 | 52.1 | 60.9 | W | 49.2 | 67.3 | 54.9 | 51.9 | 67.3 | 59.9 | 58.8 |
| April | 68.3 | 59.3 | 55.8 | 62.9 | W | 54.8 | 68.0 | 58.0 | 55.7 | 68.5 | 62.4 | 61.3 |
| May | 70.8 | 62.3 | 58.1 | 64.8 | W | 54.2 | 70.4 | 60.1 | 57.6 | 68.8 | 63.4 | 63.2 |
| June | 70.6 | 61.2 | 57.1 | 63.9 | W | 52.4 | 70.2 | 59.0 | 56.4 | 69.5 | 66.8 | 63.3 |
| July | 71.8 | 64.5 | 60.0 | 66.3 | W | 57.0 | 71.4 | 62.2 | 59.5 | 71.5 | 70.1 | 66.1 |
| August | 73.2 | 64.1 | 59.7 | 68.2 | W | 55.7 | 72.9 | 61.4 | 59.3 | 71.6 | 67.6 | 63.7 |
| September | 72.2 | 60.2 | 55.3 | 66.6 | W | 51.0 | 71.9 | 56.5 | 55.1 | 70.4 | 61.3 | 61.7 |
| October | 71.4 | 58.9 | 55.7 | 65.4 | W | 51.5 | 71.1 | 55.1 | 55.5 | 70.3 | 61.2 | 61.7 |
| November | 71.1 | 60.4 | 57.6 | 64.8 | W | 55.3 | 70.7 | 58.0 | 57.5 | 70.6 | 66.2 | 63.0 |
| December | 70.7 | 56.7 | 55.2 | 63.6 | W | 50.5 | 70.2 | 54.0 | 55.0 | 70.6 | 61.6 | 61.4 |
| **1988 Average** | **70.7** | **59.7** | **56.0** | **64.3** | W | **52.4** | **70.3** | **57.2** | **55.7** | **69.6** | **63.4** | **62.1** |
| **PAD District II Average** | | | | | | | | | | | | |
| January | 61.0 | 51.2 | 50.2 | 59.1 | 47.5 | 46.5 | 60.4 | 51.0 | 49.2 | 63.2 | 59.3 | 51.9 |
| February | 60.1 | 52.2 | 51.3 | 57.9 | 48.7 | 48.0 | 59.4 | 52.0 | 50.4 | 61.6 | 59.6 | 52.4 |
| March | 59.4 | 52.7 | 51.4 | 57.3 | 47.9 | 48.6 | 58.8 | 52.5 | 50.6 | 61.8 | 61.0 | 53.6 |
| April | 64.6 | 56.5 | 56.9 | 62.5 | 48.7 | 54.3 | 64.0 | 56.0 | 56.2 | 65.5 | 64.3 | 58.2 |
| May | 67.4 | 60.4 | 57.9 | 65.1 | 55.6 | 54.7 | 66.7 | 60.2 | 57.0 | 66.9 | 65.0 | 58.7 |
| June | 65.5 | 58.4 | 56.1 | 62.9 | 53.7 | 53.1 | 64.7 | 58.2 | 55.2 | 66.3 | 64.2 | 57.6 |
| July | 68.0 | 60.7 | 60.8 | 65.8 | 57.8 | 58.0 | 67.3 | 60.5 | 60.0 | 69.9 | 68.5 | 61.6 |
| August | 70.7 | 62.9 | 60.0 | 68.2 | 54.4 | 56.2 | 69.9 | 61.9 | 58.8 | 70.5 | 67.3 | 60.2 |
| September | 67.4 | 57.1 | 54.4 | 64.6 | 50.0 | 50.6 | 66.5 | 56.5 | 53.4 | 67.3 | 64.6 | 55.7 |
| October | 64.5 | 56.0 | 53.9 | 61.9 | 51.2 | 50.5 | 63.7 | 55.7 | 52.9 | 65.7 | 64.3 | 55.5 |
| November | 65.3 | 58.2 | 56.0 | 63.2 | 53.6 | 52.6 | 64.6 | 57.9 | 55.0 | 65.7 | 63.8 | 56.1 |
| December | 62.8 | 54.5 | 51.5 | 60.8 | 48.8 | 47.5 | 62.2 | 54.1 | 50.3 | 64.2 | 62.4 | 53.1 |
| **1988 Average** | **64.9** | **56.8** | **55.2** | **62.5** | **51.6** | **51.9** | **64.1** | **56.5** | **54.2** | **65.9** | **63.8** | **56.5** |

See footnotes at end of table.

# Table 31. Refiner/Reseller Unleaded Gasoline Prices by Seller Type (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Illinois** | | | | | | | | | | | | |
| January | 63.3 | 49.1 | 52.8 | W | - | 46.9 | 62.3 | 49.1 | 52.4 | 63.6 | 57.9 | 52.0 |
| February | 63.3 | 52.3 | 53.8 | W | - | 47.8 | 61.8 | 52.3 | 53.3 | 63.2 | 58.5 | 51.1 |
| March | 60.8 | 51.8 | 53.5 | W | - | 47.6 | 59.4 | 51.8 | 52.7 | 62.8 | 57.9 | 52.5 |
| April | 64.4 | 55.4 | 57.9 | W | - | 52.6 | 63.4 | 55.4 | 57.5 | 65.3 | 64.6 | 57.5 |
| May | 66.5 | 59.3 | 58.6 | W | - | 53.9 | 65.4 | 59.3 | 58.1 | 67.2 | 64.9 | 57.8 |
| June | 66.0 | 56.1 | 57.4 | W | - | 52.2 | 64.6 | 56.1 | 56.9 | 67.4 | 63.8 | 56.7 |
| July | 68.7 | 55.9 | 61.4 | W | W | 59.1 | 67.6 | 55.9 | 61.2 | 69.5 | 66.9 | 61.7 |
| August | 72.4 | 64.3 | 62.1 | W | W | 56.6 | 71.3 | 64.1 | 61.4 | 71.1 | 66.8 | 61.7 |
| September | 70.0 | 61.8 | 57.0 | W | W | 50.1 | 68.7 | 61.6 | 56.4 | 68.1 | 61.9 | 53.8 |
| October | 67.3 | 58.5 | 56.1 | W | W | 50.3 | 66.0 | 58.5 | 55.5 | 67.9 | 62.7 | 55.4 |
| November | 66.9 | 58.6 | 57.5 | W | W | 52.9 | 65.6 | 58.6 | 57.1 | 67.1 | 63.0 | 55.7 |
| December | 64.3 | 58.0 | 53.0 | W | - | 46.1 | 63.2 | 58.0 | 52.2 | 65.0 | 59.8 | 51.9 |
| **1988 Average** | **66.2** | **55.7** | **56.8** | W | W | **51.5** | **65.0** | **55.7** | **56.3** | **66.6** | **62.3** | **55.6** |
| **Indiana** | | | | | | | | | | | | |
| January | 56.3 | 51.2 | 48.8 | W | W | 45.9 | 56.9 | 51.0 | 48.0 | 60.0 | 58.2 | 50.1 |
| February | 56.8 | 52.2 | 50.3 | W | W | 47.4 | 57.0 | 52.1 | 49.4 | 61.1 | 58.6 | 50.2 |
| March | 55.1 | 52.5 | 50.9 | W | W | 47.9 | 56.6 | 52.5 | 50.0 | 62.7 | 62.9 | 51.2 |
| April | 61.4 | 57.8 | 57.0 | W | W | 54.2 | 63.4 | 57.5 | 56.1 | 66.2 | 65.4 | 56.6 |
| May | 63.3 | 60.5 | 58.0 | W | W | 54.7 | 64.6 | 60.4 | 56.9 | 66.4 | 64.7 | 57.2 |
| June | 60.5 | 58.6 | 55.3 | W | W | 53.0 | 61.5 | 58.5 | 54.6 | 64.5 | 63.7 | 54.9 |
| July | 64.0 | 61.7 | 60.5 | W | W | 58.4 | 64.8 | 61.6 | 59.9 | 69.1 | 70.1 | 59.5 |
| August | 66.0 | 62.8 | 59.4 | W | W | 55.8 | 66.9 | 61.4 | 58.2 | 69.5 | 66.3 | 58.6 |
| September | 60.8 | 55.5 | 53.2 | W | W | 49.5 | 61.9 | 54.8 | 52.2 | 65.7 | 62.5 | 56.0 |
| October | 57.6 | 55.4 | 53.0 | W | W | 50.7 | 58.8 | 54.6 | 52.3 | 63.3 | 65.9 | 52.9 |
| November | 62.0 | 59.5 | 55.9 | W | W | 53.7 | 63.2 | 58.5 | 55.2 | 65.4 | 62.7 | 55.9 |
| December | 58.7 | 54.3 | 50.8 | W | W | 48.7 | 59.8 | 53.4 | 50.2 | 60.9 | 61.7 | 52.2 |
| **1988 Average** | **60.3** | **56.7** | **54.5** | W | W | **51.8** | **61.4** | **56.3** | **53.7** | **64.9** | **63.6** | **54.7** |
| **Iowa** | | | | | | | | | | | | |
| January | 61.3 | 48.1 | 49.2 | 61.6 | - | 47.0 | 61.5 | 48.1 | 48.4 | 63.6 | 66.3 | 52.2 |
| February | 60.8 | 50.4 | 51.0 | 60.7 | - | 48.8 | 60.8 | 50.4 | 50.1 | 63.2 | 62.7 | 53.7 |
| March | 60.9 | 50.5 | 51.9 | 59.9 | W | 50.0 | 60.2 | 50.5 | 51.2 | 62.8 | 65.3 | 54.0 |
| April | 65.6 | 55.9 | 57.4 | 64.6 | W | 55.5 | 64.9 | 55.8 | 56.6 | 69.3 | 66.3 | 59.0 |
| May | 69.5 | 56.4 | 58.2 | 68.0 | W | 55.7 | 68.5 | 56.3 | 57.2 | 70.3 | 70.3 | 60.4 |
| June | 68.9 | 55.0 | 56.6 | 67.3 | W | 53.6 | 67.8 | 55.0 | 55.4 | 70.3 | 69.8 | 58.3 |
| July | 70.3 | 60.3 | 60.9 | 68.7 | - | 58.9 | 69.2 | 60.3 | 60.1 | 71.3 | 72.0 | 62.5 |
| August | 73.7 | 58.6 | 60.1 | 70.4 | W | 57.2 | 71.4 | 58.5 | 59.0 | 72.6 | 71.3 | 61.5 |
| September | 68.1 | 51.4 | 54.0 | 65.5 | - | 51.3 | 66.2 | 51.4 | 52.9 | 66.4 | 70.7 | 56.4 |
| October | 64.8 | 51.7 | 53.0 | 61.9 | - | 51.0 | 62.6 | 51.7 | 52.2 | 66.2 | 68.2 | 55.6 |
| November | 63.6 | 54.0 | 55.1 | 61.8 | - | 52.6 | 62.2 | 54.0 | 54.1 | 64.5 | 65.4 | 57.5 |
| December | 64.3 | 51.0 | 51.2 | 62.7 | W | 47.7 | 63.0 | 51.0 | 49.7 | 67.2 | 69.1 | 53.9 |
| **1988 Average** | **66.0** | **53.3** | **55.0** | **64.5** | W | **52.5** | **64.9** | **53.3** | **54.0** | **67.2** | **68.4** | **57.1** |
| **Kansas** | | | | | | | | | | | | |
| January | 60.8 | 46.2 | 47.6 | 61.4 | W | 45.1 | 61.1 | 46.2 | 45.9 | 65.8 | 54.8 | 48.3 |
| February | 60.5 | W | 48.6 | 60.2 | W | 46.5 | 60.4 | 47.5 | 47.3 | 64.6 | 56.7 | 48.9 |
| March | 59.4 | W | 49.2 | 60.6 | W | 47.2 | 60.1 | 48.0 | 47.9 | 65.3 | 59.1 | 51.3 |
| April | 63.5 | 53.8 | 55.6 | 63.7 | W | 52.4 | 63.6 | 53.7 | 53.3 | 67.8 | 65.3 | 54.8 |
| May | 66.8 | W | 56.1 | 66.9 | W | 53.4 | 66.9 | 54.8 | 54.2 | 69.3 | 60.9 | 55.6 |
| June | 66.2 | 52.4 | 54.8 | 65.2 | W | 52.2 | 65.6 | 52.4 | 52.9 | 69.3 | 62.8 | 55.1 |
| July | 67.7 | 56.5 | 59.4 | 67.3 | 57.0 | 55.3 | 67.5 | 56.6 | 56.3 | 71.6 | 68.6 | 58.7 |
| August | 67.3 | 57.5 | 58.2 | 68.2 | W | 53.3 | 67.9 | 56.1 | 54.8 | 72.0 | 66.1 | 57.7 |
| September | 61.9 | 50.5 | 52.0 | 63.0 | W | 49.5 | 62.6 | 50.6 | 50.3 | 64.5 | 64.3 | 53.8 |
| October | 61.4 | 49.8 | 50.7 | 60.2 | W | 48.6 | 60.7 | 49.8 | 49.3 | 62.4 | 65.2 | 51.9 |
| November | 62.0 | 52.9 | 52.6 | 61.8 | W | 50.6 | 61.9 | 52.5 | 51.3 | 63.7 | 65.3 | 52.7 |
| December | 59.5 | 45.9 | 49.1 | 60.7 | W | 45.8 | 60.2 | 46.0 | 46.8 | 62.4 | 65.6 | 49.0 |
| **1988 Average** | **63.1** | W | **52.9** | **63.4** | **52.2** | **50.4** | **63.3** | **51.0** | **51.2** | **66.0** | **63.0** | **53.6** |

See footnotes at end of table.

# Table 31. Refiner/Reseller Unleaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Kentucky** | | | | | | | | | | | | |
| January | 59.6 | 51.8 | 50.2 | 58.3 | W | 51.0 | 59.3 | 51.8 | 50.2 | 60.3 | 60.8 | 60.0 |
| February | 59.3 | 52.8 | 51.2 | 59.2 | W | 52.8 | 59.3 | 52.8 | 51.3 | 59.4 | 62.6 | 60.1 |
| March | 60.8 | 52.4 | 52.2 | 59.7 | W | 51.7 | 60.6 | 52.4 | 52.2 | 61.1 | 60.1 | 59.2 |
| April | 66.8 | 57.7 | 58.1 | 64.7 | W | 55.6 | 66.4 | 57.7 | 57.8 | 65.3 | 65.0 | 63.1 |
| May | 71.0 | 60.4 | 60.0 | 69.2 | W | 56.9 | 70.7 | 60.4 | 59.6 | 70.4 | 65.6 | 64.7 |
| June | 69.6 | 58.5 | 57.9 | 66.7 | - | 54.4 | 69.0 | 58.5 | 57.4 | 68.8 | 66.0 | 64.6 |
| July | 68.8 | 62.2 | 62.8 | 67.9 | W | 59.4 | 68.7 | 62.2 | 62.5 | 69.9 | 67.7 | 66.2 |
| August | 71.3 | 61.6 | 59.2 | 69.7 | - | 57.1 | 71.0 | 61.6 | 59.0 | 70.7 | 64.9 | 64.1 |
| September | 66.7 | 54.7 | 52.4 | 67.8 | W | 50.8 | 66.9 | 54.7 | 52.3 | 69.5 | 63.5 | 61.6 |
| October | 63.2 | 54.6 | 53.3 | 64.8 | - | 53.7 | 63.4 | 54.6 | 53.3 | 66.4 | 63.2 | 61.3 |
| November | 65.8 | 57.6 | 56.4 | 66.2 | - | 54.2 | 65.9 | 57.6 | 56.2 | 67.9 | 63.6 | 61.7 |
| December | 64.0 | 54.3 | 52.3 | 64.0 | - | 49.8 | 64.0 | 54.3 | 52.0 | 67.3 | 61.0 | 60.0 |
| **1988 Average** | **65.7** | **56.6** | **55.6** | **64.8** | W | **54.4** | **65.6** | **56.6** | **55.5** | **66.6** | **63.4** | **62.3** |
| **Michigan** | | | | | | | | | | | | |
| January | 61.7 | 53.2 | 52.1 | W | - | 47.9 | 60.8 | 53.2 | 51.4 | 64.0 | 61.6 | 55.0 |
| February | 59.3 | 52.9 | 52.0 | 57.8 | - | 48.5 | 58.6 | 52.9 | 51.3 | 61.0 | 60.9 | 54.9 |
| March | 56.3 | 53.2 | 51.7 | 56.6 | - | 49.1 | 56.5 | 53.2 | 51.2 | 61.2 | 63.1 | 56.0 |
| April | 62.1 | 56.8 | 57.4 | 61.8 | - | 54.9 | 62.0 | 56.8 | 56.9 | 63.6 | 63.7 | 61.1 |
| May | 65.0 | 60.0 | 58.9 | 64.8 | - | 55.3 | 64.9 | 60.0 | 58.2 | 67.0 | 64.9 | 61.2 |
| June | 62.9 | 58.7 | 56.4 | 62.4 | - | 52.7 | 62.7 | 58.7 | 55.6 | 65.3 | 63.0 | 60.5 |
| July | 65.7 | 60.6 | 61.4 | 65.5 | - | 60.0 | 65.6 | 60.6 | 61.2 | 70.0 | 66.8 | 61.8 |
| August | 68.5 | 63.5 | 62.6 | 67.9 | W | 58.8 | 68.2 | 63.5 | 61.8 | 70.3 | 66.6 | 62.2 |
| September | 65.5 | 58.8 | 56.4 | 65.0 | - | 51.5 | 65.2 | 58.8 | 55.4 | 67.7 | 62.4 | 58.8 |
| October | 62.3 | 55.9 | 55.5 | 62.7 | - | 52.2 | 62.5 | 55.9 | 54.9 | 66.5 | 62.6 | 58.9 |
| November | 64.1 | 58.9 | 59.1 | 63.7 | - | 56.1 | 63.9 | 58.9 | 58.5 | 66.4 | 64.5 | 60.5 |
| December | 62.0 | 56.8 | 54.7 | 61.9 | - | 49.9 | 61.9 | 56.8 | 53.6 | 64.6 | 61.5 | 56.3 |
| **1988 Average** | **63.0** | **57.4** | **56.7** | **62.6** | W | **53.3** | **62.8** | **57.4** | **56.0** | **66.0** | **63.6** | **59.4** |
| **Minnesota** | | | | | | | | | | | | |
| January | 66.5 | 50.8 | 52.3 | 65.7 | W | 48.2 | 66.4 | 50.6 | 50.8 | 69.8 | 67.1 | 52.7 |
| February | 63.6 | 51.2 | 52.7 | 62.5 | W | 49.4 | 63.4 | 51.2 | 51.4 | 67.8 | 66.8 | 52.7 |
| March | 61.5 | 51.9 | 53.1 | 59.1 | W | 50.6 | 61.1 | 51.8 | 52.1 | 68.3 | 67.0 | 55.0 |
| April | 65.8 | 56.6 | 58.5 | 63.6 | W | 56.4 | 65.4 | 56.7 | 57.6 | 68.0 | 69.2 | 59.8 |
| May | 69.8 | 58.6 | 59.8 | 68.1 | W | 56.7 | 69.6 | 58.6 | 58.6 | 70.7 | 70.1 | 59.5 |
| June | 69.4 | 57.5 | 58.8 | 67.2 | W | 55.4 | 69.1 | 57.4 | 57.5 | 71.1 | 70.1 | 58.5 |
| July | 71.3 | 60.7 | 62.8 | 69.2 | W | 60.5 | 70.9 | 60.7 | 61.9 | 73.4 | 71.6 | 63.2 |
| August | 74.2 | 62.1 | 63.2 | 72.8 | W | 59.3 | 73.9 | 62.0 | 61.6 | 73.7 | 73.5 | 61.1 |
| September | 72.2 | 56.8 | 58.2 | 71.0 | W | 53.5 | 72.0 | 56.6 | 56.3 | 71.2 | 67.8 | 57.1 |
| October | 69.8 | 53.3 | 56.0 | 68.5 | W | 52.2 | 69.5 | 53.3 | 54.4 | 69.6 | 65.6 | 57.2 |
| November | 68.0 | 54.0 | 56.0 | 66.7 | W | 52.8 | 67.7 | 54.0 | 54.7 | 69.2 | NA | 55.9 |
| December | 65.3 | 51.0 | 52.4 | 64.0 | W | 48.9 | 65.0 | 50.9 | 51.0 | 66.6 | 62.1 | 53.6 |
| **1988 Average** | **68.3** | **55.2** | **57.1** | **67.1** | W | **53.8** | **68.1** | **55.1** | **55.8** | **69.9** | **68.1** | **57.6** |
| **Missouri** | | | | | | | | | | | | |
| January | 63.4 | 48.7 | 50.8 | 60.2 | W | 45.6 | 62.0 | 48.6 | 49.2 | 65.3 | 55.7 | 49.5 |
| February | 62.3 | 49.0 | 51.9 | 58.7 | W | 47.5 | 60.8 | 48.9 | 50.6 | 62.0 | 56.5 | 50.3 |
| March | 60.5 | 51.8 | 51.8 | 57.6 | W | 48.0 | 59.2 | 51.7 | 50.5 | 61.0 | 60.3 | 52.0 |
| April | 63.9 | 53.0 | 56.7 | 61.5 | W | 53.9 | 62.9 | 48.8 | 55.8 | 64.3 | 65.5 | 57.0 |
| May | 66.1 | 57.8 | 57.6 | 64.1 | W | 54.1 | 65.2 | 57.7 | 56.3 | 65.3 | 66.9 | 56.8 |
| June | 64.4 | 57.2 | 55.9 | 62.2 | W | 52.5 | 63.5 | 56.8 | 54.6 | 64.3 | 63.7 | 56.6 |
| July | 66.8 | 57.4 | 59.8 | 64.7 | W | 56.9 | 65.9 | 57.1 | 58.7 | 66.7 | 66.2 | 61.2 |
| August | 67.6 | 61.4 | 58.8 | 65.3 | W | 54.5 | 66.6 | 60.8 | 57.2 | 67.4 | 67.7 | 57.9 |
| September | 64.0 | 56.4 | 53.9 | 60.7 | W | 49.7 | 62.5 | 55.6 | 52.5 | 62.6 | 65.4 | 53.6 |
| October | 63.0 | 52.6 | 53.0 | 59.9 | W | 49.6 | 61.6 | 52.1 | 51.8 | 61.7 | 66.0 | 53.9 |
| November | 62.4 | 54.0 | 54.8 | 60.1 | W | 51.8 | 61.4 | 53.8 | 53.8 | 61.5 | 64.1 | 54.5 |
| December | 59.9 | 53.0 | 50.4 | 57.4 | W | 46.4 | 58.7 | 51.9 | 49.1 | 60.6 | 64.8 | 51.3 |
| **1988 Average** | **63.7** | **54.1** | **54.7** | **61.0** | **49.3** | **51.2** | **62.5** | **53.2** | **53.5** | **63.6** | **63.1** | **55.0** |

See footnotes at end of table.

# Table 31. Refiner/Reseller Unleaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Nebraska** | | | | | | | | | | | | |
| January | W | 47.7 | 48.4 | 55.0 | - | 46.5 | 55.7 | 47.7 | 47.4 | 64.4 | 61.3 | 50.1 |
| February | W | 49.7 | 50.5 | 57.4 | W | 48.3 | 58.9 | 49.0 | 49.3 | 63.3 | 61.1 | 51.6 |
| March | W | 49.9 | 51.1 | 57.0 | W | 49.2 | 58.5 | 49.9 | 50.1 | 64.8 | 61.1 | 52.1 |
| April | W | 54.5 | 56.7 | 62.1 | W | 54.8 | 63.8 | 54.6 | 55.7 | 66.9 | 61.4 | 57.4 |
| May | W | 56.5 | 57.4 | 63.9 | W | 55.3 | 65.3 | 56.5 | 56.3 | 66.8 | 61.3 | 57.3 |
| June | W | W | 55.8 | 62.2 | W | 53.6 | 64.0 | 53.0 | 54.6 | 66.5 | 61.5 | 58.5 |
| July | W | W | 60.2 | 64.4 | W | 58.8 | 66.0 | W | 59.5 | 70.3 | 65.9 | 62.3 |
| August | W | 57.8 | 59.0 | 66.4 | W | 56.5 | 68.3 | 57.7 | 57.8 | 69.8 | 64.7 | 59.2 |
| September | W | W | 52.9 | 62.2 | W | 50.7 | 64.3 | 51.4 | 51.8 | 70.4 | 63.0 | 56.2 |
| October | W | W | 52.0 | 59.1 | W | 50.0 | 61.3 | 52.2 | 50.9 | 68.0 | 61.8 | 55.1 |
| November | W | 53.1 | 54.1 | 60.6 | W | 52.0 | 62.4 | 53.0 | 53.0 | 66.9 | 62.3 | 55.6 |
| December | W | 50.1 | 49.7 | 58.9 | W | 47.4 | 60.4 | 50.0 | 48.5 | 65.2 | 59.8 | 52.8 |
| **1988 Average** | W | **53.2** | **54.2** | **60.9** | W | **52.0** | **62.5** | **53.1** | **53.0** | **67.2** | **62.4** | **56.0** |
| **North Dakota** | | | | | | | | | | | | |
| January | 68.5 | 50.9 | 51.6 | W | - | 49.6 | 67.7 | 50.9 | 50.6 | 66.9 | 66.3 | 51.3 |
| February | 71.1 | 51.7 | 52.2 | W | - | 50.4 | 70.3 | 51.7 | 51.2 | 65.7 | 65.7 | 52.7 |
| March | 70.9 | 51.8 | 53.1 | W | - | 52.0 | 70.0 | 51.8 | 52.6 | 66.5 | 66.2 | 54.5 |
| April | 74.5 | 56.9 | 58.1 | W | - | 57.6 | 73.5 | 56.9 | 57.9 | 69.1 | 70.2 | 59.6 |
| May | 78.9 | 58.8 | 60.4 | W | - | 57.9 | 77.7 | 58.8 | 59.2 | 72.7 | 71.3 | 58.3 |
| June | 79.5 | 57.6 | 59.0 | W | - | 56.8 | 78.6 | 57.6 | 57.9 | 73.5 | 71.2 | 56.6 |
| July | 79.3 | 59.6 | 63.2 | W | - | 60.6 | 78.1 | 59.6 | 61.9 | 72.7 | 73.5 | 64.2 |
| August | 83.8 | 62.8 | 63.6 | W | - | 61.2 | 81.8 | 62.8 | 62.5 | 74.8 | 75.6 | 58.7 |
| September | 82.0 | 56.1 | 58.5 | W | - | 55.3 | 80.4 | 56.1 | 56.9 | 71.2 | 71.0 | 56.0 |
| October | 75.0 | 54.7 | 55.7 | W | - | 53.8 | 74.2 | 54.7 | 54.8 | 68.9 | 69.4 | 56.4 |
| November | 74.9 | 55.3 | 56.3 | W | - | 54.6 | 73.7 | 55.3 | 55.5 | 71.3 | 67.6 | 56.2 |
| December | 77.4 | 51.9 | 53.8 | W | - | 50.5 | 76.1 | 51.9 | 52.0 | 69.4 | 68.8 | 52.9 |
| **1988 Average** | **76.2** | **56.1** | **57.4** | **66.5** | - | **55.0** | **75.2** | **56.1** | **56.2** | **70.4** | **69.8** | **56.7** |
| **Ohio** | | | | | | | | | | | | |
| January | 61.1 | 54.0 | 49.3 | W | W | 46.9 | 60.5 | 53.9 | 49.1 | 59.7 | 58.2 | 53.5 |
| February | 59.8 | 54.8 | 50.9 | W | W | 48.7 | 59.2 | 54.7 | 50.7 | 55.3 | 60.0 | 53.6 |
| March | 60.8 | 56.3 | 51.4 | W | W | 49.2 | 60.2 | 56.2 | 51.2 | 57.3 | 60.4 | 53.1 |
| April | 66.3 | 61.1 | 57.1 | W | W | 55.3 | 65.8 | 61.1 | 56.9 | 63.0 | 64.8 | 58.3 |
| May | 69.4 | 64.4 | 58.4 | W | W | 55.4 | 68.9 | 64.2 | 58.1 | 61.8 | 66.4 | 60.1 |
| June | 66.8 | 62.1 | 56.0 | W | W | 53.3 | 66.2 | 61.9 | 55.7 | 59.6 | 65.1 | 57.1 |
| July | 68.9 | 64.9 | 60.9 | W | W | 59.6 | 68.4 | 64.9 | 60.7 | 70.3 | 68.6 | 62.7 |
| August | 72.0 | 66.3 | 58.6 | W | W | 56.5 | 71.5 | 65.9 | 58.4 | NA | 65.9 | 60.9 |
| September | 68.8 | 59.6 | 53.8 | W | W | 49.7 | 68.2 | 59.4 | 53.5 | 67.3 | 62.0 | 56.4 |
| October | 65.7 | 59.8 | 54.4 | W | W | 51.3 | 65.1 | 59.7 | 54.1 | 65.4 | 61.2 | 57.0 |
| November | 66.5 | 62.2 | 56.1 | W | W | 54.1 | 66.0 | 61.7 | 56.0 | 66.9 | 63.3 | 59.4 |
| December | 63.8 | 58.0 | 51.2 | W | W | 47.3 | 63.1 | 57.5 | 50.8 | 63.7 | 58.9 | 55.0 |
| **1988 Average** | **66.0** | **60.5** | **54.9** | W | W | **52.3** | **65.5** | **60.3** | **54.6** | **63.0** | **62.8** | **57.5** |
| **Oklahoma** | | | | | | | | | | | | |
| January | 56.4 | 45.4 | 45.3 | 57.8 | 45.9 | 44.9 | 56.8 | 45.4 | 45.1 | 63.1 | 57.5 | 49.0 |
| February | 58.0 | 46.9 | 46.8 | 56.4 | 48.5 | 46.3 | 57.6 | 47.0 | 46.6 | 61.6 | 58.4 | 49.5 |
| March | 58.2 | 47.4 | 47.3 | 57.7 | W | 47.2 | 58.1 | 47.1 | 47.3 | 61.9 | 59.3 | 51.3 |
| April | 64.9 | 50.1 | 53.1 | 63.0 | 53.3 | 52.7 | 64.3 | 50.2 | 52.9 | 66.1 | 63.9 | 54.1 |
| May | 67.4 | 54.2 | 54.1 | 66.9 | 54.6 | 53.5 | 67.2 | 54.2 | 53.8 | 68.2 | 64.2 | 55.8 |
| June | 64.9 | 52.7 | 52.5 | 64.7 | 52.2 | 52.2 | 64.8 | 52.7 | 52.4 | 68.9 | 64.9 | 55.2 |
| July | 68.1 | 57.8 | 56.9 | 66.5 | 58.1 | 55.9 | 67.6 | 57.8 | 56.5 | 69.7 | 67.5 | 55.2 |
| August | 68.9 | 56.8 | 55.1 | 68.7 | W | 54.3 | 68.8 | 54.6 | 54.7 | 70.4 | 66.9 | 55.2 |
| September | 63.6 | 50.6 | 49.7 | 63.9 | 47.1 | 49.3 | 63.7 | 49.6 | 49.5 | 69.3 | 64.5 | 51.8 |
| October | 60.4 | 49.4 | 48.4 | 59.4 | 49.1 | 47.9 | 60.1 | 49.4 | 48.2 | 66.7 | 58.2 | 51.5 |
| November | 61.6 | 51.7 | 50.0 | 60.6 | 51.1 | 50.0 | 61.3 | 51.6 | 50.0 | 66.4 | 58.5 | 54.0 |
| December | 59.0 | 47.2 | 46.1 | 59.1 | 46.8 | 45.6 | 59.0 | 47.2 | 45.9 | 65.8 | 61.1 | 50.4 |
| **1988 Average** | **62.7** | **51.3** | **50.5** | **62.1** | **50.1** | **50.2** | **62.5** | **51.1** | **50.4** | **66.6** | **62.5** | **53.1** |

See footnotes at end of table.

# Table 31. Refiner/Reseller Unleaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **South Dakota** | | | | | | | | | | | | |
| January | W | 49.8 | 49.6 | W | W | 47.5 | W | 49.6 | 48.5 | 64.7 | 63.4 | 52.6 |
| February | W | W | 50.5 | W | W | 48.6 | W | 50.7 | 49.5 | 62.6 | 64.1 | 51.8 |
| March | W | W | 51.4 | W | W | 49.9 | W | 52.5 | 50.7 | 63.9 | 65.1 | 54.3 |
| April | W | W | 56.7 | W | W | 55.2 | W | 57.3 | 55.9 | 66.9 | 67.3 | 58.5 |
| May | W | W | 58.7 | W | - | 57.1 | W | W | 58.0 | 67.7 | 69.0 | 60.2 |
| June | W | 57.8 | 58.0 | W | W | 55.4 | W | 57.6 | 56.7 | 68.6 | 67.9 | 59.1 |
| July | W | 59.1 | 61.2 | W | W | 59.8 | W | 59.0 | 60.5 | 71.3 | 70.6 | 61.6 |
| August | W | 62.2 | 62.0 | W | W | 59.7 | W | 62.1 | 61.0 | 71.1 | 69.7 | 62.9 |
| September | W | 57.6 | 57.4 | W | W | 54.2 | W | 57.4 | 56.0 | 70.3 | 70.4 | 59.3 |
| October | W | W | 54.7 | W | W | 52.6 | 69.7 | 53.8 | 53.7 | 68.6 | 69.2 | 57.3 |
| November | W | W | 55.0 | W | W | 53.5 | 67.6 | 54.1 | 54.3 | 67.7 | 68.5 | 56.5 |
| December | W | 51.7 | 52.0 | W | - | 49.5 | 67.6 | 51.7 | 50.7 | 66.4 | 68.9 | 55.4 |
| **1988 Average** | **W** | **55.5** | **56.1** | **W** | **W** | **53.7** | **67.5** | **55.4** | **54.9** | **67.9** | **68.3** | **58.3** |
| **Tennessee** | | | | | | | | | | | | |
| January | 59.5 | 47.5 | 47.6 | 60.6 | W | 45.3 | 59.9 | 47.3 | 47.1 | 59.9 | 53.5 | 57.3 |
| February | 57.5 | 48.5 | 49.1 | 61.3 | W | 47.2 | 58.6 | 48.4 | 48.7 | 58.6 | 54.3 | 56.9 |
| March | 56.6 | 49.3 | 49.5 | 59.9 | 48.3 | 47.4 | 57.6 | 48.9 | 49.0 | 58.5 | 56.5 | 56.4 |
| April | 60.9 | 54.2 | 54.9 | 63.5 | W | 53.5 | 61.7 | 54.1 | 54.6 | 65.1 | 60.4 | 62.4 |
| May | 63.3 | 55.9 | 55.6 | 66.9 | W | 53.5 | 64.3 | 55.8 | 55.1 | 65.8 | 60.1 | 62.5 |
| June | 62.8 | 55.0 | 54.4 | 66.3 | W | 51.6 | 63.8 | 54.1 | 53.8 | 67.1 | 61.8 | 63.0 |
| July | 66.3 | 58.1 | 58.8 | 67.7 | 55.1 | 57.3 | 66.7 | 57.3 | 58.5 | 70.2 | 66.9 | 66.1 |
| August | 68.5 | 56.1 | 55.3 | 71.1 | W | 52.4 | 69.2 | 55.8 | 54.6 | 71.1 | 61.8 | 61.9 |
| September | 66.4 | 51.1 | 51.0 | 69.5 | W | 47.8 | 67.3 | 50.8 | 50.3 | 68.9 | 60.6 | 54.6 |
| October | 64.4 | 52.4 | 52.2 | 66.6 | W | 50.0 | 65.0 | 51.9 | 51.7 | 65.8 | 59.9 | 54.0 |
| November | 63.1 | 54.8 | 54.5 | 66.1 | W | 51.4 | 64.0 | 54.5 | 53.7 | 64.9 | 60.9 | 54.5 |
| December | 62.7 | 50.3 | 50.2 | 65.2 | W | 46.7 | 63.4 | 49.7 | 49.4 | 64.2 | 60.8 | 52.7 |
| **1988 Average** | **62.8** | **52.9** | **52.9** | **65.4** | **50.4** | **50.5** | **63.5** | **52.2** | **52.3** | **65.6** | **59.8** | **59.6** |
| **Wisconsin** | | | | | | | | | | | | |
| January | 57.6 | 51.5 | 49.7 | W | W | 48.1 | 57.4 | 50.6 | 49.2 | 62.9 | 58.5 | 51.6 |
| February | 57.7 | 51.8 | 51.1 | W | W | 49.3 | 57.4 | 51.3 | 50.5 | 62.8 | 58.2 | 53.9 |
| March | 56.0 | 50.0 | 51.1 | W | W | 49.7 | 55.6 | 50.1 | 50.6 | 60.8 | 56.5 | 54.4 |
| April | 62.5 | 57.0 | 57.0 | W | W | 55.7 | 62.0 | 56.9 | 56.6 | 66.7 | 60.4 | 58.0 |
| May | 63.9 | 57.0 | 57.1 | W | W | 55.5 | 63.6 | 56.8 | 56.6 | 66.5 | 61.4 | 57.7 |
| June | 62.2 | 54.6 | 55.1 | W | W | 53.6 | 61.7 | 54.5 | 54.6 | 66.5 | 59.5 | 55.5 |
| July | 67.3 | 60.0 | 61.7 | W | W | 61.2 | 66.8 | 59.7 | 61.6 | 70.2 | 68.4 | 64.2 |
| August | 70.0 | 61.7 | 61.7 | W | W | 59.6 | 69.6 | 61.3 | 61.0 | 71.6 | 67.7 | 63.5 |
| September | 66.1 | 54.5 | 54.3 | W | W | 51.8 | 65.8 | 54.1 | 53.5 | 66.1 | 66.7 | 57.6 |
| October | 62.8 | 54.2 | 53.5 | W | W | 52.6 | 62.5 | 53.6 | 53.2 | 64.1 | 65.9 | 56.4 |
| November | 64.7 | 57.2 | 56.3 | W | W | 54.0 | 64.4 | 56.5 | 55.5 | 64.7 | 66.4 | 55.3 |
| December | 60.5 | 51.0 | 49.9 | W | W | 47.6 | 60.3 | 50.8 | 49.1 | 61.7 | 64.9 | 54.2 |
| **1988 Average** | **62.7** | **55.2** | **55.1** | **W** | **W** | **53.3** | **62.4** | **55.0** | **54.5** | **65.6** | **62.7** | **57.2** |
| **PAD District III Average** | | | | | | | | | | | | |
| January | 63.9 | 50.2 | 47.8 | 61.7 | 45.9 | 44.4 | 63.3 | 49.1 | 46.2 | 64.8 | 58.1 | 49.0 |
| February | 61.9 | 45.6 | 48.4 | 59.4 | 45.4 | 45.5 | 61.2 | 45.5 | 47.1 | 63.7 | 57.6 | 51.0 |
| March | 60.3 | 48.8 | 48.6 | 58.0 | 45.3 | 46.2 | 59.7 | 48.1 | 47.6 | 62.9 | 58.6 | 51.2 |
| April | 62.1 | 50.4 | 53.0 | 60.4 | 48.1 | 50.0 | 61.6 | 49.3 | 51.7 | 65.7 | 62.2 | 52.4 |
| May | 64.3 | 52.0 | 54.5 | 62.8 | 53.1 | 52.0 | 63.9 | 52.1 | 53.5 | 67.9 | 63.6 | 55.7 |
| June | 64.5 | 53.1 | 53.2 | 62.4 | 50.6 | 52.1 | 63.9 | 52.6 | 52.7 | 67.7 | 63.9 | 55.2 |
| July | 66.4 | 54.6 | 56.4 | 64.5 | 51.9 | 54.5 | 65.8 | 53.0 | 55.6 | 69.8 | 67.1 | 57.2 |
| August | 68.8 | 53.1 | 54.3 | 67.7 | 50.5 | 51.8 | 68.5 | 52.3 | 53.2 | 70.6 | 66.5 | 55.8 |
| September | 67.8 | 50.5 | 51.2 | 65.7 | 46.4 | 47.7 | 67.2 | 48.5 | 49.6 | 69.3 | 61.9 | 51.9 |
| October | 66.3 | 51.3 | 51.1 | 63.1 | 44.2 | 47.2 | 65.4 | 47.1 | 49.2 | 67.9 | 61.4 | 50.4 |
| November | 65.3 | 54.4 | 52.7 | 62.1 | 47.6 | 49.2 | 64.5 | 50.5 | 51.0 | 66.3 | 62.6 | 52.3 |
| December | 64.4 | 51.4 | 48.6 | 61.0 | 44.9 | 45.7 | 63.5 | 48.9 | 47.3 | 65.4 | 58.9 | 49.7 |
| **1988 Average** | **64.7** | **51.3** | **51.8** | **62.4** | **47.6** | **48.9** | **64.1** | **49.8** | **50.5** | **66.9** | **61.9** | **52.8** |

See footnotes at end of table.

# Table 31. Refiner/Reseller Unleaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Alabama** | | | | | | | | | | | | |
| January | 62.6 | 48.3 | 46.9 | 67.7 | W | 44.6 | 64.6 | 47.7 | 46.4 | 63.4 | 63.5 | 57.8 |
| February | 59.8 | 50.1 | 48.7 | 64.9 | W | 46.8 | 61.7 | 49.9 | 48.2 | 62.7 | 63.8 | 57.2 |
| March | 59.2 | 51.6 | 49.3 | 64.5 | W | 47.3 | 61.2 | 51.3 | 48.7 | 62.0 | 62.0 | 57.7 |
| April | 62.2 | 55.8 | 55.1 | 69.4 | W | 52.1 | 64.9 | 55.3 | 54.1 | 65.9 | 65.9 | 62.1 |
| May | 65.1 | 56.4 | 55.3 | 71.1 | W | 52.5 | 67.3 | 56.3 | 54.4 | 68.0 | 66.7 | 62.9 |
| June | 64.6 | 56.2 | 53.9 | 69.0 | W | 51.2 | 66.2 | 56.1 | 52.9 | 68.2 | 68.1 | 65.2 |
| July | 67.1 | 59.1 | 58.4 | 74.3 | W | 55.3 | 69.7 | 59.1 | 56.9 | 69.8 | 67.9 | 65.9 |
| August | 69.0 | 55.1 | 54.2 | 72.1 | W | 51.2 | 70.1 | 54.9 | 53.2 | 69.6 | 67.7 | 63.7 |
| September | 67.0 | 51.0 | 50.1 | 68.8 | W | 46.5 | 67.7 | 50.9 | 48.7 | 68.5 | 61.3 | 56.9 |
| October | 65.0 | 51.9 | 51.5 | 67.0 | 50.2 | 47.8 | 65.7 | 51.7 | 50.0 | 66.5 | 61.1 | 58.6 |
| November | 63.8 | 55.1 | 53.6 | 66.1 | 52.8 | 50.5 | 64.6 | 55.0 | 52.2 | 64.8 | 61.9 | 61.3 |
| December | 64.6 | 49.9 | 48.9 | 64.7 | 48.2 | 45.6 | 64.6 | 49.7 | 47.3 | 66.5 | 60.3 | 59.6 |
| **1988 Average** | **64.3** | **53.7** | **52.2** | **68.4** | **49.8** | **49.5** | **65.8** | **53.5** | **51.2** | **66.4** | **64.5** | **60.6** |
| **Arkansas** | | | | | | | | | | | | |
| January | 63.0 | 46.7 | 46.9 | W | W | 45.4 | 63.0 | 48.0 | 46.3 | 59.7 | 57.7 | 51.8 |
| February | 60.8 | 48.0 | 48.3 | W | W | 47.2 | 59.0 | 50.0 | 47.9 | 60.2 | 59.5 | 52.2 |
| March | 61.4 | 48.6 | 48.9 | W | 52.3 | 47.5 | 59.5 | 50.8 | 48.3 | 62.4 | 62.4 | 54.3 |
| April | 65.6 | 55.0 | 54.2 | W | W | 53.2 | 63.8 | 55.8 | 53.9 | 65.2 | 66.8 | 58.9 |
| May | 68.0 | 56.6 | 55.4 | W | W | 53.8 | 66.2 | 57.1 | 54.8 | 65.8 | 64.2 | 58.6 |
| June | 66.5 | 55.3 | 53.8 | W | W | 51.8 | 64.4 | 56.0 | 53.0 | 66.7 | 61.5 | 58.3 |
| July | 69.3 | 58.9 | 58.4 | W | W | 56.9 | 66.8 | 58.2 | 57.8 | 67.9 | 65.8 | 61.9 |
| August | 71.8 | 56.8 | 56.3 | W | W | 53.9 | 69.8 | 57.7 | 55.3 | 68.0 | 65.8 | 58.9 |
| September | 70.9 | 52.7 | 51.5 | W | W | 49.1 | 68.5 | 53.3 | 50.6 | 64.2 | 64.3 | 55.3 |
| October | 68.2 | 52.8 | 51.6 | W | 52.2 | 49.2 | 65.5 | 52.6 | 50.7 | 62.4 | 65.1 | 53.1 |
| November | 67.8 | 54.4 | 53.8 | W | W | 50.8 | 65.4 | 55.5 | 52.4 | 62.0 | 64.6 | 54.4 |
| December | 67.1 | 50.6 | 49.1 | W | W | 46.4 | 64.4 | 52.1 | 48.0 | 58.8 | 61.0 | 54.0 |
| **1988 Average** | **66.7** | **53.9** | **52.6** | W | **55.1** | **50.5** | **64.8** | **54.4** | **51.7** | **63.8** | **63.4** | **56.0** |
| **Louisiana** | | | | | | | | | | | | |
| January | 61.3 | 47.1 | 47.5 | 57.6 | 48.8 | 44.7 | 60.2 | 47.5 | 46.2 | 63.5 | 64.3 | 51.9 |
| February | 59.2 | 47.2 | 47.4 | 57.1 | W | 45.5 | 58.6 | 49.1 | 46.7 | 62.5 | 58.8 | 51.9 |
| March | 57.5 | 48.3 | 47.7 | 55.0 | W | 45.5 | 56.8 | 44.3 | 46.7 | 61.9 | 59.7 | 51.9 |
| April | 58.9 | 53.2 | 51.1 | 58.0 | W | 51.6 | 58.6 | 54.3 | 51.3 | 64.6 | 62.7 | 51.4 |
| May | 61.5 | 54.9 | 55.0 | 60.5 | W | 51.6 | 61.3 | 55.3 | 53.4 | 66.7 | NA | 57.5 |
| June | 61.7 | 53.4 | 53.2 | 59.9 | 55.7 | 50.5 | 61.1 | 54.0 | 51.9 | 66.5 | 64.6 | 57.7 |
| July | 64.2 | 56.6 | 55.3 | 61.9 | 51.7 | 53.4 | 63.5 | 52.9 | 54.5 | 69.0 | 67.0 | 58.7 |
| August | 67.1 | 53.8 | 53.6 | 66.2 | W | 51.3 | 66.8 | 51.0 | 52.8 | 70.5 | 65.8 | 59.7 |
| September | 66.1 | 50.1 | 50.5 | 64.8 | 50.5 | 48.1 | 65.7 | 50.4 | 49.6 | 68.1 | 61.0 | 55.0 |
| October | 66.1 | 49.4 | 51.8 | 62.2 | W | 48.0 | 65.3 | 50.8 | 50.3 | 67.9 | 55.8 | 59.1 |
| November | 65.5 | 52.3 | 53.9 | 62.0 | W | 48.6 | 64.9 | 53.1 | 51.6 | 66.2 | 57.8 | 55.9 |
| December | 64.4 | 47.7 | 48.3 | 62.0 | 52.6 | 45.3 | 64.0 | 48.3 | 47.3 | 67.0 | 54.7 | 51.8 |
| **1988 Average** | **62.6** | **51.5** | **51.4** | **60.3** | **49.3** | **48.9** | **62.0** | **50.1** | **50.4** | **66.6** | **61.5** | **55.2** |
| **Mississippi** | | | | | | | | | | | | |
| January | 62.3 | W | 45.5 | 62.2 | W | 43.7 | 62.2 | 47.3 | 44.9 | 66.9 | 60.9 | 53.3 |
| February | 60.1 | W | 46.4 | 60.9 | W | 45.9 | 60.5 | 43.1 | 46.3 | 66.2 | 61.9 | 55.5 |
| March | 57.8 | W | 47.5 | 58.8 | 48.1 | 45.7 | 58.3 | W | 47.0 | 68.0 | 65.1 | 54.3 |
| April | 60.6 | W | 52.4 | 62.4 | W | 48.9 | 61.4 | W | 51.5 | 69.9 | 64.6 | 53.7 |
| May | 62.4 | W | 53.5 | 63.6 | W | 52.5 | 62.9 | W | 53.3 | 70.2 | 66.7 | 58.4 |
| June | 61.8 | W | 51.1 | 62.3 | W | 50.7 | 62.1 | 51.9 | 51.1 | 69.1 | 65.0 | 57.5 |
| July | 64.2 | W | 56.0 | 64.4 | W | 53.7 | 64.3 | W | 55.4 | 71.3 | 68.6 | 59.8 |
| August | 69.0 | 54.5 | 53.1 | 68.5 | W | 50.7 | 68.8 | 54.5 | 52.4 | 73.0 | 66.5 | 59.0 |
| September | 66.0 | W | 49.1 | 65.7 | W | 47.1 | 65.9 | 48.1 | 48.6 | 70.5 | 68.0 | 54.1 |
| October | 62.1 | 52.0 | 50.3 | 62.5 | W | 47.5 | 62.2 | 51.7 | 49.5 | 69.6 | 68.0 | 52.6 |
| November | 62.2 | 54.2 | 51.9 | 62.3 | W | 49.6 | 62.2 | 54.0 | 51.1 | 68.2 | 71.6 | 53.5 |
| December | 60.6 | 49.1 | 46.4 | 60.4 | W | 45.7 | 60.5 | 49.0 | 46.2 | 67.6 | 68.7 | 52.9 |
| **1988 Average** | **62.5** | W | **50.1** | **63.1** | **47.6** | **48.4** | **62.8** | **49.8** | **49.7** | **69.2** | **66.6** | **55.2** |

See footnotes at end of table.

# Table 31. Refiner/Reseller Unleaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **New Mexico** | | | | | | | | | | | | |
| January | 71.2 | 57.1 | 54.3 | 71.1 | W | 52.2 | 71.2 | 56.2 | 53.2 | 71.7 | 66.2 | 64.3 |
| February | 67.0 | W | 53.5 | 67.2 | W | 51.8 | 67.0 | 55.4 | 52.6 | 69.3 | 62.6 | 62.6 |
| March | 64.5 | W | 54.5 | 64.3 | W | 53.1 | 64.4 | 56.4 | 53.8 | 68.5 | 65.7 | 62.6 |
| April | 66.5 | W | 57.6 | 65.5 | W | 56.3 | 66.0 | 59.1 | 57.0 | 70.1 | 69.2 | 64.4 |
| May | 69.1 | W | 59.3 | 68.7 | W | 57.7 | 68.9 | 60.4 | 58.5 | 71.6 | 69.0 | 65.8 |
| June | 69.4 | W | 60.1 | 68.7 | W | 58.4 | 69.1 | 62.3 | 59.3 | 72.6 | 69.4 | 66.4 |
| July | 70.9 | W | 61.3 | 69.9 | W | 60.1 | 70.5 | 64.1 | 60.7 | 73.1 | 71.6 | 67.3 |
| August | 75.0 | W | 62.6 | 75.1 | W | 61.6 | 75.1 | 64.6 | 62.0 | 74.7 | 72.6 | 68.0 |
| September | 75.1 | W | 61.9 | 75.0 | W | 60.3 | 75.0 | 64.0 | 61.0 | 76.3 | 74.2 | 72.1 |
| October | 74.5 | 60.0 | 56.4 | 71.1 | W | 54.8 | 73.1 | 58.9 | 55.5 | 75.7 | 67.4 | 72.4 |
| November | 70.9 | 58.8 | 55.8 | 68.3 | W | 54.7 | 69.8 | 57.9 | 55.2 | 75.5 | 68.6 | 70.0 |
| December | 70.6 | 57.9 | 55.3 | 65.9 | 55.9 | 53.4 | 68.7 | 57.4 | 54.3 | 73.2 | 70.5 | 69.6 |
| **1988 Average** | **70.4** | **60.5** | **57.8** | **69.1** | **57.7** | **56.3** | **69.9** | **59.7** | **57.0** | **72.7** | **68.8** | **66.9** |
| **Texas** | | | | | | | | | | | | |
| January | 64.4 | 50.3 | 48.2 | 61.4 | 44.6 | 44.0 | 63.6 | 49.4 | 45.9 | 64.5 | 53.4 | 47.0 |
| February | 62.6 | 47.3 | 48.7 | 58.9 | 45.0 | 44.9 | 61.6 | 45.5 | 46.7 | 63.4 | 56.0 | 49.4 |
| March | 61.0 | 50.3 | 48.5 | 57.5 | W | 45.7 | 60.1 | 49.8 | 47.2 | 62.0 | 56.4 | 49.7 |
| April | 62.5 | 53.8 | 52.7 | 59.4 | 47.8 | 49.2 | 61.6 | 48.7 | 51.0 | 64.8 | 60.5 | 51.0 |
| May | 64.6 | 56.8 | 54.1 | 61.7 | 52.2 | 51.4 | 63.9 | 54.7 | 53.0 | 67.6 | 62.2 | 54.0 |
| June | 64.9 | 54.7 | 53.0 | 61.8 | 50.1 | 52.3 | 64.1 | 52.6 | 52.7 | 67.2 | 62.7 | 53.5 |
| July | 66.5 | 57.6 | 55.8 | 63.6 | 51.8 | 54.1 | 65.8 | 52.9 | 55.0 | 69.5 | 66.5 | 55.6 |
| August | 68.8 | 52.4 | 54.0 | 66.9 | 48.9 | 51.1 | 68.3 | 51.8 | 52.7 | 70.2 | 66.2 | 53.6 |
| September | 68.0 | 53.1 | 51.3 | 65.0 | 45.2 | 46.9 | 67.2 | 47.4 | 49.1 | 69.0 | 60.7 | 49.3 |
| October | 66.2 | 50.9 | 50.7 | 62.4 | 43.9 | 46.4 | 65.2 | 46.3 | 48.5 | 67.2 | 62.8 | 47.9 |
| November | 65.3 | 54.4 | 52.1 | 61.3 | 46.9 | 48.6 | 64.2 | 49.2 | 50.3 | 65.1 | 62.5 | 50.1 |
| December | 64.3 | 52.2 | 48.8 | 60.4 | 44.0 | 45.3 | 63.2 | 48.3 | 47.0 | 63.7 | 58.1 | 47.1 |
| **1988 Average** | **65.0** | **52.2** | **51.7** | **61.7** | **47.0** | **48.3** | **64.1** | **49.2** | **50.0** | **66.2** | **60.5** | **50.9** |
| **PAD District IV Average** | | | | | | | | | | | | |
| January | 63.5 | 53.1 | 52.7 | 60.7 | W | 50.5 | 62.4 | 52.9 | 51.6 | 68.4 | 66.5 | 59.5 |
| February | 61.1 | 51.5 | 50.9 | 58.6 | W | 49.5 | 60.1 | 51.0 | 50.2 | 65.8 | 64.9 | 58.5 |
| March | 59.9 | 51.2 | 50.9 | 57.9 | W | 49.9 | 59.2 | 50.6 | 50.4 | 64.5 | 65.9 | 57.8 |
| April | 64.2 | 55.6 | 55.4 | 63.9 | W | 55.3 | 64.1 | 55.1 | 55.4 | 66.8 | 66.9 | 59.9 |
| May | 68.2 | 57.2 | 58.0 | 68.3 | W | 56.3 | 68.2 | 57.0 | 57.2 | 69.2 | 67.6 | 61.9 |
| June | 68.0 | 56.0 | 57.4 | 66.2 | W | 56.0 | 67.3 | 56.1 | 56.8 | 69.7 | 68.0 | 62.2 |
| July | 67.9 | 57.7 | 59.3 | 67.2 | W | 58.6 | 67.7 | 57.8 | 59.0 | 71.7 | 71.5 | 65.2 |
| August | 71.3 | 62.5 | 62.8 | 70.2 | W | 61.4 | 70.9 | 62.7 | 62.2 | 73.8 | 72.5 | 66.7 |
| September | 69.1 | 59.4 | 61.5 | 66.5 | W | 60.0 | 68.2 | 60.1 | 60.8 | 73.0 | 71.4 | 64.7 |
| October | 68.2 | 57.4 | 58.5 | 66.5 | W | 56.6 | 67.5 | 57.6 | 57.6 | 70.9 | 70.0 | 62.1 |
| November | 63.0 | 54.7 | 53.3 | 62.5 | W | 50.7 | 62.8 | 54.6 | 52.0 | 67.9 | 67.9 | 58.7 |
| December | 59.4 | 48.6 | 50.0 | 58.9 | W | 48.2 | 59.2 | 48.9 | 49.2 | 65.5 | 66.7 | 56.0 |
| **1988 Average** | **65.4** | **55.7** | **56.2** | **64.0** | **55.1** | **54.6** | **64.8** | **55.6** | **55.5** | **69.2** | **68.3** | **61.6** |
| **Colorado** | | | | | | | | | | | | |
| January | 60.4 | 51.1 | 51.8 | 59.9 | W | 49.3 | 60.2 | 51.0 | 50.7 | 65.8 | 68.1 | 58.2 |
| February | 58.4 | 51.5 | 51.6 | 57.9 | W | 49.6 | 58.2 | 51.4 | 50.7 | 63.9 | 68.2 | 59.3 |
| March | 58.3 | 51.0 | 51.5 | 57.4 | W | 49.6 | 57.9 | 50.9 | 50.6 | 63.4 | 70.4 | 57.5 |
| April | 64.9 | 55.7 | 56.8 | 64.0 | W | 55.5 | 64.5 | 55.6 | 56.2 | 66.7 | 69.4 | 61.4 |
| May | 68.7 | 56.8 | 58.5 | 68.4 | W | 55.5 | 68.6 | 56.7 | 57.1 | 69.1 | 69.7 | 64.0 |
| June | 66.6 | 54.7 | 56.5 | 65.8 | W | 54.4 | 66.2 | 54.7 | 55.6 | 68.6 | 68.5 | 62.9 |
| July | 67.1 | 56.8 | 59.3 | 67.0 | - | 58.7 | 67.0 | 56.8 | 59.0 | 71.5 | 74.5 | 66.0 |
| August | 70.0 | 61.3 | 61.4 | 69.9 | W | 58.9 | 69.9 | 61.3 | 60.2 | 72.6 | 73.7 | 67.8 |
| September | 65.9 | 57.4 | 58.5 | 65.7 | W | 57.2 | 65.8 | 57.4 | 57.9 | 69.8 | 71.4 | 63.2 |
| October | 66.7 | 56.2 | 57.8 | 66.0 | - | 55.6 | 66.4 | 56.2 | 56.8 | 68.5 | 70.0 | 60.6 |
| November | 62.0 | 52.9 | 52.1 | 62.0 | W | 48.4 | 62.0 | 53.0 | 50.3 | 66.9 | 67.7 | 57.2 |
| December | 58.6 | 46.8 | 48.8 | 58.5 | W | 46.9 | 58.6 | 46.8 | 47.9 | 64.2 | 66.7 | 54.3 |
| **1988 Average** | **64.0** | **54.8** | **55.5** | **63.5** | W | **53.5** | **63.8** | **54.8** | **54.6** | **67.8** | **70.0** | **61.9** |

See footnotes at end of table.

# Table 31. Refiner/Reseller Unleaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Idaho** | | | | | | | | | | | | |
| January | W | 56.7 | 55.6 | W | - | 53.6 | 71.2 | 56.7 | 54.7 | 72.1 | 63.4 | 60.9 |
| February | W | 52.7 | 52.0 | 64.8 | - | 51.4 | 66.2 | 52.7 | 51.7 | 67.9 | 60.3 | 56.9 |
| March | W | 51.7 | 51.1 | 62.7 | - | 51.2 | 63.7 | 51.7 | 51.2 | 64.3 | 60.2 | 56.8 |
| April | W | 56.0 | 54.9 | 63.1 | - | 56.7 | 64.3 | 56.0 | 55.7 | 66.9 | 63.6 | 58.8 |
| May | W | 58.8 | 58.6 | 65.5 | - | 58.2 | 66.7 | 58.8 | 58.4 | 69.6 | 66.7 | 62.1 |
| June | W | 60.3 | 59.5 | W | - | 58.6 | 69.4 | 60.3 | 59.1 | 70.4 | 67.4 | 62.7 |
| July | W | 61.5 | 59.9 | 68.4 | - | 59.7 | 69.3 | 61.5 | 59.8 | 71.0 | 68.7 | 64.4 |
| August | W | 66.4 | 64.0 | 71.1 | - | 64.3 | 71.7 | 66.4 | 64.1 | 74.0 | 71.9 | 68.0 |
| September | W | 64.7 | 63.8 | 72.0 | - | 62.9 | 73.6 | 64.7 | 63.4 | 75.0 | 69.3 | 64.3 |
| October | W | 61.7 | 59.2 | 71.2 | - | 58.1 | 71.8 | 61.7 | 58.8 | 70.8 | 68.5 | 61.8 |
| November | W | 56.3 | 54.9 | 71.0 | - | 53.2 | 68.2 | 56.3 | 54.1 | 66.6 | 66.5 | 59.2 |
| December | W | 52.2 | 51.4 | 64.4 | - | 49.8 | 63.4 | 52.2 | 50.7 | 65.2 | 65.2 | 56.6 |
| **1988 Average** | W | **57.7** | **57.5** | **67.4** | - | **56.5** | **68.3** | **57.7** | **57.1** | **69.5** | **66.3** | **61.3** |
| **Montana** | | | | | | | | | | | | |
| January | W | 50.7 | 49.3 | W | - | 49.2 | 68.1 | 50.7 | 49.3 | 69.8 | 68.8 | 58.0 |
| February | W | W | 48.1 | W | - | 48.3 | 64.1 | W | 48.2 | 66.2 | 64.9 | 55.2 |
| March | W | W | 49.6 | W | - | 50.0 | 61.7 | W | 49.8 | 65.8 | 66.1 | 57.4 |
| April | W | 55.6 | 55.4 | W | - | 55.9 | 63.2 | 55.6 | 55.6 | 67.6 | 67.8 | 58.7 |
| May | W | 58.1 | 58.0 | W | - | 57.7 | 66.9 | 58.1 | 57.9 | 70.4 | 67.8 | 61.3 |
| June | W | 57.7 | 58.0 | W | - | 58.3 | 66.9 | 57.7 | 58.1 | 71.1 | 70.7 | 63.6 |
| July | W | W | 60.1 | W | - | 60.5 | 69.1 | W | 60.3 | 73.0 | 74.4 | 65.7 |
| August | W | 63.8 | 63.3 | W | - | 63.3 | 72.5 | 63.8 | 63.3 | 75.3 | 72.4 | 64.6 |
| September | W | 63.8 | 63.1 | W | W | 61.9 | W | 63.8 | 62.6 | 75.3 | 73.9 | 66.4 |
| October | W | W | 59.6 | W | - | 58.4 | W | W | 59.0 | 73.5 | 72.8 | 64.8 |
| November | W | 55.2 | 52.8 | W | - | 52.2 | W | 55.2 | 52.5 | 70.5 | 69.0 | 59.8 |
| December | W | W | 49.6 | W | - | 49.1 | W | W | 49.4 | 66.8 | 67.9 | 56.7 |
| **1988 Average** | W | **57.5** | **56.2** | **68.5** | W | **56.0** | **67.1** | **57.6** | **56.1** | **70.8** | **69.7** | **61.5** |
| **Utah** | | | | | | | | | | | | |
| January | 68.8 | 54.2 | 55.0 | W | W | 51.6 | 68.8 | 53.7 | 53.3 | 72.4 | 72.4 | 61.0 |
| February | 66.0 | 50.6 | 50.6 | W | W | 49.2 | 66.0 | 50.3 | 49.9 | 69.4 | 69.5 | 61.9 |
| March | 62.9 | 50.3 | 50.3 | W | W | 49.6 | 62.9 | 49.7 | 50.0 | 66.0 | 66.8 | 59.8 |
| April | 62.7 | 53.3 | 53.5 | W | W | 54.5 | 62.6 | 53.1 | 53.9 | 65.8 | 64.0 | 61.2 |
| May | 67.6 | 57.9 | 56.8 | W | W | 55.6 | 67.6 | 56.6 | 56.2 | 68.3 | 64.2 | 60.7 |
| June | 71.1 | 57.3 | 56.9 | W | W | 55.4 | 71.2 | 57.0 | 56.3 | 69.2 | 64.4 | 60.8 |
| July | 69.5 | 58.5 | 57.9 | W | W | 56.2 | 69.6 | 58.2 | 57.2 | 71.2 | 68.1 | 64.8 |
| August | 74.1 | 64.6 | 63.2 | W | W | 62.5 | 74.1 | 64.1 | 62.9 | 74.5 | 69.1 | 66.1 |
| September | 75.7 | 63.3 | 63.0 | W | W | 61.0 | 75.7 | 63.3 | 62.0 | 74.9 | 71.2 | 64.0 |
| October | 70.9 | 58.1 | 57.8 | W | W | 56.1 | 70.9 | 58.1 | 57.0 | 72.4 | 70.6 | 60.1 |
| November | 64.6 | 57.0 | 53.8 | W | W | 52.2 | 64.5 | 55.8 | 53.0 | 67.6 | 67.0 | 57.3 |
| December | 60.4 | 51.8 | 50.9 | W | W | 48.6 | 60.3 | 50.8 | 49.8 | 65.4 | 65.9 | 55.7 |
| **1988 Average** | **67.8** | **55.9** | **56.2** | **67.7** | **55.5** | **54.4** | **67.8** | **55.6** | **55.4** | **69.9** | **67.3** | **61.9** |
| **Wyoming** | | | | | | | | | | | | |
| January | W | 56.2 | 52.3 | 67.2 | W | 49.4 | 67.4 | 52.9 | 50.7 | 67.8 | 61.2 | 57.3 |
| February | W | 52.7 | 50.9 | 63.4 | W | 48.6 | 64.0 | 51.0 | 49.6 | 65.4 | 61.0 | 54.6 |
| March | W | 52.8 | 51.2 | 62.1 | W | 49.6 | 62.6 | 51.4 | 50.3 | 65.3 | 62.1 | 54.9 |
| April | W | 57.6 | 55.8 | 64.9 | W | 54.8 | 64.6 | 56.4 | 55.2 | 67.5 | 65.0 | 58.1 |
| May | W | 58.7 | 58.4 | 66.7 | W | 56.9 | 66.9 | 58.5 | 57.6 | 69.6 | 66.8 | 60.9 |
| June | W | 59.4 | 58.5 | 67.5 | W | 56.8 | 68.1 | 59.1 | 57.6 | 71.5 | 68.3 | 61.1 |
| July | W | 60.1 | 60.7 | 68.7 | W | 60.1 | 69.1 | 60.0 | 60.4 | 73.1 | 69.7 | 64.2 |
| August | W | 64.3 | 64.5 | 71.2 | W | 63.1 | 71.5 | 64.2 | 63.8 | 75.1 | 73.3 | 66.7 |
| September | W | 62.8 | 63.7 | 72.3 | W | 61.4 | 72.7 | 62.8 | 62.5 | 76.6 | 72.3 | 67.3 |
| October | W | 60.6 | 60.7 | 70.4 | W | 57.9 | 71.2 | 60.4 | 59.1 | 75.5 | 70.4 | 64.3 |
| November | W | 57.4 | 55.9 | 68.2 | W | 51.2 | 68.6 | 57.1 | 53.0 | 73.2 | 69.0 | 61.0 |
| December | W | 52.6 | 52.3 | 64.1 | W | 49.0 | 65.1 | 52.3 | 50.2 | 70.6 | 68.4 | 57.7 |
| **1988 Average** | W | **58.0** | **57.9** | **67.4** | W | **55.2** | **67.9** | **56.9** | **56.4** | **71.1** | **68.0** | **61.4** |

See footnotes at end of table.

# Table 31. Refiner/Reseller Unleaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **PAD District V Average** | | | | | | | | | | | | |
| January | 65.8 | 52.7 | 56.8 | 59.3 | 50.8 | 49.0 | 63.8 | 51.8 | 55.8 | 67.9 | 61.6 | 54.6 |
| February | 63.6 | 55.8 | 55.2 | 58.5 | 51.7 | 50.1 | 62.1 | 54.3 | 54.6 | 66.4 | 61.4 | 55.7 |
| March | 63.3 | 53.8 | 55.8 | 58.9 | 53.5 | 52.8 | 62.0 | 53.6 | 55.4 | 66.3 | 63.0 | 56.8 |
| April | 68.0 | 62.1 | 61.3 | 66.3 | 61.9 | 58.9 | 67.5 | 62.0 | 60.9 | 69.6 | 67.4 | 60.4 |
| May | 70.3 | 64.1 | 62.6 | 67.5 | 61.2 | 58.9 | 69.6 | 62.9 | 62.1 | 71.0 | 68.2 | 62.3 |
| June | 71.1 | 62.9 | 63.5 | 68.1 | 61.2 | 58.7 | 70.4 | 62.1 | 62.8 | 71.6 | 67.4 | 63.3 |
| July | 71.5 | 64.7 | 63.2 | 68.2 | 61.7 | 59.0 | 70.5 | 62.9 | 62.6 | 71.3 | 69.8 | 62.5 |
| August | 71.5 | 65.4 | 63.8 | 69.4 | 64.4 | 61.3 | 70.9 | 64.8 | 63.5 | 71.8 | 70.5 | 64.2 |
| September | 71.8 | 64.7 | 63.1 | 71.8 | 59.9 | 57.9 | 71.8 | 61.7 | 62.4 | 72.1 | 72.7 | 59.8 |
| October | 69.6 | 58.5 | 58.9 | 69.8 | 52.7 | 50.0 | 69.6 | 54.8 | 57.8 | 69.5 | 67.3 | 56.0 |
| November | 66.0 | 54.7 | 55.8 | 66.0 | 50.5 | 47.0 | 66.0 | 52.0 | 54.6 | 67.4 | 67.1 | 55.0 |
| December | 63.7 | 52.5 | 53.6 | 63.3 | 49.4 | 46.2 | 63.6 | 50.5 | 52.6 | 65.5 | 63.3 | 54.2 |
| **1988 Average** | **68.0** | **58.8** | **59.5** | **65.6** | **56.3** | **54.5** | **67.3** | **57.5** | **58.8** | **69.2** | **66.7** | **58.5** |
| **Alaska** | | | | | | | | | | | | |
| January | W | W | 66.7 | 84.6 | W | W | 84.4 | 86.0 | 66.9 | W | 85.4 | 78.5 |
| February | W | W | 67.0 | 85.5 | W | W | 84.0 | 82.1 | 56.6 | W | 84.4 | 78.5 |
| March | W | W | 67.3 | 82.4 | W | W | 81.6 | 79.1 | 67.0 | W | 85.9 | 78.5 |
| April | W | W | 66.7 | 82.3 | W | W | 81.6 | 77.5 | 67.9 | W | 87.9 | 79.3 |
| May | W | W | 69.4 | 85.9 | W | W | 84.4 | 84.0 | 69.6 | W | 87.6 | 80.6 |
| June | W | W | 70.8 | 86.1 | W | W | 84.4 | 71.0 | 70.1 | W | 88.5 | 79.7 |
| July | W | W | 69.5 | 86.5 | 80.7 | W | 84.9 | 80.4 | 69.5 | W | 86.9 | 83.5 |
| August | W | W | 68.7 | 86.9 | 78.7 | W | 85.2 | 78.0 | 68.6 | W | 98.0 | 84.2 |
| September | W | W | 70.9 | 85.8 | 64.9 | W | 84.7 | 65.5 | 70.0 | 94.8 | 94.6 | 86.7 |
| October | W | W | 69.8 | 83.6 | 60.8 | W | 83.6 | 61.1 | 69.3 | W | 90.7 | 84.8 |
| November | W | W | 70.0 | 82.6 | 73.5 | W | 82.8 | 73.4 | 69.2 | W | 88.2 | 85.0 |
| December | W | W | 69.5 | 83.7 | W | W | 83.3 | W | 69.0 | W | 87.8 | 85.1 |
| **1988 Average** | W | W | **68.9** | **84.9** | W | W | **83.8** | W | **67.5** | **95.2** | **91.4** | **84.2** |
| **Arizona** | | | | | | | | | | | | |
| January | 64.0 | 56.6 | 55.1 | W | W | 54.1 | 63.9 | 56.5 | 55.0 | 67.5 | 65.6 | 59.2 |
| February | 61.0 | 53.6 | 52.4 | W | W | 53.5 | 61.0 | 53.7 | 52.6 | 66.3 | 64.0 | 58.8 |
| March | 59.9 | 53.6 | 51.6 | W | W | 53.9 | 59.8 | 53.7 | 52.0 | 64.9 | 68.7 | 61.4 |
| April | 64.3 | W | 55.6 | W | W | 60.5 | 64.1 | 59.0 | 56.2 | 68.4 | 68.5 | 63.5 |
| May | 64.6 | W | 56.0 | W | W | 59.7 | 64.5 | 59.5 | 56.4 | 69.2 | 72.8 | 66.2 |
| June | 64.5 | W | 56.9 | W | W | 60.2 | 64.6 | 60.5 | 57.4 | 69.5 | 73.9 | 66.3 |
| July | 65.0 | 59.8 | 56.8 | W | W | 60.1 | 65.0 | 60.1 | 57.3 | 69.2 | 72.2 | 65.1 |
| August | 63.7 | 60.2 | 56.6 | W | W | 61.3 | 63.9 | 60.6 | 57.2 | 68.4 | 71.6 | 65.9 |
| September | 64.1 | 62.6 | 56.7 | W | W | 61.1 | 64.3 | 62.8 | 57.3 | 70.3 | 69.3 | 61.7 |
| October | 63.1 | 60.9 | 53.8 | W | W | 55.8 | 63.2 | 60.5 | 54.1 | 68.5 | 64.1 | 59.9 |
| November | 62.2 | 55.5 | 52.0 | W | W | 52.6 | 62.1 | 55.3 | 52.1 | 66.7 | 64.1 | 59.5 |
| December | 60.9 | 53.5 | 50.7 | W | W | 52.5 | 60.7 | 53.7 | 50.9 | 65.5 | 62.9 | 58.1 |
| **1988 Average** | **63.0** | **57.9** | **54.5** | W | W | **57.0** | **63.0** | **58.1** | **54.9** | **67.8** | **67.2** | **62.2** |
| **California** | | | | | | | | | | | | |
| January | 66.9 | 51.1 | 56.8 | 56.7 | W | 46.6 | 63.1 | 50.3 | 55.5 | 68.5 | 60.1 | 52.0 |
| February | 64.7 | 55.7 | 55.5 | 55.9 | W | 48.9 | 61.5 | 53.7 | 54.7 | 66.5 | 60.1 | 53.7 |
| March | 64.7 | 53.0 | 56.7 | 57.1 | W | 51.7 | 62.0 | 52.7 | 56.0 | 67.4 | 61.9 | 55.2 |
| April | 70.7 | 63.3 | 63.3 | 65.5 | 61.8 | 58.7 | 68.9 | 62.4 | 62.6 | 72.4 | 68.4 | 59.7 |
| May | 73.4 | 65.2 | 64.6 | 66.4 | W | 58.4 | 71.2 | 62.8 | 63.7 | 74.0 | 68.2 | 61.6 |
| June | 74.5 | 63.0 | 65.8 | 67.2 | W | 58.0 | 72.4 | 61.3 | 64.5 | 74.5 | 67.2 | 62.6 |
| July | 74.6 | 65.4 | 65.2 | 67.5 | W | 58.2 | 72.2 | 62.7 | 63.9 | 75.2 | 69.9 | 61.3 |
| August | 74.7 | 66.4 | 65.8 | 68.8 | W | 60.8 | 72.7 | 65.1 | 65.1 | 75.0 | 70.4 | 65.4 |
| September | 75.1 | 64.4 | 64.6 | 71.4 | W | 56.5 | 73.9 | 60.9 | 63.4 | 75.2 | 72.8 | 58.3 |
| October | 72.2 | 56.3 | 59.5 | 69.2 | W | 46.7 | 71.1 | 52.4 | 57.9 | 70.8 | 67.8 | 54.4 |
| November | 67.4 | 52.8 | 56.0 | 65.1 | W | 43.9 | 66.5 | 50.1 | 54.4 | 67.1 | 68.3 | 52.7 |
| December | 64.7 | 50.6 | 54.0 | 62.0 | 47.5 | 43.4 | 63.8 | 48.5 | 52.5 | 64.2 | 62.6 | 52.4 |
| **1988 Average** | **70.4** | **58.1** | **60.7** | **64.3** | **55.2** | **53.2** | **68.3** | **56.5** | **59.6** | **71.0** | **66.3** | **56.9** |

See footnotes at end of table.

# Table 31. Refiner/Reseller Unleaded Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Hawaii** | | | | | | | | | | | | |
| January | W | 64.0 | 74.2 | W | W | W | W | 59.9 | 73.9 | W | 82.1 | 80.2 |
| February | W | 65.7 | 75.5 | W | W | W | W | 60.8 | 75.2 | W | 84.8 | 79.8 |
| March | W | 65.2 | 74.9 | W | W | W | W | 61.0 | 74.7 | W | 84.1 | 79.7 |
| April | W | 67.2 | 78.4 | W | W | W | W | 63.5 | 78.2 | W | 87.6 | 84.3 |
| May | W | 71.4 | 81.3 | W | W | W | W | 67.3 | 81.2 | W | 89.2 | 86.2 |
| June | W | 71.2 | 81.1 | W | W | W | W | 67.1 | 80.9 | W | 88.7 | 86.2 |
| July | W | W | 80.6 | W | W | W | W | 67.3 | 80.3 | W | 90.4 | 84.4 |
| August | W | 70.5 | 80.9 | W | W | W | W | 66.9 | 80.1 | W | 88.0 | 86.3 |
| September | W | W | 79.8 | W | W | W | W | 68.0 | 79.1 | 89.5 | 94.8 | 83.8 |
| October | W | 78.0 | 80.4 | W | W | W | W | 67.0 | 80.1 | 90.4 | 86.6 | 83.1 |
| November | W | W | 76.9 | W | W | W | W | 61.7 | 76.7 | 89.3 | 85.1 | 81.6 |
| December | W | W | 74.2 | W | W | W | W | 58.1 | 74.0 | 88.8 | 84.9 | 80.9 |
| **1988 Average** | W | **69.9** | **78.2** | W | W | W | W | **64.2** | **77.9** | W | **86.9** | **83.0** |
| **Nevada** | | | | | | | | | | | | |
| January | 57.0 | 56.5 | 51.1 | W | 51.1 | 50.5 | 57.5 | 54.4 | 51.0 | 55.1 | 57.3 | 60.9 |
| February | 57.9 | 53.8 | 49.7 | W | W | 50.0 | 58.2 | 53.0 | 49.7 | 57.2 | 56.0 | 57.5 |
| March | 59.2 | 56.0 | 50.9 | W | 52.1 | 52.2 | 59.2 | 54.6 | 51.1 | 58.0 | 58.2 | 58.4 |
| April | 63.1 | 62.3 | 56.4 | W | W | 64.4 | 63.2 | 61.7 | 57.4 | 62.1 | 59.2 | 63.9 |
| May | 67.2 | 63.6 | 58.1 | W | 60.5 | 60.1 | 67.2 | 62.4 | 58.4 | 65.6 | 60.0 | 64.1 |
| June | 69.0 | 64.8 | 59.6 | W | W | 59.0 | 68.9 | 63.4 | 59.5 | 67.9 | 61.3 | 64.4 |
| July | 70.8 | 65.5 | 60.9 | W | W | 61.2 | 70.6 | 63.3 | 60.9 | 70.2 | 64.3 | 65.8 |
| August | 71.3 | 66.3 | 61.8 | W | 64.1 | 64.4 | 70.7 | 65.3 | 62.0 | 69.6 | 66.0 | 67.4 |
| September | 71.0 | 65.4 | 61.0 | W | W | 59.6 | 70.8 | 61.3 | 60.8 | 71.3 | 65.3 | 59.8 |
| October | 68.7 | 59.7 | 55.9 | W | W | 52.4 | 68.3 | 56.0 | 55.5 | 69.0 | 59.8 | 54.2 |
| November | 65.1 | 56.5 | 52.3 | W | W | 50.7 | 64.6 | 54.0 | 52.2 | 66.2 | 58.9 | 53.3 |
| December | 62.7 | 52.8 | 50.2 | W | W | 48.5 | 62.2 | 51.2 | 50.0 | 63.2 | 58.1 | 50.6 |
| **1988 Average** | **65.1** | **60.3** | **56.0** | W | **56.2** | **56.4** | **65.1** | **58.6** | **56.0** | **64.8** | **60.6** | **58.1** |
| **Oregon** | | | | | | | | | | | | |
| January | 70.9 | 59.1 | 58.3 | W | W | 54.7 | 70.3 | 59.0 | 58.0 | 66.6 | 64.7 | 58.9 |
| February | 68.6 | 56.9 | 56.1 | W | W | 52.8 | 68.0 | 56.9 | 55.7 | 64.2 | 63.9 | 57.7 |
| March | 67.0 | 56.7 | 55.4 | W | W | 53.9 | 66.5 | 56.9 | 55.3 | 63.9 | 64.0 | 56.5 |
| April | 67.8 | 57.6 | 57.2 | W | W | 55.3 | 67.1 | 57.9 | 57.0 | 65.4 | 64.8 | 59.4 |
| May | 69.6 | 60.0 | 58.9 | W | W | 57.6 | 68.7 | 60.0 | 58.8 | 66.9 | 67.1 | 61.6 |
| June | 70.2 | 60.4 | 59.2 | W | W | 58.0 | 69.9 | 60.6 | 59.1 | 67.7 | 65.4 | 61.9 |
| July | 70.7 | 60.4 | 59.8 | W | W | 58.8 | 70.0 | 60.7 | 59.7 | 67.7 | 68.8 | 62.9 |
| August | 70.6 | 61.8 | 60.4 | W | W | 60.0 | 70.1 | 62.0 | 60.4 | 68.2 | 69.5 | 61.2 |
| September | 71.8 | 62.8 | 61.5 | W | W | 59.1 | 71.3 | 63.0 | 61.3 | 68.3 | 71.4 | 63.9 |
| October | 71.3 | 61.3 | 59.2 | W | W | 56.2 | 70.8 | 60.9 | 58.9 | 67.5 | 67.7 | 61.6 |
| November | 70.6 | 56.9 | 57.0 | W | W | 52.4 | 70.1 | 56.8 | 56.5 | 67.4 | 66.1 | 58.4 |
| December | 69.4 | 55.2 | 56.3 | W | W | 50.8 | 69.0 | 55.2 | 55.7 | 66.7 | 64.4 | 57.4 |
| **1988 Average** | **69.9** | **59.1** | **58.4** | W | W | **55.8** | **69.3** | **59.2** | **58.1** | **66.7** | **66.5** | **60.3** |
| **Washington** | | | | | | | | | | | | |
| January | 64.6 | 53.9 | 54.8 | W | W | 51.7 | 65.6 | 53.6 | 54.5 | 69.1 | 66.3 | 61.0 |
| February | 61.6 | 51.8 | 52.3 | W | W | 50.3 | 63.1 | 51.8 | 52.1 | 68.2 | 65.2 | 57.3 |
| March | 60.1 | 51.6 | 51.0 | W | 50.3 | 51.3 | 60.9 | 51.4 | 51.0 | 67.6 | 65.1 | 57.4 |
| April | 61.0 | 53.0 | 53.1 | W | W | 53.8 | 62.2 | 52.9 | 53.2 | 67.7 | 66.0 | 58.1 |
| May | 62.6 | 54.7 | 55.0 | W | W | 56.0 | 63.8 | 54.8 | 55.1 | 69.2 | 68.1 | 59.4 |
| June | 62.8 | 57.0 | 55.3 | W | W | 56.8 | 63.3 | 56.8 | 55.5 | 69.0 | 68.8 | 60.4 |
| July | 63.2 | 58.8 | 56.0 | W | W | 58.4 | 63.7 | 58.4 | 56.2 | 67.4 | 69.7 | 62.2 |
| August | 63.5 | 59.7 | 56.8 | W | W | 59.7 | 64.5 | 59.4 | 57.1 | 69.5 | 71.1 | 58.7 |
| September | 64.0 | 60.1 | 57.0 | W | W | 59.3 | 65.0 | 60.1 | 57.2 | 69.0 | 67.1 | 61.8 |
| October | 63.4 | 57.5 | 55.3 | W | W | 55.3 | 64.5 | 57.0 | 55.3 | 67.9 | 64.5 | 60.0 |
| November | 61.9 | 54.8 | 52.7 | W | W | 51.7 | 63.0 | 54.4 | 52.6 | 66.3 | 62.6 | 57.1 |
| December | 60.4 | 53.0 | 48.9 | W | W | 49.1 | 61.4 | 52.4 | 48.9 | 64.0 | 60.1 | 57.1 |
| **1988 Average** | **62.4** | **55.1** | **54.0** | W | **55.0** | **54.6** | **63.4** | **55.1** | **54.1** | **67.9** | **66.3** | **59.2** |

Dashes (-) = No data reported.
NA = Not Available.
W = Withheld to avoid disclosure of individual company data.
Sources: Refiners and Gas Plant Operators: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report"; Resellers: Energy Information Administration Form EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

# Table 32. Refiner/Reseller Premium Gasoline Prices by Seller Type
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **U.S. Average** | | | | | | | | | | | | |
| January | 78.3 | 61.8 | 63.9 | 73.7 | 55.9 | 52.8 | 77.4 | 60.2 | 62.6 | 76.9 | 69.9 | 64.2 |
| February | 76.5 | 62.9 | 63.7 | 72.2 | 57.4 | 53.9 | 75.7 | 61.6 | 62.6 | 75.6 | 69.9 | 64.8 |
| March | 75.7 | 63.0 | 63.6 | 70.9 | 53.8 | 53.8 | 74.8 | 59.7 | 62.3 | 75.1 | 70.5 | 65.4 |
| April | 78.7 | 67.3 | 67.8 | 74.1 | 60.9 | 60.1 | 77.8 | 65.0 | 66.8 | 77.9 | 74.0 | 68.9 |
| May | 80.8 | 69.3 | 69.5 | 76.1 | 61.6 | 61.5 | 79.9 | 67.2 | 68.5 | 79.6 | 74.1 | 69.5 |
| June | 80.8 | 69.7 | 69.5 | 75.9 | 64.6 | 61.3 | 79.8 | 68.1 | 68.4 | 79.3 | 75.0 | 70.1 |
| July | 82.5 | 71.2 | 72.6 | 77.5 | 66.1 | 65.7 | 81.5 | 69.6 | 71.7 | 82.0 | 77.9 | 73.0 |
| August | 84.6 | 70.7 | 72.0 | 79.4 | 64.8 | 63.2 | 83.6 | 69.0 | 70.9 | 82.6 | 76.3 | 71.1 |
| September | 83.4 | 67.7 | 69.5 | 77.6 | 61.5 | 59.3 | 82.3 | 66.0 | 68.1 | 81.7 | 74.5 | 69.0 |
| October | 81.8 | 65.8 | 69.1 | 75.9 | 60.7 | 60.2 | 80.6 | 63.8 | 68.0 | 80.6 | 74.1 | 68.7 |
| November | 81.2 | 67.3 | 70.0 | 76.0 | 63.7 | 61.6 | 80.1 | 66.3 | 68.8 | 80.6 | 74.4 | 69.1 |
| December | 80.0 | 64.2 | 67.2 | 74.4 | 60.1 | 57.6 | 78.8 | 62.8 | 65.8 | 79.5 | 72.4 | 67.9 |
| **1988 Average** | **80.4** | **66.7** | **68.3** | **75.4** | **60.9** | **59.5** | **79.4** | **64.9** | **67.2** | **79.4** | **73.7** | **68.7** |
| **PAD District I Average** | | | | | | | | | | | | |
| January | 80.2 | 61.7 | 65.0 | 77.9 | 55.1 | 53.6 | 79.8 | 59.2 | 63.8 | 80.6 | 71.4 | 65.5 |
| February | 78.1 | 63.4 | 65.1 | 75.8 | 57.1 | 55.0 | 77.7 | 60.9 | 64.2 | 79.2 | 71.6 | 65.4 |
| March | 77.3 | 63.0 | 65.3 | 74.3 | 57.5 | 54.1 | 76.8 | 60.6 | 64.0 | 77.9 | 71.7 | 66.0 |
| April | 78.8 | 66.8 | 68.5 | 75.9 | 62.3 | 60.1 | 78.3 | 64.8 | 67.6 | 79.6 | 74.4 | 68.5 |
| May | 80.5 | 68.5 | 70.5 | 77.2 | 59.9 | 62.7 | 80.0 | 64.6 | 69.7 | 81.4 | 74.7 | 69.7 |
| June | 81.0 | 68.9 | 70.3 | 78.4 | 64.5 | 62.7 | 80.5 | 66.8 | 69.6 | 81.4 | 75.5 | 70.8 |
| July | 82.9 | 71.4 | 73.1 | 78.9 | 65.8 | 66.0 | 82.1 | 68.6 | 72.3 | 83.8 | 78.3 | 72.9 |
| August | 84.5 | 68.5 | 72.2 | 79.8 | 63.6 | 62.6 | 83.7 | 66.4 | 71.2 | 84.0 | 75.8 | 70.7 |
| September | 84.1 | 65.2 | 69.7 | 78.9 | 59.9 | 59.4 | 83.1 | 63.1 | 68.5 | 83.5 | 73.9 | 69.3 |
| October | 83.4 | 66.1 | 70.3 | 78.1 | 60.4 | 62.3 | 82.4 | 63.4 | 69.5 | 82.9 | 74.6 | 70.5 |
| November | 83.0 | 69.3 | 72.2 | 78.4 | 64.1 | 64.5 | 82.2 | 67.0 | 71.3 | 83.1 | 75.8 | 70.3 |
| December | 82.8 | 65.4 | 70.2 | 78.3 | 60.4 | 61.0 | 82.0 | 63.2 | 69.1 | 82.1 | 73.6 | 69.7 |
| **1988 Average** | **81.5** | **66.5** | **69.5** | **77.7** | **61.2** | **60.5** | **80.8** | **64.2** | **68.5** | **81.8** | **74.4** | **69.3** |
| **Subdistrict IA Average** | | | | | | | | | | | | |
| January | 88.8 | 73.9 | 72.2 | 82.3 | 56.5 | 55.1 | 88.5 | 64.9 | 70.9 | 85.5 | 71.5 | 67.5 |
| February | 87.2 | 74.3 | 71.2 | W | 57.1 | 55.8 | 86.8 | 65.9 | 70.2 | 84.6 | 71.8 | 67.2 |
| March | 86.0 | 72.7 | 69.3 | 79.8 | W | 54.0 | 85.6 | 63.7 | 67.9 | 83.4 | 71.7 | 68.1 |
| April | 85.9 | 75.1 | 72.1 | 79.6 | W | 61.1 | 85.6 | 69.6 | 71.4 | 84.0 | 74.1 | 70.2 |
| May | 87.6 | 75.7 | 75.3 | W | W | 67.6 | 87.2 | 71.5 | 75.0 | 85.2 | 73.3 | 72.0 |
| June | 88.4 | 76.8 | 75.2 | 81.2 | W | 67.1 | 88.0 | 72.3 | 74.8 | 86.3 | 74.7 | 73.1 |
| July | 90.7 | 77.6 | 77.9 | 83.1 | W | 70.3 | 90.3 | 74.0 | 77.6 | 88.3 | 77.2 | 75.5 |
| August | 91.7 | 72.6 | 76.8 | 83.9 | W | 64.2 | 91.3 | 69.4 | 76.2 | 89.0 | 74.6 | 71.5 |
| September | 91.7 | 71.3 | 74.5 | 84.3 | W | 63.0 | 91.3 | 69.2 | 74.0 | 88.4 | 76.3 | 71.0 |
| October | 93.3 | 70.2 | 74.8 | W | W | 61.3 | 93.0 | 68.5 | 73.9 | 87.6 | 76.8 | 71.8 |
| November | 93.2 | 72.9 | 77.9 | W | W | 66.2 | 92.8 | 72.1 | 77.5 | 88.5 | 78.8 | 71.3 |
| December | 93.3 | 69.7 | 75.9 | W | W | W | 93.1 | 68.2 | 75.2 | 88.5 | 77.3 | 71.0 |
| **1988 Average** | **90.0** | **73.0** | **74.5** | **82.1** | **62.8** | **61.2** | **89.6** | **69.2** | **73.8** | **86.5** | **74.8** | **71.0** |
| **Connecticut** | | | | | | | | | | | | |
| January | W | 71.2 | 72.3 | W | W | 62.5 | 83.9 | 61.5 | 71.6 | 85.6 | 77.9 | 66.5 |
| February | W | 70.8 | 70.2 | W | W | 62.8 | W | 63.2 | 69.8 | 84.1 | 78.2 | 66.9 |
| March | W | 71.0 | 68.0 | W | W | 62.0 | 79.4 | 62.6 | 67.6 | 83.0 | 78.5 | 66.6 |
| April | W | 73.2 | 70.9 | W | W | 67.5 | 79.4 | 68.1 | 70.8 | 84.5 | 82.0 | 69.7 |
| May | W | 73.2 | 75.2 | W | W | 71.6 | 80.9 | 69.0 | 75.0 | 85.1 | 76.5 | 70.8 |
| June | W | 74.4 | 74.7 | W | W | 72.7 | 82.8 | 70.6 | 74.6 | 86.8 | 76.8 | 71.1 |
| July | W | 75.6 | 78.2 | W | W | 75.9 | 84.7 | 72.6 | 78.1 | 88.9 | 80.1 | 74.4 |
| August | W | 74.1 | 77.1 | W | W | W | 86.3 | 69.6 | 76.7 | 90.7 | 78.2 | 71.5 |
| September | W | 72.5 | 74.4 | W | W | 70.1 | 86.1 | 68.3 | 74.2 | 90.2 | 78.0 | 72.8 |
| October | W | 71.9 | 74.9 | W | W | W | W | 68.4 | 74.5 | 88.3 | 78.4 | 73.2 |
| November | W | 75.6 | 77.9 | W | W | W | W | 74.7 | 77.7 | 89.5 | 80.6 | 71.1 |
| December | W | 72.0 | 76.1 | W | W | W | W | 67.6 | 75.8 | 89.5 | 80.3 | 70.0 |
| **1988 Average** | **101.9** | **73.1** | **74.2** | W | W | **67.4** | **95.0** | **68.0** | **73.9** | **87.3** | **78.8** | **70.4** |

See footnotes at end of table.

# Table 32. Refiner/Reseller Premium Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Maine** | | | | | | | | | | | | |
| January | W | W | 62.5 | W | W | W | W | W | 61.8 | 84.6 | 76.9 | 66.4 |
| February | W | W | 61.8 | W | W | W | W | 61.9 | 61.2 | 83.1 | 75.5 | 68.7 |
| March | W | W | 61.4 | W | W | 51.9 | W | W | 60.8 | 80.9 | 72.6 | 68.9 |
| April | W | W | 65.1 | W | W | 57.1 | W | W | 64.1 | 83.0 | 75.1 | 70.9 |
| May | W | W | 67.5 | W | W | 64.0 | W | W | 67.2 | 85.0 | 77.5 | 73.0 |
| June | W | W | 67.7 | W | W | W | W | W | 67.5 | 84.6 | 75.6 | 73.7 |
| July | W | W | 71.0 | W | W | W | W | W | 70.9 | 88.3 | 78.1 | 76.4 |
| August | W | W | 67.2 | W | W | 59.5 | W | W | 66.9 | 88.7 | 76.7 | 74.0 |
| September | W | W | 64.5 | W | W | 58.1 | W | 65.1 | 64.1 | 90.0 | 72.9 | 69.4 |
| October | W | W | 66.0 | W | W | 63.5 | W | W | 65.9 | 88.5 | 74.3 | 69.9 |
| November | W | W | 71.3 | W | W | W | W | W | 71.2 | 90.0 | 79.6 | 73.5 |
| December | W | W | 67.6 | W | W | W | W | W | 67.4 | 89.6 | 76.3 | 71.9 |
| **1988 Average** | W | W | **66.4** | W | W | **59.5** | W | W | **66.0** | **86.2** | **76.0** | **71.7** |
| **Massachusetts** | | | | | | | | | | | | |
| January | 89.3 | 78.2 | 74.1 | W | W | W | 89.3 | 69.6 | 72.0 | 85.5 | 65.1 | 68.1 |
| February | 87.7 | 80.1 | 73.8 | W | W | 52.3 | 87.7 | 69.2 | 72.3 | 84.7 | 65.1 | 67.5 |
| March | 86.7 | 76.7 | 72.4 | W | W | 51.8 | 86.7 | 65.8 | 69.5 | 83.3 | 64.7 | 69.2 |
| April | 86.7 | 80.4 | 74.4 | W | W | 58.9 | 86.7 | 73.5 | 73.4 | 83.4 | 67.2 | 70.4 |
| May | 88.3 | 80.8 | 77.1 | W | W | 65.6 | 88.2 | 77.2 | 76.7 | 84.2 | 70.1 | 73.2 |
| June | 89.0 | 81.5 | 77.4 | W | W | 64.3 | 89.0 | 75.5 | 76.8 | 85.4 | 72.8 | 74.1 |
| July | 91.3 | 82.3 | 79.4 | W | W | 67.1 | 91.2 | 77.5 | 78.9 | 86.9 | 74.3 | 76.0 |
| August | 92.1 | 73.7 | 79.0 | W | W | 61.1 | 92.1 | 69.9 | 78.5 | 86.9 | 71.1 | 70.8 |
| September | 92.2 | 71.9 | 77.0 | W | W | W | 92.1 | 71.0 | 76.2 | 87.5 | 73.3 | 69.9 |
| October | 92.0 | 70.0 | 76.8 | W | W | W | 92.0 | 69.1 | 75.4 | 87.6 | 73.7 | 70.8 |
| November | 92.0 | 71.5 | 79.5 | W | W | W | 92.0 | 70.8 | 78.7 | 88.4 | 75.8 | 69.8 |
| December | 92.5 | 68.9 | 77.5 | W | W | W | 92.4 | 68.3 | 76.3 | 88.4 | 71.8 | 71.0 |
| **1988 Average** | **90.0** | **74.2** | **76.6** | W | W | **58.2** | **90.0** | **70.9** | **75.5** | **85.7** | **70.1** | **71.0** |
| **New Hampshire** | | | | | | | | | | | | |
| January | 86.6 | W | 72.2 | W | W | W | 86.1 | 63.3 | 71.2 | 86.2 | 68.2 | 73.2 |
| February | 85.1 | W | 71.8 | W | W | W | 84.6 | 63.6 | 70.9 | 86.4 | 75.7 | 71.4 |
| March | 83.8 | W | 71.6 | W | W | W | 83.4 | W | 70.5 | 86.6 | 75.3 | 70.7 |
| April | 83.5 | W | 73.5 | W | W | W | 83.1 | 65.0 | 72.7 | 87.8 | 71.6 | 73.1 |
| May | 85.4 | W | 75.4 | W | W | W | 84.9 | 70.2 | 75.0 | 90.0 | 74.1 | 75.5 |
| June | 86.1 | W | 76.3 | W | W | W | 85.3 | 69.5 | 75.7 | 91.1 | 74.1 | 76.4 |
| July | 87.9 | - | 78.7 | W | W | W | 87.4 | W | 78.2 | 92.4 | 76.9 | 79.2 |
| August | 89.1 | 67.0 | 78.2 | W | W | W | 88.4 | 66.5 | 77.3 | 93.7 | 73.9 | 75.9 |
| September | 88.8 | W | 75.6 | W | W | W | 88.0 | 63.4 | 74.8 | 87.5 | 74.0 | 75.3 |
| October | 88.5 | W | 74.0 | W | W | W | 88.0 | 64.6 | 73.6 | 86.7 | 69.9 | 75.7 |
| November | 88.3 | W | 77.4 | W | W | W | 87.9 | 69.9 | 77.0 | 87.1 | 75.6 | 78.3 |
| December | 88.4 | W | 77.1 | W | W | W | 88.3 | 66.8 | 76.3 | 87.5 | 78.1 | 76.8 |
| **1988 Average** | **86.8** | W | **75.2** | W | W | W | **86.4** | **66.1** | **74.5** | **89.2** | **74.3** | **75.3** |
| **Rhode Island** | | | | | | | | | | | | |
| January | 87.9 | W | 70.1 | W | W | W | 87.8 | 73.8 | 69.5 | 81.1 | 64.8 | 57.9 |
| February | 86.8 | W | 69.3 | W | W | W | 86.7 | 75.5 | 68.5 | 79.5 | 65.4 | 58.6 |
| March | 85.8 | W | 65.6 | W | W | W | 85.7 | 72.4 | 65.3 | 78.0 | 67.1 | 59.0 |
| April | 86.2 | W | 70.2 | W | W | W | 85.8 | 74.2 | 69.7 | 78.5 | 68.7 | 64.3 |
| May | 88.2 | W | 73.8 | W | W | W | 88.0 | 76.5 | 73.4 | 81.1 | 71.4 | 66.3 |
| June | 90.1 | 80.1 | 73.3 | W | W | W | 89.8 | 78.6 | 72.9 | 81.7 | 72.0 | 67.5 |
| July | 93.7 | W | 76.3 | W | W | W | 93.4 | 78.5 | 76.0 | 83.2 | 76.4 | 70.0 |
| August | 94.0 | 80.2 | 75.0 | W | W | W | 93.8 | 78.8 | 74.2 | 84.9 | 66.9 | 65.9 |
| September | 93.5 | W | 72.1 | W | W | W | 93.3 | W | 71.6 | 83.6 | 70.6 | 64.7 |
| October | 93.2 | W | 72.5 | W | W | W | 93.0 | 79.6 | 72.1 | 83.6 | 73.7 | 67.9 |
| November | 92.0 | W | 76.4 | W | W | W | 91.6 | 81.1 | 76.1 | 82.8 | 75.5 | 68.9 |
| December | 91.6 | W | 74.5 | W | W | W | 91.3 | 76.5 | 74.2 | 83.6 | 72.2 | 63.7 |
| **1988 Average** | **90.5** | **80.4** | **72.5** | W | W | W | **90.3** | **77.4** | **72.0** | **82.1** | **70.2** | **65.3** |

See footnotes at end of table.

# Table 32. Refiner/Reseller Premium Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Vermont** | | | | | | | | | | | | |
| January | W | W | 70.7 | W | W | 56.1 | 89.9 | 73.5 | 69.9 | 90.5 | 75.8 | 74.7 |
| February | W | W | 71.5 | W | W | 56.1 | 88.0 | 72.6 | 70.5 | 89.8 | 77.7 | 74.6 |
| March | W | W | 70.2 | W | W | 55.0 | 88.9 | W | 69.2 | 88.5 | 76.0 | 73.6 |
| April | W | W | 71.4 | W | W | 61.6 | 86.7 | W | 70.9 | 88.3 | 78.1 | 76.3 |
| May | W | W | 73.2 | W | W | 64.5 | 90.0 | W | 72.6 | 88.8 | 78.1 | 78.5 |
| June | W | W | 73.0 | W | W | 65.4 | 89.8 | W | 72.6 | 89.6 | 78.1 | 79.7 |
| July | W | W | 76.7 | W | W | 69.5 | 88.5 | W | 76.3 | 91.9 | 82.3 | 81.8 |
| August | W | W | 74.7 | W | W | 63.3 | 89.9 | W | 73.6 | 91.9 | 81.1 | 77.1 |
| September | W | W | 72.8 | W | W | 60.0 | 93.2 | W | 71.7 | 89.9 | 77.5 | 77.2 |
| October | W | W | 74.0 | W | W | 65.0 | 92.8 | W | 73.2 | 90.1 | 81.7 | 77.6 |
| November | W | W | 77.3 | W | W | 67.5 | 89.6 | W | 76.0 | 91.6 | 81.9 | 80.6 |
| December | W | W | 73.7 | W | W | 63.7 | 90.2 | W | 73.0 | 91.1 | 83.1 | 79.1 |
| **1988 Average** | W | W | **73.4** | W | W | **63.0** | **89.7** | **76.7** | **72.6** | **90.3** | **79.8** | **77.8** |
| **Subdistrict IB Average** | | | | | | | | | | | | |
| January | 86.0 | 64.1 | 66.1 | 79.0 | 58.4 | 55.2 | 84.1 | 62.2 | 64.9 | 80.9 | 73.8 | 65.6 |
| February | 83.9 | 66.3 | 66.1 | 77.3 | 61.7 | 57.4 | 82.2 | 64.7 | 65.4 | 79.6 | 73.6 | 65.4 |
| March | 82.2 | 64.8 | 66.9 | 75.7 | 59.9 | 54.8 | 80.5 | 62.7 | 65.6 | 78.2 | 73.9 | 65.3 |
| April | 82.9 | 66.6 | 69.3 | 76.7 | 63.4 | 61.1 | 81.3 | 65.3 | 68.5 | 79.2 | 76.3 | 67.5 |
| May | 84.0 | 68.6 | 71.5 | 78.5 | 66.5 | 64.4 | 82.5 | 67.8 | 70.7 | 81.4 | 77.6 | 68.4 |
| June | 84.7 | 69.7 | 71.7 | 81.2 | 68.5 | 64.2 | 83.8 | 69.1 | 71.0 | 81.1 | 78.4 | 70.2 |
| July | 86.6 | 72.2 | 73.5 | 80.4 | 67.6 | 65.5 | 84.9 | 69.9 | 72.5 | 82.5 | 79.7 | 71.3 |
| August | 87.6 | 69.4 | 73.5 | 80.3 | 67.1 | 63.6 | 85.8 | 68.4 | 72.4 | 83.6 | 78.2 | 70.1 |
| September | 87.5 | 65.6 | 71.6 | 79.4 | 63.7 | 60.5 | 85.4 | 64.9 | 70.0 | 82.4 | 72.5 | 67.3 |
| October | 86.8 | 66.6 | 72.1 | 78.9 | 63.2 | 64.1 | 84.6 | 65.3 | 71.2 | 82.6 | 73.1 | 68.5 |
| November | 87.2 | 70.3 | 73.9 | 79.8 | 68.0 | 66.1 | 85.1 | 69.4 | 72.9 | 82.7 | 75.2 | 68.6 |
| December | 86.8 | 67.0 | 72.8 | 79.9 | 68.0 | 63.2 | 85.0 | 67.4 | 71.6 | 83.4 | 73.5 | 68.5 |
| **1988 Average** | **85.6** | **67.6** | **70.8** | **79.0** | **65.2** | **61.9** | **83.9** | **66.6** | **69.8** | **81.4** | **75.5** | **68.3** |
| **Delaware** | | | | | | | | | | | | |
| January | 88.2 | W | 55.4 | - | - | W | 88.2 | W | 55.4 | 76.0 | 62.3 | 61.5 |
| February | 87.6 | W | 55.3 | - | - | W | 87.6 | W | 55.3 | 74.2 | 63.0 | 63.0 |
| March | 85.2 | - | 57.4 | - | - | W | 85.2 | - | 57.4 | 73.8 | 64.1 | 63.2 |
| April | 86.1 | W | 63.8 | - | - | W | 86.1 | W | 63.8 | 77.5 | 66.6 | 65.5 |
| May | 87.7 | W | 63.6 | - | - | W | 87.7 | W | 63.6 | 81.2 | 72.2 | 67.5 |
| June | 87.8 | W | 64.1 | - | - | W | 87.8 | W | 64.1 | 81.4 | 71.1 | 68.2 |
| July | 91.6 | - | 70.3 | - | - | W | 91.6 | - | 70.3 | 82.5 | 75.6 | 67.3 |
| August | 92.4 | W | 66.3 | - | - | W | 92.4 | W | 66.3 | 82.9 | 72.4 | 63.2 |
| September | 93.3 | W | 64.7 | - | - | W | 93.3 | W | 64.7 | 79.0 | 73.1 | 68.0 |
| October | W | W | 67.7 | - | - | W | W | W | 67.7 | 80.2 | 73.6 | 69.2 |
| November | 95.0 | W | 70.8 | - | - | W | 95.0 | W | 70.8 | 80.9 | 76.7 | 67.2 |
| December | 93.1 | W | 65.4 | - | - | W | 93.1 | W | 65.4 | 81.2 | 75.5 | 69.8 |
| **1988 Average** | **90.0** | **65.4** | **63.1** | - | - | W | **90.0** | **65.4** | **63.1** | **79.3** | **71.8** | **66.4** |
| **District of Columbia** | | | | | | | | | | | | |
| January | - | 68.7 | 70.5 | - | - | - | - | 68.7 | 70.5 | W | 70.3 | 53.1 |
| February | - | 67.7 | 70.5 | - | - | - | - | 67.7 | 70.5 | W | 71.4 | 55.2 |
| March | - | 67.6 | 72.0 | - | - | - | - | 67.6 | 72.0 | W | W | 55.4 |
| April | - | 72.7 | 74.3 | - | - | - | - | 72.7 | 74.3 | W | 75.3 | 61.2 |
| May | - | 74.6 | 75.4 | - | - | - | - | 74.6 | 75.4 | W | 78.2 | 62.4 |
| June | - | 72.8 | 75.6 | - | - | - | - | 72.8 | 75.6 | W | 76.3 | 63.7 |
| July | - | 75.8 | 77.0 | - | - | - | - | 75.8 | 77.0 | W | 79.1 | 67.3 |
| August | - | 64.7 | 78.6 | - | - | - | - | 64.7 | 78.6 | W | 77.0 | 64.3 |
| September | - | 62.6 | 76.7 | - | - | - | - | 62.6 | 76.7 | W | 73.4 | 60.7 |
| October | - | W | 75.4 | - | - | - | - | W | 75.4 | W | 76.0 | 64.3 |
| November | - | W | 75.9 | - | - | - | - | W | 75.9 | W | 77.2 | 66.7 |
| December | - | W | 75.7 | - | - | - | - | W | 75.7 | W | 73.0 | 65.1 |
| **1988 Average** | - | **66.1** | **74.8** | - | - | - | - | **66.1** | **74.8** | W | **75.0** | **61.2** |

See footnotes at end of table.

# Table 32. Refiner/Reseller Premium Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Maryland** | | | | | | | | | | | | |
| January | - | 63.2 | 70.4 | W | - | 57.0 | W | 63.2 | 69.0 | 77.6 | 67.8 | 56.3 |
| February | - | 64.6 | 70.4 | W | - | 60.5 | W | 64.6 | 69.5 | 77.4 | 69.1 | 56.7 |
| March | - | 64.3 | 70.6 | W | - | 61.6 | W | 64.3 | 69.9 | 75.9 | 75.0 | 63.4 |
| April | - | 67.7 | 72.9 | W | - | 64.5 | W | 67.7 | 72.1 | 78.7 | 71.5 | 65.4 |
| May | - | 70.2 | 74.0 | W | - | 67.4 | W | 70.2 | 73.3 | 79.5 | 73.4 | 66.0 |
| June | - | 69.0 | 73.5 | W | - | 66.6 | W | 69.0 | 72.8 | 80.4 | 75.4 | 71.1 |
| July | - | 71.5 | 75.0 | W | - | 70.2 | W | 71.5 | 74.6 | 82.4 | 75.1 | 72.2 |
| August | - | 67.4 | 75.4 | W | - | 73.1 | W | 67.4 | 75.2 | 82.0 | 73.0 | 70.0 |
| September | - | 62.5 | 73.7 | W | - | 70.2 | W | 62.5 | 73.4 | 83.2 | 73.7 | 68.3 |
| October | - | 66.8 | 73.3 | W | - | 69.2 | W | 66.8 | 72.8 | 83.5 | 76.8 | 70.4 |
| November | - | 68.0 | 74.1 | W | - | 72.0 | W | 68.0 | 73.9 | 84.6 | 77.6 | 73.4 |
| December | - | 64.9 | 73.3 | W | - | 70.1 | W | 64.9 | 73.0 | 85.1 | 75.6 | 72.0 |
| **1988 Average** | **-** | **66.5** | **73.1** | W | **-** | **66.9** | W | **66.5** | **72.6** | **81.0** | **73.9** | **67.5** |
| **New Jersey** | | | | | | | | | | | | |
| January | 88.4 | 61.8 | 63.5 | W | W | 48.8 | 88.3 | 61.2 | 61.9 | 81.1 | 70.5 | 67.6 |
| February | 85.9 | 68.1 | 64.4 | W | W | 52.1 | 85.8 | 65.3 | 63.5 | 80.2 | 70.6 | 69.4 |
| March | 85.4 | 67.7 | 67.4 | W | 62.2 | 51.3 | 85.3 | 65.2 | 65.1 | 79.1 | 72.2 | 68.7 |
| April | 85.5 | 68.1 | 69.0 | W | W | 59.4 | 85.5 | 66.3 | 68.1 | 79.9 | 73.8 | 69.4 |
| May | 86.2 | 70.9 | 71.3 | W | 67.6 | 62.9 | 86.1 | 69.0 | 70.5 | 80.8 | 75.2 | 68.4 |
| June | 86.7 | 71.2 | 71.4 | W | W | 62.2 | 86.5 | 70.7 | 70.6 | 81.5 | 77.3 | 69.9 |
| July | 89.6 | 74.0 | 74.0 | W | W | 63.7 | 89.4 | 73.2 | 72.5 | 83.9 | 78.6 | 70.0 |
| August | 91.0 | 69.5 | 75.2 | W | W | 57.6 | 90.9 | 68.8 | 73.4 | 84.3 | 76.3 | 69.8 |
| September | 90.7 | 67.6 | 72.7 | W | W | 57.0 | 90.6 | 67.0 | 69.7 | 82.0 | 72.8 | 64.0 |
| October | 90.1 | 67.5 | 72.4 | W | W | 61.9 | 89.9 | 66.8 | 71.7 | 82.0 | 74.1 | 66.3 |
| November | 90.0 | 70.7 | 75.1 | W | W | 62.7 | 89.8 | 70.7 | 73.5 | 81.9 | 77.1 | 62.9 |
| December | 89.2 | 67.7 | 73.6 | W | W | 60.1 | 89.1 | 67.5 | 71.6 | 81.4 | 76.1 | 64.0 |
| **1988 Average** | **88.3** | **68.3** | **70.6** | W | W | **58.1** | **88.2** | **67.5** | **69.1** | **81.5** | **74.7** | **66.9** |
| **New York** | | | | | | | | | | | | |
| January | 86.8 | 77.3 | 74.4 | 83.1 | 58.6 | 58.9 | 85.6 | 64.8 | 73.3 | 82.7 | 66.9 | 68.9 |
| February | 85.9 | 74.4 | 73.3 | 80.5 | 62.4 | 60.4 | 84.2 | 68.5 | 72.5 | 81.0 | 67.3 | 67.6 |
| March | 84.1 | 72.3 | 72.0 | 78.6 | 59.4 | 58.2 | 82.4 | 63.8 | 71.1 | 79.9 | 66.3 | 67.3 |
| April | 83.6 | 72.7 | 73.6 | 79.3 | 63.0 | 61.9 | 82.2 | 66.3 | 72.7 | 79.4 | 69.9 | 69.1 |
| May | 84.6 | 70.3 | 75.6 | 80.1 | 66.1 | 65.3 | 83.2 | 68.3 | 74.8 | 82.1 | 74.0 | 69.7 |
| June | 85.4 | 76.8 | 76.5 | 83.7 | 68.3 | 65.2 | 84.9 | 70.6 | 75.6 | 80.9 | 75.0 | 72.5 |
| July | 86.2 | 79.2 | 78.0 | 83.0 | 66.4 | 66.7 | 85.2 | 69.3 | 77.0 | 82.5 | 75.4 | 73.5 |
| August | 88.1 | 76.4 | 77.8 | 81.4 | 67.3 | 64.0 | 86.0 | 69.3 | 76.6 | 84.2 | 76.3 | 72.6 |
| September | 88.6 | 74.9 | 76.3 | 80.9 | 64.1 | 61.7 | 86.2 | 67.1 | 75.1 | 85.4 | 69.4 | 69.4 |
| October | 88.1 | 76.7 | 76.8 | 81.1 | 63.1 | 64.5 | 85.7 | 66.2 | 75.7 | 85.0 | 69.0 | 72.4 |
| November | 88.2 | 76.9 | 78.4 | 81.8 | 67.5 | 67.1 | 86.0 | 69.8 | 77.3 | 84.5 | 71.8 | 76.0 |
| December | 87.4 | 76.4 | 78.3 | 81.9 | 68.8 | 63.3 | 85.6 | 70.8 | 76.9 | 85.6 | 70.3 | 72.7 |
| **1988 Average** | **86.5** | **74.9** | **76.0** | **81.3** | **65.3** | **63.5** | **84.8** | **68.2** | **75.0** | **82.6** | **70.7** | **71.1** |
| **Pennsylvania** | | | | | | | | | | | | |
| January | 83.3 | 58.5 | 58.8 | 75.5 | 58.3 | 59.0 | 80.4 | 58.4 | 58.8 | 80.1 | NA | 64.0 |
| February | 79.8 | 59.3 | 59.1 | 74.6 | W | 59.2 | 77.9 | 59.2 | 59.1 | 78.7 | NA | 63.3 |
| March | 77.0 | 56.6 | 59.0 | 72.9 | 58.3 | 55.3 | 75.5 | 57.2 | 58.4 | 77.1 | 77.4 | 62.6 |
| April | 79.3 | 61.2 | 62.9 | 74.3 | W | 60.9 | 77.4 | 61.4 | 62.6 | 79.0 | 80.9 | 65.9 |
| May | 80.9 | 64.4 | 66.1 | 76.8 | 65.9 | 64.1 | 79.4 | 64.7 | 65.8 | 81.0 | 81.4 | 68.0 |
| June | 81.6 | 64.5 | 66.0 | 78.8 | 66.9 | 64.2 | 80.6 | 65.1 | 65.7 | 81.4 | 81.2 | 68.4 |
| July | 83.5 | 67.5 | 67.2 | 77.8 | W | 65.5 | 81.4 | 68.1 | 66.9 | 82.3 | 82.3 | 70.6 |
| August | 83.1 | 68.0 | 65.8 | 79.2 | W | 64.6 | 81.7 | 67.5 | 65.6 | 83.2 | 81.0 | 69.0 |
| September | 82.5 | 62.5 | 63.7 | 78.1 | W | 61.6 | 80.9 | 62.5 | 63.3 | 79.0 | 74.1 | 69.9 |
| October | 82.0 | 62.4 | 65.2 | 77.0 | 63.7 | 63.3 | 80.0 | 62.7 | 64.9 | 79.7 | 74.2 | 66.5 |
| November | 83.0 | 68.7 | 67.4 | 78.0 | 69.7 | 66.5 | 81.0 | 69.0 | 67.2 | 80.5 | 76.1 | 72.8 |
| December | 83.6 | 63.7 | 65.4 | 78.0 | 65.2 | 64.3 | 81.5 | 64.1 | 65.2 | 81.0 | 74.0 | 69.2 |
| **1988 Average** | **81.7** | **63.3** | **64.0** | **76.9** | W | **62.8** | **79.9** | **63.6** | **63.8** | **80.4** | **78.5** | **67.3** |

See footnotes at end of table.

# Table 32. Refiner/Reseller Premium Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Subdistrict IC Average** | | | | | | | | | | | | |
| January | 77.1 | 59.3 | 60.7 | 76.9 | W | 51.1 | 77.1 | 57.1 | 59.7 | 77.5 | 69.5 | 64.0 |
| February | 75.0 | 60.8 | 61.6 | 74.6 | W | 52.7 | 74.9 | 58.6 | 60.6 | 76.2 | 70.1 | 64.5 |
| March | 74.6 | 61.1 | 61.9 | 73.2 | W | 53.4 | 74.4 | 59.2 | 60.8 | 75.3 | 70.1 | 65.6 |
| April | 76.4 | 65.9 | 66.2 | 75.1 | W | 59.1 | 76.2 | 64.0 | 65.3 | 77.9 | 73.2 | 68.9 |
| May | 78.3 | 67.5 | 67.5 | 76.0 | W | 60.3 | 78.0 | 62.2 | 66.6 | 79.6 | 73.1 | 70.1 |
| June | 78.6 | 67.2 | 66.8 | 76.0 | W | 60.4 | 78.2 | 64.7 | 66.1 | 79.1 | 73.6 | 70.3 |
| July | 80.3 | 70.3 | 70.8 | 77.3 | W | 66.1 | 79.9 | 67.4 | 70.2 | 82.5 | 77.7 | 73.7 |
| August | 82.3 | 67.6 | 68.9 | 79.2 | W | 61.2 | 81.8 | 65.1 | 68.0 | 81.6 | 74.5 | 71.1 |
| September | 81.8 | 64.0 | 65.5 | 78.2 | W | 57.2 | 81.2 | 61.4 | 64.6 | 82.7 | 74.5 | 70.7 |
| October | 80.8 | 65.2 | 66.5 | 77.2 | W | 60.5 | 80.3 | 62.1 | 65.8 | 82.0 | 75.4 | 71.9 |
| November | 80.2 | 68.1 | 68.2 | 76.8 | 61.9 | 62.5 | 79.7 | 65.2 | 67.5 | 82.1 | 75.5 | 71.9 |
| December | 79.8 | 63.9 | 65.0 | 76.4 | W | 58.0 | 79.4 | 60.6 | 64.2 | 80.3 | 72.9 | 70.3 |
| **1988 Average** | **78.8** | **65.1** | **65.9** | **76.4** | W | **58.8** | **78.4** | **62.4** | **65.1** | **80.1** | **73.5** | **69.7** |
| **Florida** | | | | | | | | | | | | |
| January | 77.1 | 57.7 | 64.5 | 76.0 | W | 50.9 | 77.0 | 55.3 | 62.8 | 77.1 | 67.3 | 60.8 |
| February | 75.0 | 60.1 | 64.9 | 74.1 | W | 52.9 | 74.9 | 57.1 | 63.3 | 75.5 | 67.0 | 62.5 |
| March | 74.7 | 60.4 | 65.0 | 73.4 | W | 53.7 | 74.6 | 57.9 | 63.3 | 75.9 | 69.7 | 63.6 |
| April | 76.2 | 64.7 | 68.2 | 74.8 | W | 58.8 | 76.0 | 62.8 | 66.8 | 79.4 | 74.0 | 67.2 |
| May | 78.2 | 66.8 | 70.6 | 76.4 | W | 60.5 | 78.0 | 59.2 | 69.2 | 82.3 | 73.7 | 68.9 |
| June | 78.9 | 66.8 | 70.4 | 76.6 | W | 60.8 | 78.6 | 63.6 | 69.0 | 81.2 | 74.2 | 68.7 |
| July | 80.5 | 69.2 | 73.6 | 78.2 | W | 66.1 | 80.3 | 66.0 | 72.4 | 84.0 | 79.9 | 72.4 |
| August | 82.7 | 66.8 | 73.2 | 80.8 | W | 61.6 | 82.5 | 63.8 | 71.5 | 83.7 | 76.4 | 71.7 |
| September | 82.3 | 65.6 | 71.0 | 79.2 | W | 57.4 | 81.9 | 61.0 | 68.9 | 84.5 | 75.5 | 72.3 |
| October | 81.5 | 66.6 | 70.9 | 78.8 | W | 60.3 | 81.3 | 61.4 | 69.5 | 82.5 | 76.2 | 73.0 |
| November | 81.2 | 68.0 | 71.6 | 78.7 | W | 62.6 | 80.9 | 64.6 | 70.4 | 82.3 | 80.1 | 72.7 |
| December | 80.9 | 64.8 | 69.8 | 78.4 | W | 58.2 | 80.7 | 59.5 | 68.2 | 80.2 | 75.0 | 72.4 |
| **1988 Average** | **79.1** | **65.0** | **69.5** | **76.9** | W | **58.9** | **78.9** | **61.2** | **68.0** | **81.1** | **73.9** | **70.5** |
| **Georgia** | | | | | | | | | | | | |
| January | 75.2 | 56.5 | 56.8 | 74.8 | W | 51.5 | 75.1 | 56.2 | 56.1 | 78.6 | 68.4 | 62.1 |
| February | 73.6 | 58.1 | 58.1 | 72.1 | W | 52.7 | 73.4 | 58.0 | 57.4 | 77.5 | 70.4 | 62.7 |
| March | 72.3 | 58.2 | 58.7 | 70.1 | W | 52.7 | 71.9 | 58.0 | 57.8 | 74.2 | 69.4 | 65.2 |
| April | 75.6 | 64.0 | 64.3 | 71.4 | W | 59.0 | 74.9 | 63.5 | 63.5 | 77.5 | 72.7 | 68.4 |
| May | 77.2 | 64.6 | 65.2 | 73.5 | W | 60.3 | 76.6 | 64.3 | 64.5 | 77.8 | 72.0 | 69.9 |
| June | 77.1 | 65.3 | 64.5 | 74.0 | W | 59.9 | 76.6 | 64.7 | 63.9 | 77.6 | 71.1 | 69.6 |
| July | 78.8 | 68.2 | 68.9 | 75.1 | W | 66.0 | 78.2 | 67.9 | 68.5 | 81.5 | 75.2 | 72.4 |
| August | 80.2 | 64.9 | 65.7 | 76.6 | W | 60.5 | 79.6 | 63.9 | 65.0 | 80.5 | 74.0 | 69.4 |
| September | 79.4 | 60.5 | 61.7 | 75.5 | W | 56.6 | 78.7 | 59.3 | 61.1 | 81.2 | 72.7 | 67.1 |
| October | 77.9 | 62.2 | 63.1 | 74.4 | W | 60.2 | 77.3 | 61.0 | 62.7 | 83.6 | 73.6 | 69.4 |
| November | 76.2 | 67.1 | 65.5 | 73.7 | W | 62.0 | 75.8 | 66.0 | 65.0 | 84.1 | 72.2 | 68.9 |
| December | 76.1 | 61.1 | 61.3 | 73.3 | W | 57.2 | 75.6 | 59.9 | 60.8 | 79.7 | 69.3 | 66.5 |
| **1988 Average** | **76.6** | **62.7** | **63.0** | **73.8** | W | **58.5** | **76.2** | **62.0** | **62.4** | **79.8** | **71.8** | **67.8** |
| **North Carolina** | | | | | | | | | | | | |
| January | 75.3 | 56.1 | 55.9 | 76.9 | W | 51.0 | 75.7 | 55.6 | 55.4 | 79.3 | 70.3 | 66.5 |
| February | 72.0 | 55.9 | 57.4 | 73.9 | W | 52.7 | 72.5 | 55.8 | 57.0 | 76.1 | 68.7 | 65.4 |
| March | 71.0 | 56.0 | 58.1 | 71.8 | W | 53.3 | 71.2 | 55.5 | 57.5 | 75.1 | 68.2 | 66.1 |
| April | 73.3 | 63.0 | 63.6 | 77.3 | W | 59.3 | 74.3 | 62.2 | 63.1 | 76.4 | 72.0 | 69.6 |
| May | 75.8 | W | 64.2 | 74.6 | W | 59.9 | 75.5 | 62.4 | 63.7 | 79.0 | 73.3 | 70.1 |
| June | 76.1 | 64.7 | 63.2 | 74.2 | W | 60.2 | 75.6 | 63.9 | 62.9 | 79.0 | 74.5 | 70.5 |
| July | 78.1 | 68.5 | 68.2 | W | W | 66.1 | 77.5 | 68.1 | 68.0 | 81.7 | 78.8 | 74.2 |
| August | 80.3 | 66.0 | 64.8 | 77.8 | 59.9 | 60.6 | 79.6 | 65.3 | 64.3 | 79.9 | 73.4 | 71.2 |
| September | 79.8 | 59.4 | 60.1 | 76.9 | 57.9 | 56.9 | 78.9 | 59.2 | 59.7 | 83.6 | 76.0 | 72.4 |
| October | 78.8 | 60.3 | 62.2 | 74.0 | W | 60.3 | 77.3 | 60.3 | 62.0 | 80.9 | 76.2 | 74.3 |
| November | 77.8 | 65.2 | 65.0 | 74.1 | W | 61.9 | 76.7 | 64.9 | 64.5 | 81.9 | 76.3 | 73.0 |
| December | 76.7 | 59.8 | 60.2 | W | W | 57.5 | 75.7 | 59.5 | 59.9 | 81.8 | 73.0 | 70.6 |
| **1988 Average** | **76.2** | **61.5** | **62.1** | **75.0** | **58.7** | **58.7** | **75.9** | **61.2** | **61.7** | **79.8** | **73.6** | **70.2** |

See footnotes at end of table.

# Table 32. Refiner/Reseller Premium Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **South Carolina** | | | | | | | | | | | | |
| January | 75.2 | 66.3 | 56.9 | 78.0 | W | 50.3 | 75.7 | 66.1 | 56.2 | 75.6 | 71.6 | 64.7 |
| February | 73.6 | 65.4 | 58.3 | W | W | 52.3 | 74.0 | 65.0 | 57.8 | 75.1 | 71.2 | 65.2 |
| March | 73.7 | 65.9 | 58.9 | 73.5 | W | 53.1 | 73.7 | 65.7 | 58.3 | 75.9 | 71.1 | 67.2 |
| April | 74.3 | 68.2 | 64.1 | 75.3 | W | 59.2 | 74.5 | 68.0 | 63.6 | 78.5 | 74.7 | 69.7 |
| May | 76.1 | 71.0 | 64.8 | 76.8 | W | 59.4 | 76.2 | 70.6 | 64.3 | 78.5 | 74.0 | 71.6 |
| June | 76.2 | 69.2 | 63.9 | W | W | 59.8 | 75.9 | 68.9 | 63.5 | 78.9 | 74.1 | 71.6 |
| July | 78.6 | 73.9 | 68.5 | 75.9 | W | 66.0 | 78.1 | 73.3 | 68.3 | 83.9 | 73.5 | 75.2 |
| August | 80.3 | 69.6 | 65.6 | 78.6 | W | 61.0 | 80.0 | 68.7 | 65.2 | 82.7 | 73.5 | 72.6 |
| September | 78.6 | 63.7 | 61.3 | 78.2 | W | 56.9 | 78.5 | 62.7 | 60.9 | 78.7 | 76.0 | 69.4 |
| October | 77.1 | 65.0 | 62.8 | 78.6 | W | 60.5 | 77.4 | 64.0 | 62.6 | 78.5 | 78.2 | 70.2 |
| November | 76.5 | 68.8 | 65.3 | W | W | 62.8 | 76.4 | 67.8 | 65.0 | 78.2 | 74.9 | 72.6 |
| December | 75.6 | 63.9 | 61.0 | W | W | 58.2 | 75.7 | 63.2 | 60.6 | 78.8 | 70.9 | 68.1 |
| **1988 Average** | **76.4** | **67.3** | **62.9** | **76.4** | W | **58.5** | **76.4** | **66.6** | **62.4** | **78.8** | **73.6** | **70.1** |
| **Virginia** | | | | | | | | | | | | |
| January | 79.6 | W | 63.4 | 80.3 | W | 51.1 | 79.7 | 57.1 | 62.4 | 76.9 | 72.5 | 61.4 |
| February | 76.8 | 60.7 | 64.3 | 78.5 | W | 52.7 | 77.1 | 59.9 | 63.2 | 76.7 | 73.5 | 63.5 |
| March | 77.7 | W | 64.7 | 77.7 | W | 53.5 | 77.7 | 58.9 | 63.5 | 75.8 | 73.3 | 62.7 |
| April | 79.1 | 66.3 | 68.1 | 78.3 | W | 59.5 | 78.9 | 65.5 | 67.3 | 76.2 | 73.8 | 68.0 |
| May | 80.5 | W | 68.9 | 79.5 | W | 60.0 | 80.3 | 66.6 | 68.2 | 79.1 | 73.5 | 68.3 |
| June | 79.7 | 66.6 | 68.3 | 80.0 | W | 60.6 | 79.8 | 65.9 | 67.6 | 77.8 | 74.4 | 68.6 |
| July | 81.3 | W | 71.6 | 80.3 | W | 66.5 | 81.2 | 70.0 | 71.2 | 80.2 | 79.4 | 72.8 |
| August | 83.3 | 66.8 | 70.2 | W | W | 61.9 | 82.9 | 65.2 | 69.6 | 79.9 | 74.7 | 69.4 |
| September | 83.3 | 62.0 | 67.2 | 80.9 | W | 57.7 | 82.9 | 61.2 | 66.5 | 82.6 | 73.7 | 67.8 |
| October | 82.5 | 64.7 | 68.0 | W | 60.2 | 61.4 | 82.2 | 62.5 | 67.5 | 82.1 | 74.8 | 68.5 |
| November | 82.1 | 67.4 | 69.2 | W | 60.3 | 63.7 | 81.8 | 63.5 | 68.8 | 81.7 | 74.8 | 70.8 |
| December | 82.4 | 63.6 | 66.9 | W | 59.1 | 59.1 | 82.0 | 62.2 | 66.4 | 81.5 | 75.1 | 68.7 |
| **1988 Average** | **80.8** | **64.4** | **67.7** | **79.9** | **60.1** | **59.1** | **80.6** | **63.0** | **67.0** | **79.7** | **74.5** | **67.8** |
| **West Virginia** | | | | | | | | | | | | |
| January | 84.4 | 65.0 | 60.4 | 71.9 | W | 55.9 | 84.1 | 64.9 | 60.1 | 75.8 | 66.7 | 70.1 |
| February | 83.0 | 64.9 | 61.6 | 70.5 | W | 52.1 | 82.7 | 64.8 | 60.2 | 73.8 | 68.4 | 70.7 |
| March | 82.0 | 65.1 | 61.0 | 69.4 | W | 57.5 | 81.7 | 65.0 | 60.8 | NA | 69.2 | 69.4 |
| April | 83.1 | 68.9 | 64.5 | 71.8 | W | 63.5 | 82.8 | 68.8 | 64.5 | 76.0 | 71.9 | 71.1 |
| May | 85.8 | 72.4 | 67.2 | 73.3 | W | 61.3 | 85.4 | 72.3 | 66.5 | 75.4 | 72.6 | 73.0 |
| June | 86.2 | 70.1 | 67.2 | 72.0 | W | 60.8 | 85.8 | 70.0 | 66.4 | 76.6 | 75.9 | 74.1 |
| July | 87.7 | 73.9 | 70.6 | 75.3 | W | 66.3 | 87.4 | 73.8 | 70.0 | 81.6 | 81.7 | 76.1 |
| August | 88.9 | 75.7 | 70.3 | 77.5 | W | 65.7 | 88.6 | 75.5 | 70.0 | 82.0 | 77.5 | 74.8 |
| September | 89.3 | 71.3 | 66.4 | 75.8 | W | 61.8 | 88.9 | 71.1 | 66.2 | 81.4 | 72.4 | 73.0 |
| October | 88.3 | 70.8 | 66.4 | 74.3 | W | 63.1 | 87.9 | 70.6 | 66.2 | 81.9 | 70.5 | 72.8 |
| November | 88.9 | 73.4 | 68.5 | 75.6 | W | 67.5 | 88.6 | 73.0 | 68.4 | 82.2 | 76.4 | 74.4 |
| December | 88.2 | 70.7 | 66.4 | W | W | 63.2 | 87.7 | 70.4 | 66.2 | 82.3 | 72.6 | 72.3 |
| **1988 Average** | **86.5** | **70.1** | **66.0** | **73.5** | W | **61.2** | **86.1** | **70.0** | **65.6** | **78.6** | **73.7** | **72.7** |
| **PAD District II Average** | | | | | | | | | | | | |
| January | 77.1 | 59.5 | 60.9 | 69.9 | 53.0 | 52.5 | 75.6 | 59.2 | 60.0 | 70.3 | 65.2 | 59.9 |
| February | 75.8 | 60.0 | 61.6 | 69.3 | 54.6 | 53.9 | 74.4 | 59.8 | 60.8 | 69.7 | 66.4 | 62.5 |
| March | 74.7 | 60.9 | 61.6 | 67.9 | 54.8 | 54.5 | 73.2 | 60.6 | 60.8 | 69.9 | 68.8 | 63.6 |
| April | 79.4 | 65.2 | 66.8 | 72.7 | 60.2 | 60.5 | 77.9 | 65.1 | 66.1 | 75.1 | 71.6 | 68.6 |
| May | 82.2 | 68.1 | 68.8 | 75.0 | 61.4 | 61.1 | 80.6 | 67.9 | 67.9 | 76.4 | 72.0 | 68.8 |
| June | 80.9 | 68.3 | 67.4 | 73.4 | 59.5 | 60.2 | 79.2 | 67.8 | 66.5 | 76.2 | 72.2 | 68.2 |
| July | 83.2 | 70.2 | 72.2 | 75.9 | 64.0 | 66.5 | 81.6 | 69.6 | 71.5 | 79.8 | 76.3 | 72.9 |
| August | 86.3 | 69.7 | 71.5 | 78.5 | 63.8 | 64.0 | 84.4 | 69.2 | 70.6 | 81.1 | 73.8 | 70.9 |
| September | 83.2 | 67.6 | 66.7 | 75.5 | 57.6 | 57.9 | 81.4 | 66.8 | 65.7 | 77.9 | 74.1 | 66.2 |
| October | 80.5 | 64.5 | 66.1 | 72.9 | 56.7 | 59.3 | 78.7 | 63.7 | 65.2 | 76.2 | 73.9 | 66.4 |
| November | 81.2 | 67.7 | 68.4 | 74.1 | 59.0 | 61.6 | 79.5 | 67.2 | 67.5 | 77.3 | 75.1 | 67.3 |
| December | 79.4 | 66.4 | 63.9 | 71.8 | 55.5 | 56.4 | 77.4 | 65.6 | 63.0 | 75.3 | 73.0 | 64.9 |
| **1988 Average** | **80.4** | **66.0** | **66.5** | **73.3** | **59.1** | **59.4** | **78.8** | **65.6** | **65.6** | **75.6** | **72.3** | **67.0** |

See footnotes at end of table.

# Table 32. Refiner/Reseller Premium Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Illinois** | | | | | | | | | | | | |
| January | 79.2 | 59.5 | 63.6 | W | - | 52.8 | 77.3 | 59.5 | 63.4 | 72.6 | 66.3 | 61.7 |
| February | 79.3 | 60.2 | 66.0 | W | - | 52.7 | 77.2 | 60.2 | 65.4 | 72.3 | 67.3 | 61.4 |
| March | 77.0 | W | 64.2 | W | - | 53.9 | 74.8 | W | 63.9 | 72.9 | 69.4 | 63.1 |
| April | 80.4 | 61.8 | 68.4 | W | - | 59.9 | 78.4 | 61.8 | 68.1 | 76.6 | 73.5 | 67.0 |
| May | 82.5 | W | 70.3 | W | - | 60.8 | 80.5 | W | 70.0 | 76.9 | 73.5 | 68.0 |
| June | 82.1 | 69.6 | 70.2 | W | - | 59.6 | 79.8 | 69.6 | 69.9 | 76.6 | 73.5 | 67.8 |
| July | 84.2 | W | 75.0 | W | W | 67.6 | 82.3 | 66.1 | 74.8 | 80.0 | 75.9 | 72.8 |
| August | 87.7 | 63.9 | 75.8 | W | W | 65.6 | 85.8 | 63.9 | 75.4 | 82.4 | 76.2 | 72.5 |
| September | 86.2 | W | 71.8 | W | W | 57.7 | 84.0 | W | 71.2 | 78.5 | 71.3 | 63.7 |
| October | 84.0 | 69.2 | 70.2 | W | W | 60.4 | 81.7 | 69.1 | 69.8 | 77.5 | 72.9 | 66.6 |
| November | 82.8 | 64.1 | 70.9 | W | - | 63.0 | 80.9 | 64.1 | 70.7 | 78.0 | 74.4 | 69.1 |
| December | 79.6 | 69.4 | 66.4 | W | - | 57.3 | 77.8 | 69.4 | 66.1 | 76.7 | 72.0 | 63.9 |
| **1988 Average** | **82.2** | **64.2** | **69.4** | W | W | **59.5** | **80.2** | **64.2** | **69.1** | **76.6** | **72.2** | **66.8** |
| **Indiana** | | | | | | | | | | | | |
| January | 67.7 | 56.5 | 59.4 | W | - | 52.7 | 67.0 | 56.5 | 59.0 | 65.7 | 66.7 | 59.9 |
| February | 68.9 | 59.6 | 60.8 | W | - | 54.1 | 68.1 | 59.6 | 60.4 | 66.9 | 67.3 | 60.7 |
| March | 66.5 | 57.7 | 61.4 | W | - | 54.9 | 65.9 | 57.7 | 61.0 | 67.9 | 72.3 | 61.8 |
| April | 72.7 | 62.6 | 67.4 | W | - | 60.9 | 72.4 | 62.6 | 67.0 | 76.3 | 73.4 | 67.2 |
| May | 75.6 | 71.8 | 69.0 | W | - | 61.6 | 74.2 | 71.8 | 68.5 | 76.6 | 72.4 | 66.5 |
| June | 72.4 | 67.1 | 66.6 | W | - | 61.0 | 71.3 | 67.1 | 66.3 | 74.8 | 73.0 | 67.6 |
| July | 75.4 | 74.1 | 72.2 | W | - | 68.5 | 74.7 | 74.1 | 72.0 | 78.9 | 79.3 | 70.8 |
| August | 78.4 | 72.0 | 71.3 | W | - | 65.8 | 77.5 | 72.0 | 71.1 | 80.4 | 76.0 | 70.1 |
| September | 73.4 | 61.8 | 65.8 | W | - | 58.8 | 72.5 | 61.8 | 65.5 | 76.7 | 76.6 | 67.8 |
| October | 69.5 | 64.1 | 65.3 | W | - | 60.2 | 68.8 | 64.1 | 64.9 | 74.7 | 80.7 | 67.5 |
| November | 74.9 | 70.1 | 69.0 | W | - | 61.6 | 73.8 | 70.1 | 68.3 | 77.7 | 78.3 | 69.0 |
| December | 71.8 | W | 64.1 | W | - | 55.8 | 70.5 | W | 63.2 | 71.2 | 75.1 | 65.1 |
| **1988 Average** | **72.4** | **64.8** | **66.2** | W | - | **59.6** | **71.5** | **64.8** | **65.8** | **73.5** | **74.2** | **66.9** |
| **Iowa** | | | | | | | | | | | | |
| January | 71.2 | - | 59.8 | 63.7 | - | 52.6 | 65.3 | - | 59.0 | 75.8 | 67.0 | 62.5 |
| February | 70.5 | W | 61.1 | 63.6 | - | 54.4 | 65.0 | W | 60.4 | 74.2 | 69.7 | 63.9 |
| March | 70.3 | W | 62.1 | 64.3 | - | 55.4 | 65.5 | W | 61.4 | 73.2 | 69.3 | 63.2 |
| April | 76.3 | - | 67.9 | 71.6 | - | 60.7 | 72.6 | - | 67.1 | 78.4 | 68.2 | 70.2 |
| May | 80.0 | W | 69.9 | 73.7 | W | 61.4 | 75.0 | W | 69.2 | 79.1 | 71.7 | 70.7 |
| June | 78.8 | W | 68.4 | 72.0 | W | 59.9 | 73.3 | W | 67.4 | 78.4 | 70.7 | 67.5 |
| July | 79.3 | W | 71.7 | 74.8 | - | 65.3 | 75.5 | W | 71.0 | 80.1 | 72.5 | 72.1 |
| August | 83.2 | W | 72.5 | 77.1 | - | 63.8 | 78.3 | W | 71.4 | 81.8 | 76.6 | 72.2 |
| September | 78.1 | W | 66.4 | 73.8 | - | 57.2 | 74.5 | W | 65.3 | 76.8 | 79.9 | 67.2 |
| October | 73.8 | W | 64.5 | 70.3 | - | 57.4 | 71.0 | W | 63.4 | 78.0 | 78.7 | 69.6 |
| November | 73.5 | W | 66.0 | 70.2 | - | 59.4 | 70.9 | W | 65.1 | 74.9 | 79.0 | 69.9 |
| December | 73.9 | W | 63.5 | 71.0 | - | 54.4 | 71.6 | W | 62.3 | 78.3 | 78.7 | 67.8 |
| **1988 Average** | **75.5** | W | **66.4** | **70.7** | W | **58.7** | **71.6** | W | **65.5** | **77.7** | **72.3** | **68.4** |
| **Kansas** | | | | | | | | | | | | |
| January | 73.8 | W | 57.8 | 71.1 | W | 50.8 | 72.6 | 51.3 | 55.9 | 73.1 | 73.6 | 51.8 |
| February | 73.3 | W | 59.0 | 69.6 | - | 52.3 | 71.7 | W | 56.9 | 72.6 | W | 55.0 |
| March | 71.6 | W | 59.4 | 69.0 | W | 53.3 | 70.6 | 53.3 | 57.5 | 72.1 | 59.2 | 57.9 |
| April | 75.1 | W | 65.6 | 73.3 | W | 58.8 | 74.3 | 58.6 | 63.5 | 75.3 | 74.4 | 61.0 |
| May | 78.6 | W | 67.2 | 76.7 | W | 60.0 | 77.8 | 60.4 | 65.2 | 77.2 | W | 61.9 |
| June | 78.3 | W | 65.2 | 75.8 | W | 58.0 | 77.2 | 58.8 | 62.9 | 76.3 | 76.8 | 61.7 |
| July | 80.0 | W | 69.8 | 78.4 | W | 64.2 | 79.2 | 63.1 | 67.9 | 80.6 | W | 66.6 |
| August | 79.8 | W | 69.1 | 78.7 | W | 61.9 | 79.2 | 64.3 | 66.7 | 78.7 | 67.4 | 64.6 |
| September | 77.0 | W | 62.6 | 73.7 | W | 55.3 | 75.3 | 57.2 | 59.4 | 74.2 | NA | 61.3 |
| October | 73.9 | W | 61.0 | 71.2 | W | 55.6 | 72.6 | 56.0 | 59.2 | 71.7 | 73.8 | 58.9 |
| November | 75.5 | W | 63.7 | 72.6 | W | 56.8 | 74.0 | 59.0 | 60.8 | 72.7 | 60.0 | 61.4 |
| December | 75.1 | W | 60.0 | 71.8 | W | 52.6 | 73.5 | 55.3 | 57.2 | 72.2 | 55.3 | 56.8 |
| **1988 Average** | **76.1** | W | **63.5** | **73.8** | **59.0** | **56.7** | **75.0** | **57.8** | **61.2** | **74.4** | **69.7** | **59.8** |

See footnotes at end of table.

# Table 32. Refiner/Reseller Premium Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Kentucky** | | | | | | | | | | | | |
| January | 74.5 | 60.5 | 58.7 | 73.3 | - | 53.0 | 74.4 | 60.5 | 58.5 | 68.9 | 63.4 | 67.5 |
| February | 73.2 | 60.8 | 59.7 | 75.1 | - | 54.5 | 73.4 | 60.8 | 59.5 | 68.6 | 63.2 | 67.5 |
| March | 74.0 | 61.7 | 60.6 | 75.0 | - | 55.0 | 74.1 | 61.7 | 60.4 | 70.4 | 63.7 | 66.5 |
| April | 80.1 | 67.0 | 66.6 | 78.2 | - | 60.5 | 79.9 | 67.0 | 66.3 | 76.6 | 70.2 | 72.3 |
| May | 83.7 | 69.6 | 69.3 | 80.7 | - | 60.4 | 83.4 | 69.6 | 68.7 | 80.9 | 69.2 | 72.1 |
| June | 82.9 | 68.4 | 67.9 | 79.5 | - | 59.6 | 82.6 | 68.4 | 67.4 | 79.8 | 70.4 | 72.8 |
| July | 82.8 | 73.3 | 72.6 | 80.0 | - | 66.6 | 82.5 | 73.3 | 72.2 | 81.6 | 75.1 | 74.7 |
| August | 87.5 | 72.6 | 69.6 | 81.8 | - | 63.6 | 87.0 | 72.6 | 69.4 | 82.5 | 71.2 | 72.2 |
| September | 83.7 | 66.4 | 63.4 | 80.4 | - | 57.4 | 83.4 | 66.4 | 63.2 | 80.4 | 75.7 | 70.4 |
| October | 79.5 | 66.2 | 64.2 | 79.0 | - | 60.8 | 79.5 | 66.2 | 64.0 | 78.0 | 75.8 | 71.0 |
| November | 82.2 | 71.0 | 68.0 | 79.2 | - | 63.1 | 82.0 | 71.0 | 67.7 | 79.4 | 77.1 | 71.7 |
| December | 81.5 | 67.2 | 64.2 | 76.5 | - | 58.4 | 81.0 | 67.2 | 63.9 | 78.8 | 73.4 | 70.1 |
| **1988 Average** | **80.7** | **67.2** | **65.5** | **78.1** | **-** | **60.0** | **80.5** | **67.2** | **65.2** | **77.0** | **73.5** | **71.0** |
| **Michigan** | | | | | | | | | | | | |
| January | 75.4 | 63.4 | 64.0 | 71.1 | - | 54.8 | 73.6 | 63.4 | 63.2 | 71.5 | 68.7 | 64.0 |
| February | 73.9 | 63.7 | 63.1 | 70.0 | - | 55.7 | 72.2 | 63.7 | 62.4 | 67.7 | 69.2 | 63.3 |
| March | 70.5 | 63.4 | 62.6 | 67.9 | - | 56.1 | 69.3 | 63.4 | 61.9 | 68.1 | 69.0 | 64.9 |
| April | 76.4 | 68.7 | 68.3 | 73.4 | - | 62.0 | 75.0 | 68.7 | 67.6 | 71.1 | 71.8 | 70.2 |
| May | 79.7 | 72.0 | 70.7 | 76.3 | - | 62.8 | 78.1 | 72.0 | 69.8 | 75.2 | 76.5 | 70.0 |
| June | 77.5 | 71.4 | 68.6 | 75.1 | - | 60.8 | 76.3 | 71.4 | 67.7 | 74.7 | 73.5 | 70.7 |
| July | 80.2 | 73.1 | 73.3 | 76.7 | - | 68.8 | 78.6 | 73.1 | 72.7 | 78.8 | 75.8 | 73.7 |
| August | 83.6 | 76.4 | 75.0 | 79.2 | W | 68.0 | 81.5 | 76.4 | 74.2 | 81.2 | 73.9 | 74.5 |
| September | 80.9 | 72.9 | 69.8 | W | - | 60.4 | 79.0 | 72.9 | 68.8 | 78.1 | 69.7 | 64.9 |
| October | 77.4 | 69.7 | 68.5 | W | - | 61.3 | 76.0 | 69.7 | 67.7 | 75.8 | 67.6 | 64.9 |
| November | 78.9 | 72.2 | 71.6 | 75.4 | - | 66.6 | 77.2 | 72.2 | 71.0 | 78.3 | 72.1 | 67.9 |
| December | 77.0 | 72.5 | 68.2 | 73.0 | - | 60.0 | 75.1 | 72.5 | 67.1 | 76.6 | 73.1 | 64.3 |
| **1988 Average** | **77.7** | **70.0** | **68.9** | **74.3** | **W** | **62.1** | **76.1** | **70.0** | **68.1** | **75.2** | **71.8** | **68.1** |
| **Minnesota** | | | | | | | | | | | | |
| January | 74.3 | W | 62.7 | 75.2 | W | 54.0 | 74.4 | 54.5 | 59.7 | 75.8 | 77.7 | 57.9 |
| February | 72.0 | W | 62.3 | 71.8 | W | 55.3 | 72.0 | 55.5 | 60.0 | 74.1 | W | 58.9 |
| March | 70.2 | 61.3 | 62.7 | 68.4 | - | 56.5 | 70.1 | 61.3 | 60.3 | 74.5 | W | 60.0 |
| April | 74.5 | 67.8 | 68.5 | 73.0 | W | 62.3 | 74.3 | 67.0 | 66.1 | 75.2 | W | 65.6 |
| May | 78.3 | 68.0 | 70.8 | 77.4 | W | 62.4 | 78.2 | 67.5 | 67.9 | 78.1 | 71.9 | 65.5 |
| June | 78.8 | 64.6 | 69.8 | 76.8 | W | 62.1 | 78.6 | 64.5 | 66.6 | 79.7 | W | 65.4 |
| July | 81.0 | 69.5 | 73.5 | 79.4 | W | 68.2 | 80.8 | 69.4 | 71.5 | 82.2 | 80.4 | 71.6 |
| August | 84.5 | W | 74.3 | 83.3 | W | 66.9 | 84.3 | 67.9 | 72.1 | 82.9 | 80.3 | 68.6 |
| September | 82.7 | 68.2 | 69.9 | 81.5 | W | 61.2 | 82.5 | 67.7 | 66.9 | 82.3 | 76.6 | 65.7 |
| October | 80.1 | 63.1 | 67.4 | 79.1 | - | 60.2 | 79.9 | 63.1 | 64.7 | 81.3 | W | 66.3 |
| November | 78.3 | 63.3 | 66.8 | 77.6 | W | 61.1 | 78.2 | 63.3 | 64.9 | 80.6 | NA | 64.3 |
| December | 75.6 | 61.2 | 63.7 | 75.0 | W | 57.2 | 75.5 | 61.1 | 61.3 | 77.5 | W | 62.9 |
| **1988 Average** | **77.6** | **64.3** | **67.7** | **77.6** | **W** | **60.7** | **77.6** | **64.2** | **65.2** | **79.5** | **75.0** | **64.9** |
| **Missouri** | | | | | | | | | | | | |
| January | 76.9 | W | 62.0 | 72.8 | W | 51.0 | 75.3 | 56.6 | 60.4 | 75.4 | 63.4 | 57.8 |
| February | 75.9 | W | 62.5 | 71.4 | - | 52.9 | 74.2 | W | 60.9 | 73.6 | 67.2 | 59.0 |
| March | 74.6 | 58.5 | 62.1 | 70.1 | W | 53.5 | 72.9 | 56.9 | 60.6 | 71.0 | 70.3 | 60.2 |
| April | 77.1 | W | 66.5 | 72.6 | W | 59.3 | 75.4 | 61.9 | 65.4 | 73.9 | 73.8 | 65.7 |
| May | 78.8 | W | 67.8 | 74.8 | W | 59.8 | 77.3 | 63.9 | 66.3 | 75.7 | 74.9 | 64.8 |
| June | 78.4 | W | 66.4 | 73.7 | W | 59.1 | 76.7 | 62.2 | 64.3 | 76.4 | 74.8 | 64.4 |
| July | 80.2 | W | 70.7 | 75.5 | W | 62.8 | 78.6 | 64.6 | 68.7 | 78.7 | 78.6 | 70.0 |
| August | 81.2 | W | 70.0 | 76.9 | W | 61.6 | 79.7 | 66.0 | 67.5 | 79.4 | 77.2 | 67.0 |
| September | 79.6 | W | 66.1 | 73.4 | W | 55.9 | 77.4 | 60.0 | 64.1 | 75.8 | 68.6 | 64.4 |
| October | 78.0 | W | 64.5 | 72.0 | W | 56.6 | 75.8 | W | 62.9 | 74.4 | 68.2 | 62.2 |
| November | 78.3 | W | 66.0 | 71.8 | W | 59.0 | 75.9 | W | 64.7 | 74.9 | 69.9 | 64.5 |
| December | 77.7 | W | 62.5 | 70.2 | W | 53.8 | 74.9 | W | 60.9 | 73.9 | 71.1 | 61.9 |
| **1988 Average** | **78.2** | **63.1** | **65.7** | **73.0** | **59.8** | **58.0** | **76.3** | **60.7** | **64.1** | **75.4** | **72.5** | **63.6** |

See footnotes at end of table.

# Table 32. Refiner/Reseller Premium Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Nebraska** | | | | | | | | | | | | |
| January | W | - | 58.6 | 62.2 | - | 51.6 | 63.1 | - | 58.0 | 61.6 | W | 54.8 |
| February | W | - | 60.3 | 65.8 | - | 53.2 | 66.3 | - | 59.8 | 65.3 | W | 58.7 |
| March | W | W | 61.1 | 65.7 | - | 55.0 | 66.1 | W | 60.7 | 65.2 | 62.7 | 60.0 |
| April | W | NA | 67.4 | 71.2 | - | 60.8 | 71.7 | NA | 66.8 | 70.7 | 68.3 | 66.3 |
| May | W | - | 68.8 | 72.8 | - | 60.7 | 73.1 | - | 68.2 | 71.6 | W | 67.0 |
| June | W | W | 67.6 | 71.2 | - | 60.3 | 72.0 | W | 67.0 | 69.9 | 68.6 | 63.7 |
| July | W | W | 70.9 | 73.6 | - | 65.8 | 74.4 | W | 70.5 | 75.4 | 76.5 | 69.0 |
| August | W | - | 71.5 | 75.3 | - | 63.5 | 76.0 | - | 70.8 | 78.1 | W | 69.0 |
| September | W | - | 65.0 | 72.2 | - | 58.6 | 73.1 | - | 64.5 | 75.3 | W | 62.6 |
| October | W | - | 63.1 | 68.4 | - | 57.5 | 69.8 | - | 62.6 | 72.6 | W | 62.6 |
| November | W | W | 65.3 | 69.6 | - | 57.9 | 70.6 | W | 64.7 | 75.9 | W | 63.9 |
| December | W | - | 61.7 | 68.1 | - | 53.5 | 68.9 | - | 60.9 | 69.8 | W | 61.0 |
| **1988 Average** | W | W | **65.4** | **70.0** | - | **58.4** | **70.6** | W | **64.8** | **70.4** | **68.6** | **63.1** |
| **North Dakota** | | | | | | | | | | | | |
| January | W | - | W | W | - | 53.9 | 79.7 | - | 63.2 | 71.7 | W | 62.3 |
| February | W | - | W | - | - | 55.2 | W | - | 63.6 | 68.8 | W | 60.4 |
| March | W | W | 65.8 | W | - | 56.5 | 77.7 | W | 65.0 | 69.9 | W | 62.1 |
| April | W | W | W | - | - | 61.9 | W | W | 69.5 | 74.1 | W | 67.0 |
| May | W | W | W | - | - | 63.6 | W | W | 74.3 | 78.0 | - | 65.1 |
| June | W | W | 74.4 | - | - | 62.6 | W | W | 72.9 | 79.0 | W | 63.7 |
| July | W | W | 76.2 | W | - | 67.6 | 83.0 | W | 75.1 | 80.7 | W | 70.9 |
| August | W | W | 79.2 | W | - | 67.1 | 87.2 | W | 77.7 | 83.9 | W | 64.6 |
| September | W | W | 75.4 | W | - | 62.0 | 86.2 | W | 73.9 | 81.6 | 83.8 | 62.7 |
| October | 80.6 | W | 69.1 | W | - | 60.4 | 80.4 | W | 67.9 | 77.5 | 74.5 | 64.2 |
| November | 80.6 | W | 68.8 | W | - | 61.0 | 79.9 | W | 67.8 | 79.1 | 76.2 | 62.3 |
| December | 82.9 | W | 66.9 | W | - | 57.8 | 82.8 | W | 65.8 | 77.0 | 79.4 | 59.7 |
| **1988 Average** | **82.6** | **62.3** | **71.2** | **78.2** | - | **61.4** | **82.4** | **62.3** | **70.1** | **77.4** | **79.4** | **64.3** |
| **Ohio** | | | | | | | | | | | | |
| January | 82.6 | 61.8 | 61.5 | W | - | 54.5 | 81.9 | 61.8 | 61.2 | 67.6 | 65.2 | 64.2 |
| February | 80.3 | 62.5 | 61.6 | W | W | 56.1 | 79.6 | 62.5 | 61.4 | 65.8 | 67.1 | 64.5 |
| March | 79.5 | 63.9 | 62.5 | W | W | 56.2 | 78.8 | 63.9 | 62.2 | 67.0 | 68.1 | 64.0 |
| April | 84.4 | 68.6 | 67.5 | W | W | 62.3 | 83.7 | 68.5 | 67.3 | 74.3 | 71.6 | 69.2 |
| May | 88.0 | 70.3 | 70.7 | W | - | 62.8 | 87.2 | 70.3 | 70.1 | 74.0 | 72.5 | 71.0 |
| June | 86.0 | 71.2 | 68.2 | W | - | 61.7 | 84.8 | 71.2 | 67.9 | 71.9 | 72.3 | 68.2 |
| July | 88.1 | 72.8 | 72.9 | W | W | 68.7 | 87.0 | 72.7 | 72.7 | 80.7 | 76.5 | 70.8 |
| August | 91.7 | 70.6 | 70.6 | W | W | 65.3 | 90.5 | 70.6 | 70.3 | 79.8 | 74.0 | 67.5 |
| September | 88.0 | 69.6 | 66.8 | W | W | 58.8 | 86.6 | 69.4 | 66.4 | 78.8 | 74.9 | 70.3 |
| October | 85.5 | 65.2 | 67.3 | W | W | 61.6 | 84.1 | 65.0 | 66.9 | 77.2 | 72.9 | 69.6 |
| November | 85.9 | 69.5 | 69.4 | W | W | 64.6 | 84.8 | 69.5 | 69.0 | 78.1 | 75.2 | 71.6 |
| December | 84.4 | 68.5 | 63.0 | W | W | 59.0 | 82.6 | 68.5 | 62.8 | 75.5 | 72.4 | 68.8 |
| **1988 Average** | **85.4** | **68.5** | **66.9** | W | W | **61.5** | **84.3** | **68.4** | **66.6** | **73.3** | **73.0** | **68.4** |
| **Oklahoma** | | | | | | | | | | | | |
| January | 64.1 | 51.1 | 51.9 | 66.3 | W | 50.3 | 64.6 | 51.1 | 51.4 | 71.3 | 58.6 | W |
| February | 66.4 | 52.6 | 53.5 | 64.3 | W | 52.1 | 65.9 | 52.6 | 53.1 | 69.3 | 59.7 | 60.7 |
| March | 67.2 | 52.9 | 54.5 | 65.5 | W | 53.2 | 66.8 | 52.9 | 54.2 | 70.4 | 64.5 | 62.5 |
| April | 73.0 | W | 60.3 | 70.6 | W | 58.7 | 72.5 | W | 59.8 | 74.6 | 65.9 | 66.8 |
| May | 75.1 | 59.7 | 61.2 | 74.8 | W | 59.8 | 75.1 | 59.8 | 60.9 | 77.3 | 69.8 | 66.0 |
| June | 73.3 | 59.3 | 60.2 | 72.4 | 58.5 | 58.1 | 73.1 | 59.2 | 59.6 | 77.4 | NA | 67.8 |
| July | 77.0 | 62.7 | 64.9 | 74.3 | W | 62.8 | 76.4 | 62.8 | 64.3 | 78.2 | 71.3 | 68.7 |
| August | 78.2 | 63.3 | 63.5 | 76.8 | W | 61.2 | 77.9 | 62.7 | 62.9 | 79.4 | 74.3 | 65.9 |
| September | 73.0 | 57.4 | 57.9 | 72.6 | W | 55.4 | 72.9 | 56.9 | 57.2 | 75.2 | 69.3 | 64.0 |
| October | 71.0 | W | 57.1 | 68.2 | W | 54.9 | 70.4 | 55.9 | 56.4 | 72.8 | 65.9 | 63.3 |
| November | 72.3 | W | 59.8 | 70.1 | W | 57.1 | 71.9 | 58.1 | 58.9 | 73.8 | 67.7 | 61.7 |
| December | 70.6 | 54.3 | 55.1 | 68.3 | W | 52.8 | 70.1 | 54.1 | 54.5 | 71.5 | 65.9 | 62.9 |
| **1988 Average** | **71.9** | **57.3** | **58.6** | **70.3** | **57.9** | **56.4** | **71.5** | **57.4** | **58.0** | **74.4** | **67.8** | **60.1** |

See footnotes at end of table.

# Table 32. Refiner/Reseller Premium Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **South Dakota** | | | | | | | | | | | | |
| January | W | W | 59.3 | - | - | 54.0 | W | W | 58.4 | 72.6 | W | 66.1 |
| February | W | - | 59.7 | - | - | 54.2 | W | - | 58.8 | 73.9 | W | 66.4 |
| March | W | W | 60.8 | - | - | 55.0 | W | W | 59.6 | 72.9 | W | W |
| April | W | W | 66.1 | - | - | 60.9 | W | W | 65.1 | 74.7 | W | 74.2 |
| May | W | W | 70.4 | - | - | 62.9 | W | W | 68.6 | 78.0 | W | 74.6 |
| June | W | W | 70.6 | - | - | 63.0 | W | W | 68.8 | 79.7 | W | 76.4 |
| July | W | W | 71.7 | - | - | 65.8 | W | W | 70.4 | 80.9 | W | W |
| August | W | W | 74.1 | W | - | 67.8 | W | W | 73.2 | 81.4 | W | 77.5 |
| September | W | W | 69.3 | W | - | 62.4 | W | W | 68.4 | 87.0 | 83.2 | 69.1 |
| October | W | W | 65.7 | W | - | 59.6 | W | W | 64.7 | 82.6 | W | 64.2 |
| November | W | W | 66.2 | W | - | 59.4 | W | W | 64.8 | 78.4 | 79.2 | 62.0 |
| December | W | W | 63.8 | W | - | 55.9 | W | W | 62.5 | 80.1 | 75.9 | 59.1 |
| **1988 Average** | W | W | **67.3** | W | - | **61.0** | W | W | **66.1** | **80.0** | **79.9** | **70.7** |
| **Tennessee** | | | | | | | | | | | | |
| January | 73.9 | 55.5 | 56.8 | 73.7 | W | 50.4 | 73.8 | 54.6 | 56.0 | 70.4 | 61.8 | 66.0 |
| February | 71.4 | 57.0 | 58.1 | 73.1 | 54.4 | 52.3 | 71.8 | 56.2 | 57.4 | 71.6 | 63.5 | 64.6 |
| March | 72.4 | 56.7 | 58.6 | 72.3 | W | 52.7 | 72.4 | 56.0 | 57.7 | 71.7 | 65.9 | 65.7 |
| April | 75.5 | 61.3 | 64.0 | 74.8 | W | 58.9 | 75.3 | 61.0 | 63.3 | 77.3 | 69.7 | 71.7 |
| May | 78.0 | 64.0 | 65.4 | 77.2 | W | 59.6 | 77.8 | 63.9 | 64.5 | 77.0 | 68.8 | 71.5 |
| June | 78.4 | 63.8 | 64.4 | 76.8 | W | 59.8 | 78.0 | 62.3 | 63.8 | 78.6 | 70.6 | 71.6 |
| July | 80.4 | 68.6 | 69.1 | 78.1 | W | 66.1 | 79.8 | 66.9 | 68.8 | 81.2 | 75.5 | 75.7 |
| August | 82.8 | 67.2 | 66.3 | 80.7 | W | 61.0 | 82.3 | 65.9 | 65.6 | 82.3 | 68.7 | 72.3 |
| September | 81.0 | 63.9 | 61.9 | 80.0 | W | 56.8 | 80.8 | 62.9 | 61.2 | 80.3 | 67.0 | 64.2 |
| October | 78.7 | 63.1 | 63.1 | 78.2 | W | 60.0 | 78.6 | 62.6 | 62.7 | 78.9 | 69.7 | 64.2 |
| November | 79.6 | 67.6 | 65.5 | 77.4 | W | 62.0 | 79.0 | 67.0 | 65.0 | 78.5 | 70.6 | 64.4 |
| December | 78.9 | 62.7 | 61.4 | 77.1 | W | 56.6 | 78.5 | 62.3 | 60.7 | 77.0 | 69.8 | 63.3 |
| **1988 Average** | **77.6** | **62.6** | **63.1** | **76.7** | W | **58.3** | **77.4** | **61.6** | **62.4** | **77.8** | **68.3** | **68.9** |
| **Wisconsin** | | | | | | | | | | | | |
| January | 68.1 | W | 58.7 | W | W | 54.0 | 67.8 | W | 57.8 | 72.0 | 71.2 | 56.6 |
| February | 68.4 | W | 59.9 | W | - | 55.2 | 67.8 | W | 58.9 | 71.2 | 67.8 | 63.0 |
| March | 66.5 | W | 59.7 | W | W | 55.1 | 65.8 | W | 58.7 | 70.2 | 66.1 | 64.6 |
| April | 74.5 | W | 66.0 | W | - | 61.4 | 73.6 | W | 65.1 | 75.8 | 73.4 | 67.2 |
| May | 75.3 | W | 66.7 | W | W | 62.0 | 74.7 | W | 65.9 | 75.2 | 72.7 | 67.4 |
| June | 73.3 | W | 65.0 | W | W | 60.9 | 72.8 | W | 64.2 | 75.9 | 72.3 | 65.9 |
| July | 79.4 | W | 72.1 | W | W | 69.3 | 78.6 | W | 71.6 | 80.9 | 80.2 | 77.1 |
| August | 81.9 | W | 72.4 | W | W | 67.8 | 81.4 | W | 71.5 | 81.9 | 81.6 | 77.2 |
| September | 77.5 | W | 65.6 | W | W | 59.7 | 77.0 | W | 64.4 | 74.6 | 78.9 | 67.1 |
| October | 74.3 | W | 64.6 | W | W | 61.5 | 73.7 | 62.9 | 63.9 | NA | 76.8 | 66.7 |
| November | 76.5 | W | 68.0 | W | W | 63.9 | 76.1 | W | 67.1 | 74.9 | 76.2 | 67.0 |
| December | 72.6 | W | 61.7 | W | W | 57.2 | 72.2 | 60.2 | 60.7 | NA | 78.3 | 65.0 |
| **1988 Average** | **74.1** | W | **65.2** | W | W | **60.7** | **73.6** | **66.2** | **64.3** | **74.9** | **74.8** | **67.5** |
| **PAD District III Average** | | | | | | | | | | | | |
| January | 77.1 | 58.3 | 56.6 | 73.2 | 52.5 | 50.2 | 76.2 | 57.2 | 55.1 | 74.4 | 69.4 | 65.4 |
| February | 74.6 | 58.2 | 57.2 | 71.0 | 55.6 | 51.2 | 73.9 | 57.6 | 55.7 | 72.8 | 68.2 | 65.5 |
| March | 73.9 | 59.0 | 56.4 | 69.5 | 48.9 | 51.8 | 73.0 | 50.9 | 55.2 | 73.2 | 68.6 | 64.8 |
| April | 76.0 | 63.6 | 61.1 | 71.8 | 57.0 | 57.3 | 75.1 | 58.6 | 60.1 | 75.4 | 72.8 | 69.0 |
| May | 78.1 | 65.2 | 62.5 | 74.1 | 62.5 | 58.7 | 77.3 | 64.5 | 61.6 | 77.2 | 72.4 | 69.2 |
| June | 78.1 | 63.7 | 62.8 | 74.1 | 61.8 | 59.5 | 77.2 | 63.2 | 61.8 | 76.9 | 73.9 | 69.3 |
| July | 79.7 | 63.8 | 66.7 | 76.3 | 64.2 | 63.8 | 78.9 | 63.9 | 66.1 | 79.8 | 76.7 | 73.6 |
| August | 82.0 | 66.6 | 65.4 | 79.0 | 64.1 | 60.3 | 81.4 | 66.0 | 64.1 | 80.4 | 75.5 | 70.9 |
| September | 81.4 | 63.4 | 62.2 | 77.6 | 60.4 | 56.4 | 80.6 | 62.8 | 60.6 | 79.5 | 71.0 | 67.8 |
| October | 79.9 | 61.5 | 63.0 | 76.0 | 56.4 | 57.9 | 79.1 | 59.0 | 61.7 | 78.4 | 71.8 | 65.4 |
| November | 78.9 | 64.0 | 64.3 | 75.2 | 64.1 | 60.3 | 78.2 | 64.0 | 63.2 | 77.2 | 70.4 | 68.0 |
| December | 77.6 | 60.8 | 60.7 | 74.5 | 59.1 | 55.3 | 77.0 | 60.0 | 58.9 | 76.9 | 67.7 | 65.6 |
| **1988 Average** | **78.2** | **62.5** | **61.7** | **74.4** | **55.5** | **57.0** | **77.4** | **59.2** | **60.5** | **76.8** | **71.7** | **68.0** |

See footnotes at end of table.

# Table 32. Refiner/Reseller Premium Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Alabama** | | | | | | | | | | | | |
| January | 71.7 | 57.2 | 56.6 | 73.9 | W | 50.2 | 72.5 | 56.0 | 55.8 | 72.6 | 71.6 | 67.4 |
| February | 71.1 | 55.7 | 58.2 | 72.1 | W | 51.4 | 71.5 | 54.9 | 56.6 | 72.7 | 72.7 | 66.9 |
| March | 70.6 | 59.8 | 58.7 | 71.0 | W | 52.5 | 70.8 | 57.4 | 57.6 | 71.6 | 71.3 | 68.1 |
| April | 74.7 | 66.2 | 64.2 | 73.6 | W | 58.2 | 74.3 | 64.3 | 62.9 | 76.8 | 79.9 | 72.6 |
| May | 77.3 | 67.6 | 65.0 | 75.9 | W | 58.4 | 76.8 | 65.8 | 63.1 | 77.9 | 77.1 | 72.6 |
| June | 77.1 | 67.0 | 64.2 | 75.3 | W | 58.5 | 76.4 | 63.8 | 62.9 | 78.2 | 79.8 | 75.4 |
| July | 79.5 | 71.4 | 68.8 | 83.2 | W | 65.5 | 80.6 | 70.5 | 68.1 | 80.0 | 78.7 | 76.9 |
| August | 82.0 | 65.5 | 65.3 | 81.4 | W | 60.6 | 81.8 | 64.3 | 64.5 | 80.1 | 76.2 | 74.0 |
| September | 80.7 | 63.6 | 61.2 | 78.1 | W | 55.9 | 79.9 | 62.6 | 60.2 | 76.4 | 73.6 | 68.3 |
| October | 78.8 | 63.5 | 62.7 | 77.3 | W | 59.1 | 78.3 | 62.0 | 62.1 | 76.2 | 74.1 | 68.9 |
| November | 77.8 | 67.3 | 64.8 | 76.9 | W | 61.2 | 77.6 | 65.7 | 64.0 | 74.4 | 77.1 | 74.4 |
| December | 77.1 | 61.6 | 60.2 | 76.3 | W | 56.7 | 76.9 | 61.0 | 59.3 | 76.1 | 73.3 | 73.6 |
| **1988 Average** | **76.5** | **63.6** | **62.6** | **75.8** | W | **57.9** | **76.2** | **62.3** | **61.6** | **76.3** | **75.6** | **71.7** |
| **Arkansas** | | | | | | | | | | | | |
| January | 79.7 | W | 55.3 | W | W | 50.4 | 79.4 | 59.5 | 53.9 | 69.1 | 64.9 | 60.1 |
| February | 73.4 | - | 56.6 | W | W | 52.7 | 71.5 | W | 55.6 | 68.8 | 64.0 | 60.7 |
| March | 75.0 | 54.5 | 57.1 | W | 54.8 | 53.3 | 72.6 | 54.7 | 56.1 | 72.5 | 65.2 | 62.4 |
| April | 78.0 | W | 62.8 | W | W | 58.7 | 75.4 | W | 61.8 | 74.3 | 71.4 | 66.7 |
| May | 78.9 | 63.0 | 64.1 | W | W | 59.8 | 76.5 | 63.4 | 62.9 | 74.4 | 69.2 | 66.2 |
| June | 79.7 | 59.1 | 62.8 | W | W | 59.3 | 76.9 | 62.0 | 61.8 | 76.2 | 68.5 | 66.6 |
| July | 81.3 | W | 67.7 | W | W | 64.7 | 78.3 | 66.3 | 67.0 | 77.3 | 74.1 | 69.9 |
| August | 84.2 | 66.1 | 66.1 | W | 65.7 | 62.0 | 81.5 | 65.9 | 64.8 | 76.8 | 72.2 | 68.5 |
| September | 82.9 | W | 61.4 | W | W | 56.7 | 80.2 | 61.1 | 59.9 | 73.1 | 72.6 | 67.5 |
| October | 82.2 | W | 61.7 | W | 64.5 | 58.0 | 78.8 | 64.3 | 60.7 | 71.7 | 72.3 | 64.7 |
| November | 82.3 | W | 64.3 | W | W | 60.4 | 79.0 | W | 63.1 | 72.2 | 72.6 | 68.1 |
| December | 80.6 | - | 59.5 | W | 60.4 | 55.9 | 77.5 | 60.4 | 58.4 | 70.0 | 69.1 | 65.9 |
| **1988 Average** | **80.0** | **61.6** | **61.9** | W | **62.0** | **57.9** | **77.4** | **61.9** | **60.8** | **73.3** | **69.6** | **65.9** |
| **Louisiana** | | | | | | | | | | | | |
| January | 75.6 | 55.9 | 57.6 | 66.8 | W | 50.9 | 73.7 | 57.1 | 56.2 | 74.4 | 75.3 | 66.2 |
| February | 71.8 | W | 57.8 | 67.7 | W | 50.9 | 71.0 | 57.6 | 55.9 | 73.0 | 73.8 | 67.3 |
| March | 72.6 | 56.3 | 58.2 | 65.9 | W | 52.0 | 71.3 | W | 56.8 | 73.2 | 71.5 | 67.8 |
| April | 74.7 | 61.6 | 62.3 | 70.2 | W | 58.9 | 73.8 | 63.1 | 61.7 | 75.8 | 76.5 | 71.9 |
| May | 76.5 | 63.1 | 63.1 | 72.4 | W | 57.7 | 75.7 | 63.8 | 62.0 | 77.6 | 75.3 | 71.4 |
| June | 76.8 | 60.4 | 63.8 | 72.0 | 64.9 | 59.9 | 75.8 | 62.2 | 63.0 | 77.4 | 76.1 | 72.7 |
| July | 78.3 | 63.6 | 67.4 | 73.8 | W | 63.5 | 77.4 | 65.0 | 66.6 | 80.7 | 78.3 | 75.2 |
| August | 80.3 | 62.5 | 65.3 | 77.3 | 66.4 | 58.4 | 79.7 | 64.2 | 63.4 | 81.8 | 78.2 | 71.3 |
| September | 79.6 | 60.0 | 62.2 | 76.3 | 63.3 | 55.8 | 78.9 | 61.6 | 60.6 | 79.2 | 71.0 | 72.7 |
| October | 78.7 | 58.7 | 63.5 | 75.7 | W | 58.7 | 78.3 | 55.8 | 62.6 | 80.2 | 71.5 | 73.6 |
| November | 78.3 | W | 64.3 | 74.7 | 69.6 | 61.2 | 77.8 | 64.1 | 63.8 | 78.3 | 65.3 | 70.8 |
| December | 76.0 | W | 61.2 | 76.0 | W | 55.5 | 76.0 | 59.8 | 59.5 | 77.4 | 63.6 | 66.1 |
| **1988 Average** | **76.6** | **59.8** | **62.4** | **71.9** | **52.7** | **56.8** | **75.7** | **54.4** | **61.1** | **77.7** | **73.7** | **70.6** |
| **Mississippi** | | | | | | | | | | | | |
| January | 73.1 | W | 54.8 | 72.4 | W | 50.3 | 72.8 | 55.0 | 54.0 | 75.6 | 70.1 | 68.1 |
| February | 71.9 | W | 56.5 | 70.1 | W | 52.2 | 71.2 | 56.8 | 55.8 | 74.9 | 70.9 | 67.8 |
| March | 69.9 | W | 56.6 | 68.8 | W | 51.8 | 69.5 | 57.6 | 55.3 | 76.4 | 73.0 | 70.0 |
| April | 75.8 | W | 62.6 | 72.4 | - | 58.6 | 74.4 | W | 61.9 | 78.2 | 74.8 | 71.9 |
| May | 77.1 | W | 63.8 | 74.3 | W | 59.5 | 76.0 | W | 63.1 | 79.5 | 75.5 | 72.4 |
| June | 75.3 | 63.8 | 63.1 | 72.3 | W | 59.1 | 74.1 | 63.8 | 62.3 | 77.7 | 75.7 | 72.8 |
| July | 78.6 | W | 67.1 | 75.3 | 68.7 | 65.4 | 77.4 | 68.3 | 66.6 | 80.8 | 80.0 | 76.9 |
| August | 81.4 | 66.0 | 64.0 | 79.4 | W | 60.4 | 80.7 | 66.1 | 63.1 | 82.2 | 76.7 | 74.2 |
| September | 81.1 | 60.3 | 60.1 | 77.6 | W | 56.7 | 79.7 | 60.1 | 59.6 | 82.5 | 78.1 | 73.4 |
| October | 78.3 | 62.5 | 61.1 | 78.3 | W | 59.6 | 78.3 | 62.4 | 60.9 | 79.8 | 71.9 | 70.9 |
| November | 79.5 | 64.3 | 63.1 | 78.8 | W | 61.5 | 79.4 | 64.2 | 62.8 | 80.3 | 77.5 | 75.6 |
| December | 77.9 | 59.3 | 59.1 | 77.5 | W | 55.8 | 77.8 | 59.2 | 58.2 | 80.6 | 75.6 | 71.9 |
| **1988 Average** | **76.7** | **61.7** | **61.1** | **74.1** | **61.8** | **57.9** | **75.8** | **61.8** | **60.5** | **79.4** | **75.0** | **72.2** |

See footnotes at end of table.

# Table 32. Refiner/Reseller Premium Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **New Mexico** | | | | | | | | | | | | |
| January | 80.1 | - | 62.3 | W | - | 58.5 | 80.1 | - | 60.9 | 82.8 | 66.3 | 71.9 |
| February | 76.0 | - | 61.4 | W | - | 57.9 | 76.3 | - | 60.1 | 79.4 | 64.6 | 69.7 |
| March | 74.3 | - | 61.9 | W | - | 59.8 | 74.2 | - | 61.0 | 79.8 | 67.3 | 70.6 |
| April | 77.0 | - | 65.0 | W | - | 63.0 | 76.4 | - | 64.3 | 80.4 | 68.4 | 71.3 |
| May | 79.8 | - | 66.8 | W | - | 64.5 | 79.3 | - | 66.0 | 81.8 | 68.8 | 72.2 |
| June | 80.3 | - | 68.0 | W | - | 65.5 | 79.8 | - | 67.2 | 82.1 | 69.7 | 73.5 |
| July | 81.6 | W | 69.6 | W | - | 67.6 | 81.1 | W | 68.8 | 82.3 | 70.8 | 74.3 |
| August | 84.9 | W | 71.0 | W | - | 68.7 | 84.9 | W | 70.1 | 82.5 | 71.8 | 75.8 |
| September | 85.0 | - | 70.5 | W | - | 67.5 | 84.9 | - | 69.3 | 85.1 | 72.5 | 84.5 |
| October | 83.2 | W | 65.2 | W | - | 62.5 | 82.5 | W | 64.2 | 85.3 | 68.6 | 85.5 |
| November | 80.3 | W | 64.5 | W | - | 62.1 | 79.8 | W | 63.6 | 83.8 | 69.9 | 83.5 |
| December | 80.5 | W | 64.2 | W | - | 61.7 | 79.3 | W | 63.2 | 82.7 | 66.8 | 83.9 |
| **1988 Average** | **80.4** | W | **66.2** | W | - | **63.8** | **80.0** | W | **65.3** | **82.2** | **69.2** | **76.1** |
| **Texas** | | | | | | | | | | | | |
| January | 77.9 | 59.0 | 56.6 | 74.4 | 51.1 | 49.6 | 77.2 | 57.5 | 54.8 | 74.7 | 63.0 | 64.6 |
| February | 75.6 | 59.1 | 56.8 | 71.7 | 54.4 | 50.8 | 74.9 | 58.3 | 55.3 | 72.4 | 63.2 | 65.0 |
| March | 74.6 | 59.4 | 55.3 | 70.1 | 49.2 | 51.2 | 73.8 | 52.7 | 54.2 | 72.6 | 64.1 | 62.8 |
| April | 76.4 | 63.6 | 59.6 | 71.7 | W | 56.6 | 75.4 | 58.1 | 58.7 | 74.3 | 67.2 | 67.1 |
| May | 78.4 | 65.3 | 61.3 | 74.0 | 61.8 | 58.6 | 77.7 | 64.6 | 60.7 | 76.7 | 68.1 | 67.4 |
| June | 78.4 | 63.7 | 62.0 | 74.4 | 61.4 | 59.5 | 77.7 | 63.2 | 61.1 | 76.2 | 71.2 | 67.2 |
| July | 79.9 | 62.9 | 65.7 | 76.1 | 62.0 | 62.7 | 79.1 | 62.8 | 65.1 | 79.5 | 74.3 | 72.4 |
| August | 82.2 | 67.4 | 65.4 | 79.0 | 63.2 | 60.1 | 81.6 | 66.7 | 64.1 | 80.3 | 73.3 | 69.7 |
| September | 81.7 | 64.0 | 62.7 | 77.7 | W | 56.1 | 80.9 | 63.3 | 60.7 | 79.6 | 69.2 | 64.4 |
| October | 80.2 | 61.4 | 63.5 | 75.8 | W | 57.2 | 79.3 | 61.2 | 61.5 | 78.1 | 71.7 | 62.2 |
| November | 79.0 | 63.9 | 64.4 | 75.0 | W | 59.8 | 78.2 | 63.6 | 62.9 | 76.1 | 72.2 | 63.7 |
| December | 77.9 | 61.6 | 61.0 | 74.2 | 58.6 | 54.7 | 77.1 | 59.8 | 58.6 | 75.5 | 68.3 | 61.7 |
| **1988 Average** | **78.6** | **62.7** | **61.2** | **74.6** | **56.3** | **56.5** | **77.8** | **60.1** | **59.8** | **76.1** | **68.8** | **65.8** |
| **PAD District IV Average** | | | | | | | | | | | | |
| January | 72.9 | 59.0 | 60.7 | 71.1 | W | 56.4 | 72.3 | 58.0 | 59.2 | 74.9 | 70.6 | 67.0 |
| February | 70.8 | 58.1 | 59.3 | 69.6 | W | 55.4 | 70.5 | 56.9 | 57.9 | 73.6 | 69.9 | 65.2 |
| March | 69.8 | 56.7 | 58.9 | 68.6 | W | 55.8 | 69.4 | 56.0 | 57.9 | 73.0 | 71.5 | 65.4 |
| April | 72.6 | 61.1 | 63.7 | 72.8 | W | 61.5 | 72.6 | 60.7 | 63.0 | 74.9 | 73.7 | 67.9 |
| May | 77.4 | W | 66.2 | 78.4 | W | 62.3 | 77.7 | 62.9 | 64.9 | 77.4 | 75.1 | 70.0 |
| June | 77.6 | 61.5 | 65.7 | 77.2 | W | 62.1 | 77.5 | 61.7 | 64.4 | 78.2 | 75.8 | 70.3 |
| July | 77.8 | W | 67.7 | 78.3 | W | 64.8 | 78.0 | 63.6 | 66.7 | 80.3 | 79.3 | 73.1 |
| August | 80.9 | 67.9 | 71.0 | 81.3 | W | 67.7 | 81.0 | 68.3 | 69.8 | 82.1 | 80.3 | 76.2 |
| September | 79.2 | 64.4 | 69.5 | 78.2 | W | 65.8 | 78.9 | 65.0 | 68.1 | 81.6 | 82.1 | 71.0 |
| October | 77.8 | 63.1 | 67.5 | 77.5 | W | 63.0 | 77.7 | 63.3 | 65.7 | 79.6 | 79.6 | 69.6 |
| November | 72.9 | 60.4 | 61.9 | 73.9 | W | 57.1 | 73.2 | 60.4 | 60.0 | 76.1 | 76.6 | 65.6 |
| December | 69.2 | W | 58.5 | 70.2 | W | 54.7 | 69.5 | 54.1 | 57.0 | 73.7 | 75.8 | 62.2 |
| **1988 Average** | **75.0** | **61.7** | **64.6** | **74.9** | W | **61.0** | **74.9** | **61.5** | **63.3** | **77.5** | **75.8** | **69.6** |
| **Colorado** | | | | | | | | | | | | |
| January | 71.2 | W | 60.4 | 70.6 | - | 55.0 | 70.9 | W | 58.8 | 71.3 | 63.6 | 62.1 |
| February | 69.5 | W | 60.5 | 69.2 | - | 55.1 | 69.4 | W | 58.9 | 70.6 | 63.4 | 59.0 |
| March | 69.5 | W | 60.0 | 68.3 | - | 55.1 | 69.0 | W | 58.6 | 70.9 | 67.2 | 61.3 |
| April | 73.9 | 61.7 | 65.6 | 72.9 | - | 61.5 | 73.5 | 61.7 | 64.4 | 74.0 | 71.3 | 62.7 |
| May | 78.4 | W | 67.9 | 78.6 | - | 61.6 | 78.4 | W | 65.9 | 76.7 | 74.4 | 67.8 |
| June | 76.9 | 61.2 | 65.7 | 77.0 | - | 60.6 | 76.9 | 61.2 | 64.2 | 76.6 | 75.6 | 68.2 |
| July | 78.1 | W | 68.2 | 78.3 | - | 65.4 | 78.2 | W | 67.4 | 79.1 | 82.0 | 70.7 |
| August | 80.6 | W | 70.6 | 81.3 | - | 65.8 | 80.9 | W | 69.0 | 80.2 | NA | 74.5 |
| September | 77.5 | 63.7 | 67.6 | 77.8 | W | 64.0 | 77.6 | 63.7 | 66.5 | 78.7 | 76.2 | 67.1 |
| October | 77.0 | W | 67.5 | 77.3 | - | 62.3 | 77.1 | W | 65.5 | 77.2 | 72.3 | 66.9 |
| November | 72.9 | W | 61.9 | 73.8 | - | 55.2 | 73.2 | W | 59.5 | 74.4 | NA | 62.8 |
| December | 69.3 | W | 58.1 | 70.2 | - | 53.6 | 69.6 | W | 56.6 | 71.7 | 68.7 | 58.9 |
| **1988 Average** | **74.7** | **61.6** | **64.7** | **74.7** | W | **59.8** | **74.7** | **61.6** | **63.2** | **75.5** | **72.2** | **66.3** |

See footnotes at end of table.

# Table 32. Refiner/Reseller Premium Gasoline Prices by Seller Type (Continued)

(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Idaho** | | | | | | | | | | | | |
| January | W | W | 65.7 | W | - | 62.2 | 81.9 | W | 64.5 | 82.8 | 73.4 | 71.1 |
| February | W | W | 62.6 | W | - | 60.9 | 80.2 | W | 62.1 | 79.1 | 75.5 | 66.5 |
| March | W | W | 61.1 | W | - | 59.5 | 77.0 | W | 60.6 | 78.0 | 73.3 | 66.1 |
| April | W | W | 63.9 | W | - | 63.8 | 74.7 | W | 63.9 | 79.7 | 73.2 | 68.7 |
| May | W | W | 66.9 | W | - | 64.6 | 77.4 | W | 66.3 | 80.8 | 76.7 | 71.8 |
| June | W | - | 67.9 | W | - | 64.4 | 79.4 | - | 66.6 | 82.1 | 76.6 | 70.9 |
| July | W | W | 68.7 | W | - | 66.0 | 80.2 | W | 68.0 | 82.9 | 78.7 | 74.8 |
| August | W | - | 73.1 | W | - | 70.7 | 81.4 | - | 72.4 | 85.4 | 83.3 | 78.5 |
| September | W | - | 73.1 | W | - | 69.0 | 82.0 | - | 71.8 | 86.2 | 84.7 | 75.3 |
| October | W | W | 68.9 | W | - | 64.0 | 80.1 | W | 67.4 | 82.6 | 82.8 | 71.9 |
| November | W | - | 64.5 | W | - | 59.5 | 78.4 | - | 62.7 | 80.1 | 81.9 | 68.9 |
| December | W | W | 60.9 | W | - | 56.5 | 74.3 | W | 59.5 | 78.4 | 80.8 | 65.5 |
| **1988 Average** | W | W | **66.9** | **77.6** | - | **63.6** | **78.7** | W | **65.9** | **81.6** | **79.3** | **71.0** |
| **Montana** | | | | | | | | | | | | |
| January | W | W | W | W | - | 54.8 | W | W | 54.9 | 75.7 | 73.0 | 63.6 |
| February | W | W | W | W | - | 54.0 | W | W | 53.7 | 71.9 | 69.6 | 61.8 |
| March | W | W | 54.5 | W | - | 55.9 | W | W | 55.0 | 70.6 | 75.8 | 64.9 |
| April | W | W | 61.2 | W | - | 61.7 | W | W | 61.4 | 74.7 | 74.9 | 69.1 |
| May | W | W | 62.9 | W | - | 63.7 | W | W | 63.1 | 77.0 | 74.7 | 68.4 |
| June | W | W | 63.3 | W | - | 64.2 | W | W | 63.7 | 78.8 | 74.5 | 69.0 |
| July | W | W | 66.6 | W | - | 66.9 | W | W | 66.7 | 80.6 | 77.4 | 73.7 |
| August | W | W | 69.2 | W | - | 69.7 | W | W | 69.3 | 81.6 | 77.1 | 75.2 |
| September | W | W | 69.9 | W | - | 69.5 | W | W | 69.7 | 82.1 | 84.3 | 74.6 |
| October | W | W | W | W | W | 65.4 | W | 65.7 | 66.1 | 79.9 | 80.9 | 72.7 |
| November | W | W | 58.3 | W | - | 58.2 | W | W | 58.3 | 74.9 | 75.2 | 65.8 |
| December | W | W | W | W | - | 55.3 | W | W | 55.7 | 71.9 | 72.4 | 64.2 |
| **1988 Average** | W | **62.2** | **62.0** | **73.1** | W | **62.2** | W | **62.2** | **62.1** | **77.2** | **77.1** | **69.5** |
| **Utah** | | | | | | | | | | | | |
| January | 76.8 | W | 63.6 | W | W | 58.6 | 76.8 | 58.8 | 61.4 | 82.3 | 75.5 | 69.1 |
| February | 74.4 | W | 59.2 | W | W | 55.7 | 74.4 | 55.8 | 57.7 | 80.4 | 80.2 | 69.5 |
| March | 71.7 | W | 57.8 | W | W | 56.0 | 71.7 | W | 57.1 | 75.6 | 74.7 | 67.2 |
| April | 71.6 | W | 61.0 | W | W | 61.2 | 71.6 | 59.2 | 61.1 | 74.0 | 72.2 | 69.6 |
| May | 78.1 | W | 64.3 | W | W | 62.3 | 78.1 | W | 63.6 | 76.6 | 73.1 | 69.6 |
| June | 81.5 | W | 65.4 | W | W | 62.0 | 81.6 | W | 64.1 | 78.1 | 74.3 | 70.0 |
| July | 78.2 | W | 66.2 | W | W | 63.1 | 78.3 | W | 65.0 | 79.0 | 77.9 | 72.8 |
| August | 82.5 | W | 71.2 | W | W | 69.2 | 82.5 | W | 70.5 | 82.3 | 77.5 | 75.0 |
| September | 84.0 | W | 71.1 | W | W | 67.7 | 84.0 | W | 69.6 | 83.4 | 79.2 | 70.7 |
| October | 80.2 | W | 66.6 | W | W | 62.7 | 80.2 | W | 65.0 | 80.5 | 77.5 | 67.9 |
| November | 73.3 | W | 61.9 | W | W | 58.7 | 73.3 | W | 60.6 | 74.8 | 75.4 | 64.8 |
| December | 68.9 | W | 58.7 | W | W | 55.3 | 68.8 | 57.3 | 57.5 | 73.3 | 73.4 | 61.6 |
| **1988 Average** | **76.6** | **59.1** | **64.4** | W | W | **61.5** | **76.6** | **60.9** | **63.2** | **78.5** | **75.6** | **70.3** |
| **Wyoming** | | | | | | | | | | | | |
| January | W | - | 61.1 | W | W | 54.1 | 75.5 | W | 57.6 | 70.2 | 67.8 | 63.7 |
| February | W | - | 59.7 | W | W | 53.8 | 72.2 | W | 56.8 | 70.9 | 71.5 | 65.2 |
| March | W | - | 59.6 | W | W | 55.4 | 71.0 | W | 57.7 | 71.6 | 72.5 | 63.5 |
| April | W | W | 64.5 | W | W | 60.4 | 71.6 | W | 62.7 | 74.7 | 77.5 | 68.3 |
| May | W | W | 67.0 | 75.9 | W | 61.9 | 74.9 | W | 65.0 | 77.9 | 77.8 | 72.5 |
| June | W | W | 67.7 | W | W | 62.1 | 74.6 | W | 65.0 | 79.3 | 78.9 | 73.5 |
| July | W | W | 70.1 | W | - | 64.4 | 76.7 | W | 67.4 | 82.2 | 80.5 | 74.6 |
| August | W | W | 73.8 | W | W | 67.3 | 78.8 | W | 70.4 | 84.2 | 82.7 | 79.4 |
| September | W | W | 72.9 | W | W | 63.6 | 79.6 | 67.6 | 66.6 | 83.8 | 82.6 | 75.5 |
| October | W | W | 70.4 | W | W | 62.9 | 79.4 | W | 66.0 | 82.3 | 82.4 | 73.8 |
| November | W | W | 65.8 | W | - | 57.3 | 77.2 | W | 60.5 | 80.8 | 80.7 | 71.0 |
| December | W | W | 61.6 | W | W | 55.4 | 74.3 | W | 58.0 | 78.2 | 78.4 | 64.5 |
| **1988 Average** | W | W | **67.4** | **74.9** | W | **61.1** | **75.8** | **60.9** | **64.1** | **79.0** | **78.0** | **72.4** |

See footnotes at end of table.

# Table 32. Refiner/Reseller Premium Gasoline Prices by Seller Type (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **PAD District V Average** | | | | | | | | | | | | |
| January | 79.0 | 65.3 | 68.3 | 75.3 | 58.9 | 55.3 | 78.4 | 63.7 | 67.3 | 80.5 | 72.1 | 65.1 |
| February | 77.2 | 65.1 | 66.3 | 73.1 | 59.1 | 57.0 | 76.6 | 64.2 | 65.7 | 79.3 | 71.4 | 65.2 |
| March | 77.1 | 65.3 | 66.3 | 74.1 | 60.7 | 59.3 | 76.7 | 64.6 | 65.9 | 78.8 | 73.7 | 67.2 |
| April | 81.5 | 71.9 | 71.7 | 80.1 | 65.8 | 67.3 | 81.3 | 70.4 | 71.4 | 82.1 | 79.2 | 74.6 |
| May | 83.3 | 73.5 | 73.3 | 81.3 | 68.0 | 64.2 | 83.0 | 72.4 | 72.4 | 83.5 | 79.2 | 70.2 |
| June | 84.5 | 74.9 | 74.9 | 81.8 | 67.7 | 63.7 | 84.1 | 73.3 | 73.8 | 83.3 | 79.3 | 72.6 |
| July | 85.1 | 76.4 | 75.9 | 82.4 | 69.1 | 69.1 | 84.7 | 74.7 | 75.4 | 83.1 | 81.9 | 72.9 |
| August | 85.2 | 77.9 | 76.4 | 82.5 | 70.7 | 71.7 | 84.8 | 76.2 | 76.1 | 84.4 | 83.9 | 75.9 |
| September | 85.6 | 75.7 | 76.1 | 83.0 | 69.6 | 66.7 | 85.2 | 74.1 | 75.5 | 84.8 | 81.2 | 75.7 |
| October | 83.5 | 69.4 | 72.3 | 80.9 | 68.5 | 57.8 | 83.2 | 69.1 | 71.2 | 83.0 | 75.7 | 68.7 |
| November | 80.3 | 65.3 | 69.5 | 77.8 | 63.7 | 55.5 | 80.0 | 64.9 | 68.5 | 80.6 | 74.1 | 66.8 |
| December | 78.5 | 62.0 | 66.8 | 75.8 | 61.9 | 55.1 | 78.2 | 62.0 | 65.9 | 79.5 | 73.4 | 65.1 |
| **1988 Average** | **81.8** | **69.6** | **71.6** | **79.0** | **65.2** | **62.0** | **81.4** | **68.6** | **70.9** | **82.0** | **77.3** | **70.0** |
| **Alaska** | | | | | | | | | | | | |
| January | W | W | W | - | - | W | W | W | 75.7 | W | W | W |
| February | W | W | W | - | - | W | W | W | 76.7 | W | W | W |
| March | W | W | W | - | - | W | W | W | 75.5 | W | W | W |
| April | W | - | W | - | - | W | W | - | 75.6 | W | W | W |
| May | W | W | W | - | - | W | W | W | 77.4 | W | W | W |
| June | W | W | W | W | - | W | W | W | 79.2 | W | 102.6 | 88.4 |
| July | W | W | W | W | - | W | W | W | 79.0 | W | W | W |
| August | W | - | W | W | - | W | W | - | 79.1 | W | W | W |
| September | W | - | W | W | - | W | W | - | 81.6 | 107.0 | W | 100.8 |
| October | W | - | W | W | - | W | W | - | 79.3 | W | W | 100.5 |
| November | W | - | W | W | - | W | W | - | 79.8 | W | W | 100.8 |
| December | W | - | W | - | - | W | W | - | 78.5 | W | W | 101.0 |
| **1988 Average** | **W** | **W** | **W** | **W** | **-** | **W** | **W** | **W** | **78.3** | **W** | **107.3** | **97.9** |
| **Arizona** | | | | | | | | | | | | |
| January | 80.4 | W | 64.1 | W | - | W | 80.4 | W | 64.0 | 85.4 | 74.8 | 66.2 |
| February | 77.9 | W | 61.7 | W | - | 62.0 | 77.8 | W | 61.7 | 83.0 | 73.9 | 64.1 |
| March | 77.6 | W | 60.7 | W | - | W | 77.4 | W | 60.9 | 81.5 | 78.6 | 68.1 |
| April | 81.7 | W | 65.2 | W | - | 69.0 | 81.6 | W | 65.4 | 84.3 | 80.6 | 73.1 |
| May | 81.5 | W | 65.2 | W | - | 66.2 | 81.4 | W | 65.3 | 85.2 | 83.5 | 75.0 |
| June | 81.8 | 70.5 | 66.0 | W | - | 67.4 | 81.7 | 70.5 | 66.1 | 85.1 | 82.8 | 74.7 |
| July | 82.8 | W | 67.3 | W | W | 67.1 | 82.7 | 69.7 | 67.2 | 85.0 | 82.5 | 74.2 |
| August | 81.0 | 73.3 | 66.9 | W | - | 69.7 | 81.0 | 73.3 | 67.2 | 84.6 | 86.8 | 76.6 |
| September | 81.8 | W | 67.2 | W | W | 67.9 | 81.8 | 75.5 | 67.3 | 84.4 | 80.2 | 72.6 |
| October | 81.0 | 71.2 | 64.9 | W | W | 63.1 | 80.9 | 70.6 | 64.6 | 82.9 | 74.5 | 70.6 |
| November | 81.2 | W | 63.3 | W | W | 61.3 | 81.0 | W | 63.1 | 81.6 | 73.0 | 69.0 |
| December | 80.0 | 65.4 | 61.9 | W | - | 61.6 | 79.8 | 65.4 | 61.8 | 80.8 | 72.7 | 66.1 |
| **1988 Average** | **80.7** | **W** | **64.6** | **W** | **W** | **65.2** | **80.6** | **69.1** | **64.7** | **83.6** | **77.9** | **71.2** |
| **California** | | | | | | | | | | | | |
| January | 79.1 | 64.9 | 68.5 | W | W | 53.6 | 78.0 | 63.4 | 67.3 | 80.0 | 70.5 | 63.7 |
| February | 77.5 | 64.8 | 66.3 | W | W | 55.3 | 76.4 | 64.1 | 65.6 | 78.7 | 70.1 | 63.7 |
| March | 77.5 | 65.3 | 66.6 | W | W | 58.2 | 76.7 | 64.6 | 66.1 | 78.8 | 73.0 | 66.1 |
| April | 82.8 | 72.9 | 72.9 | W | W | 67.5 | 82.3 | 72.1 | 72.5 | 84.0 | 80.1 | 75.6 |
| May | 84.9 | 74.3 | 74.5 | W | W | 63.7 | 84.3 | 73.6 | 73.3 | 85.5 | 79.4 | 69.0 |
| June | 86.3 | 75.4 | 76.5 | W | W | 63.0 | 85.6 | 74.3 | 75.1 | 84.8 | 79.5 | 72.3 |
| July | 86.8 | 76.7 | 77.5 | W | W | 69.2 | 86.1 | 76.1 | 76.9 | 85.9 | 81.9 | 72.6 |
| August | 87.1 | 77.8 | 78.0 | W | W | 72.1 | 86.4 | 77.5 | 77.6 | 86.1 | 84.5 | 77.4 |
| September | 87.6 | 75.2 | 77.4 | W | W | 65.7 | 86.8 | 74.5 | 76.6 | 87.2 | 81.1 | 75.6 |
| October | 85.0 | 68.1 | 72.9 | W | W | 55.7 | 84.1 | 67.1 | 71.7 | 84.1 | 75.0 | 67.8 |
| November | 80.8 | 64.4 | 70.0 | W | W | 53.7 | 79.9 | 63.9 | 68.8 | 80.7 | 73.5 | 64.3 |
| December | 78.7 | 60.9 | 66.9 | W | W | 53.4 | 77.9 | 60.8 | 65.9 | 79.1 | 73.0 | 63.0 |
| **1988 Average** | **82.9** | **69.3** | **72.4** | **W** | **W** | **61.1** | **82.1** | **68.7** | **71.6** | **83.0** | **76.9** | **69.0** |

See footnotes at end of table.

# Table 32. Refiner/Reseller Premium Gasoline Prices by Seller Type (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Major Refiners | | | Other Refiners | | | All Refiners | | | Resellers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | | Through Company Outlets | Other End-Users | |
| **Hawaii** | | | | | | | | | | | | |
| January | W | W | 81.6 | W | W | W | 100.2 | 64.4 | 81.5 | W | 89.7 | 87.5 |
| February | W | W | 83.1 | W | W | W | 98.7 | 65.0 | 82.9 | W | 89.6 | 88.1 |
| March | W | W | 82.5 | W | W | W | 98.0 | 65.5 | 82.4 | W | 89.7 | 87.8 |
| April | W | W | 85.9 | W | W | W | 97.8 | 68.1 | 85.8 | W | 94.7 | 92.0 |
| May | W | W | 89.0 | W | W | W | 100.5 | 71.2 | 88.9 | W | 95.6 | 94.3 |
| June | W | W | 89.7 | W | W | W | W | 71.7 | 89.6 | W | 96.4 | 94.3 |
| July | W | W | 90.4 | W | W | W | 102.2 | 72.0 | 90.2 | W | 95.7 | 93.9 |
| August | W | W | 90.7 | W | W | W | 102.4 | W | 90.2 | W | 97.6 | 96.5 |
| September | W | W | 90.3 | W | W | W | 102.2 | W | 89.8 | W | 95.8 | 95.8 |
| October | W | W | 90.5 | W | W | W | 102.1 | W | 90.4 | 102.5 | 95.9 | 95.2 |
| November | W | W | 86.6 | W | W | W | 102.0 | W | 86.5 | W | 93.8 | 93.8 |
| December | W | W | 84.0 | W | W | W | 101.3 | W | 83.9 | W | 92.3 | 91.1 |
| **1988 Average** | W | W | **87.2** | W | W | W | **100.8** | **69.1** | **87.0** | W | **93.9** | **92.5** |
| **Nevada** | | | | | | | | | | | | |
| January | 68.3 | W | 60.4 | W | W | W | 68.7 | 64.4 | 60.2 | 68.5 | 65.8 | 69.9 |
| February | 69.2 | - | 59.6 | W | - | 57.2 | 69.5 | - | 59.4 | 69.4 | 64.0 | 67.2 |
| March | 70.1 | W | 60.7 | W | - | 59.2 | 70.3 | W | 60.6 | 69.8 | 66.2 | 68.1 |
| April | 74.5 | W | 65.7 | W | - | 67.5 | 74.6 | W | 65.8 | 73.2 | 64.9 | 74.3 |
| May | 77.8 | - | 67.5 | W | - | 67.9 | 77.9 | - | 67.5 | 76.8 | 63.8 | 73.9 |
| June | 79.3 | W | 69.9 | W | - | W | 79.2 | W | 69.8 | 78.7 | 68.7 | 76.0 |
| July | 81.9 | - | 72.0 | W | W | 71.5 | 81.6 | W | 72.0 | 81.0 | 76.6 | 77.7 |
| August | 83.1 | W | 72.8 | W | W | 75.0 | 82.9 | 77.3 | 72.9 | 82.5 | 79.9 | 78.2 |
| September | 83.4 | W | 72.6 | W | W | 70.0 | 83.2 | W | 72.4 | 83.6 | 76.4 | 71.9 |
| October | 80.9 | W | 68.5 | W | - | 62.9 | 80.6 | W | 68.2 | 81.8 | 67.7 | 61.1 |
| November | 77.4 | W | 66.2 | W | - | 62.2 | 77.1 | W | 66.1 | 80.2 | 67.5 | 72.5 |
| December | 74.6 | W | 63.4 | W | W | 59.6 | 74.4 | W | 63.2 | 78.4 | 67.0 | 63.7 |
| **1988 Average** | **76.6** | W | **67.2** | W | W | **64.7** | **76.6** | **69.5** | **67.1** | **77.0** | **70.2** | **70.1** |
| **Oregon** | | | | | | | | | | | | |
| January | 83.6 | W | 69.1 | W | - | 64.7 | 83.7 | W | 68.9 | 77.4 | 74.7 | 66.0 |
| February | 81.3 | W | 67.4 | W | - | 62.7 | 81.3 | W | 66.8 | 76.3 | 72.1 | 67.4 |
| March | 80.3 | W | 66.8 | W | - | 63.1 | 80.2 | W | 66.5 | 75.4 | 73.0 | 66.9 |
| April | 81.0 | W | 68.2 | W | - | 64.4 | 80.8 | W | 67.9 | 76.6 | 73.1 | 68.6 |
| May | 83.0 | W | 69.7 | W | - | 66.8 | 82.6 | W | 69.5 | 78.2 | 76.2 | 70.8 |
| June | 84.5 | W | 70.4 | W | - | 67.2 | 84.1 | W | 70.2 | 79.0 | 75.7 | 71.5 |
| July | 84.7 | W | 71.2 | W | - | 69.7 | 84.3 | W | 71.2 | 78.0 | 78.6 | 69.0 |
| August | 84.4 | W | 71.9 | W | - | 71.2 | 84.1 | W | 71.9 | 79.8 | 79.2 | 73.0 |
| September | 84.8 | W | 73.0 | W | - | 70.8 | 84.5 | W | 72.9 | 79.9 | 81.0 | 75.4 |
| October | 84.5 | W | 71.2 | W | - | 67.6 | 84.2 | W | 71.0 | 80.4 | 78.9 | 70.4 |
| November | 84.0 | W | 68.8 | W | - | 64.4 | 83.8 | W | 68.5 | 77.6 | 75.4 | 69.6 |
| December | 83.7 | 67.0 | 68.0 | W | - | 63.0 | 83.4 | 67.0 | 67.7 | 78.0 | 74.8 | 68.6 |
| **1988 Average** | **83.4** | **75.2** | **69.8** | W | - | **66.1** | **83.1** | **75.2** | **69.6** | **78.1** | **76.2** | **70.1** |
| **Washington** | | | | | | | | | | | | |
| January | 77.8 | 63.6 | 65.2 | W | W | 59.6 | 77.9 | 63.2 | 64.9 | 81.0 | 74.7 | 64.8 |
| February | 74.9 | 61.8 | 63.2 | W | W | 59.0 | 74.7 | 61.5 | 63.0 | 80.2 | 73.6 | 66.8 |
| March | 74.4 | 60.1 | 61.9 | W | W | 59.4 | 74.3 | 59.8 | 61.8 | 79.3 | 73.9 | 67.0 |
| April | 75.3 | 61.1 | 63.4 | W | W | 61.6 | 75.4 | 61.1 | 63.3 | 79.1 | 77.2 | 69.0 |
| May | 76.7 | 63.0 | 65.1 | W | W | 64.0 | 76.7 | 63.1 | 65.1 | 80.8 | 75.6 | 70.6 |
| June | 77.7 | 67.1 | 65.8 | W | W | 65.4 | 77.7 | 66.6 | 65.8 | 80.4 | 76.7 | 69.1 |
| July | 77.9 | 69.9 | 66.5 | W | W | 67.2 | 77.8 | 69.0 | 66.6 | 79.5 | 79.8 | 71.5 |
| August | 78.4 | 69.1 | 67.4 | W | W | 68.4 | 78.4 | 69.2 | 67.4 | 82.9 | 79.6 | 68.4 |
| September | 78.7 | 71.2 | 67.6 | W | W | 68.3 | 78.8 | 70.6 | 67.7 | 81.1 | 78.4 | 73.7 |
| October | 77.9 | 67.9 | 65.9 | W | W | 61.5 | 78.0 | 67.2 | 65.5 | 80.5 | 74.0 | 71.4 |
| November | 76.0 | 65.8 | 63.5 | W | W | 57.7 | 76.2 | 64.4 | 62.9 | 79.7 | 72.1 | 69.3 |
| December | 75.3 | 65.6 | 62.0 | W | W | 58.8 | 75.3 | 64.0 | 61.8 | 78.4 | 70.2 | 67.5 |
| **1988 Average** | **76.8** | **64.1** | **64.9** | W | W | **62.4** | **76.8** | **64.1** | **64.7** | **80.2** | **75.4** | **69.4** |

Dashes (-) = No data reported.
NA = Not Available.
W = Withheld to avoid disclosure of individual company data.
Sources: Refiners and Gas Plant Operators: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report"; Resellers: Energy Information Administration Form EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

# Table 33. Refiner Prices of Aviation Fuels and Propane
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **U.S. Average** | | | | | | |
| January | 88.4 | 85.9 | 56.4 | 53.2 | 72.6 | 26.8 |
| February | 88.2 | 84.2 | 55.0 | 52.4 | 75.5 | 26.6 |
| March | 87.7 | 84.2 | 53.9 | 50.4 | 73.6 | 25.6 |
| April | 87.6 | 84.2 | 52.3 | 50.4 | 68.9 | 25.2 |
| May | 89.2 | 85.0 | 53.1 | 51.4 | 65.2 | 24.9 |
| June | 87.2 | 85.1 | 52.7 | 51.0 | 70.0 | 24.3 |
| July | 89.7 | 86.1 | 50.3 | 47.5 | 70.7 | 21.8 |
| August | 92.2 | 86.7 | 49.1 | 47.9 | 68.9 | 22.1 |
| September | 90.8 | 85.7 | 48.4 | 46.9 | 69.9 | 22.5 |
| October | 88.7 | 83.8 | 46.3 | 45.2 | 69.4 | 22.1 |
| November | 89.2 | 83.5 | 47.6 | 46.4 | 71.5 | 22.1 |
| December | 89.2 | 83.7 | 51.0 | 50.1 | 73.5 | 22.9 |
| **1988 Average** | **89.1** | **85.0** | **51.3** | **49.5** | **71.4** | **24.0** |
| **PAD District I Average** | | | | | | |
| January | 88.8 | 84.2 | 55.9 | 56.4 | 84.2 | 32.7 |
| February | 88.2 | 82.4 | 54.7 | 55.2 | 86.2 | 33.1 |
| March | 88.2 | 82.2 | 53.0 | 52.3 | 87.2 | 31.7 |
| April | 88.1 | 82.5 | 51.3 | 53.2 | 85.6 | 32.1 |
| May | 90.2 | 82.9 | 52.5 | 53.1 | 87.6 | 32.2 |
| June | 86.0 | 83.8 | 52.1 | 51.5 | 86.0 | 31.4 |
| July | 90.9 | 84.5 | 49.1 | 47.8 | 83.6 | 27.7 |
| August | 93.6 | 83.8 | 48.9 | 48.9 | 82.0 | 27.4 |
| September | 91.9 | 83.0 | 48.6 | 49.2 | 83.0 | 27.6 |
| October | 89.3 | 81.6 | 46.9 | 47.8 | 83.3 | 26.8 |
| November | 89.7 | 82.4 | 48.9 | 48.9 | 84.2 | 26.3 |
| December | 89.5 | 81.4 | 52.8 | 53.9 | 84.3 | 27.8 |
| **1988 Average** | **89.5** | **82.9** | **51.2** | **51.3** | **84.8** | **29.8** |
| **Subdistrict IA Average** | | | | | | |
| January | W | 87.9 | 56.0 | 61.3 | 91.5 | 35.9 |
| February | W | 88.7 | 57.4 | 58.5 | 91.5 | 34.7 |
| March | 94.8 | 84.3 | 55.9 | 56.5 | W | 34.3 |
| April | W | 87.1 | 54.3 | 60.7 | W | 35.0 |
| May | 98.0 | 87.8 | 55.5 | 57.3 | W | 35.3 |
| June | 98.0 | 88.8 | 55.1 | 54.6 | W | 35.1 |
| July | 98.4 | 88.6 | 53.0 | 56.4 | W | 29.8 |
| August | W | 90.1 | 52.9 | 50.9 | W | 31.2 |
| September | W | 86.8 | 51.9 | 53.8 | W | 31.8 |
| October | W | W | 51.0 | 50.0 | W | 29.3 |
| November | W | 89.0 | 53.5 | 54.8 | 93.3 | 29.0 |
| December | W | 87.4 | 57.4 | 56.8 | W | 30.0 |
| **1988 Average** | W | **87.7** | **54.5** | **54.9** | W | **32.9** |
| **Connecticut** | | | | | | |
| January | NA | NA | 51.9 | W | 89.6 | 34.0 |
| February | NA | NA | 58.9 | 56.9 | 91.3 | 34.3 |
| March | NA | NA | 56.6 | 53.5 | 95.6 | 33.4 |
| April | NA | NA | 55.1 | W | 93.4 | 33.4 |
| May | NA | NA | 56.3 | 54.4 | 98.8 | 33.9 |
| June | NA | NA | 55.9 | W | 91.6 | 34.7 |
| July | NA | NA | 52.7 | W | 92.4 | 31.7 |
| August | NA | NA | 52.0 | 50.9 | 92.3 | 29.2 |
| September | NA | NA | 52.1 | 50.3 | 88.7 | 28.9 |
| October | NA | NA | 50.3 | 47.4 | 94.5 | 28.7 |
| November | NA | NA | 53.3 | W | 91.3 | 28.3 |
| December | NA | NA | 55.7 | 56.9 | 91.2 | 29.8 |
| **1988 Average** | NA | NA | **54.0** | **53.2** | **92.4** | **31.8** |

See footnotes at end of table.

## Table 33. Refiner Prices of Aviation Fuels and Propane (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | 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 | 59.5 | W | W | 36.0 |
| February | W | W | 59.1 | W | W | 39.6 |
| March | W | W | 57.4 | W | W | 38.9 |
| April | W | W | 56.4 | W | W | 40.6 |
| May | W | W | 56.7 | W | W | 38.1 |
| June | W | W | 56.7 | W | W | 35.3 |
| July | W | W | 54.1 | W | W | 42.8 |
| August | W | W | W | W | W | 44.1 |
| September | W | W | W | W | W | 46.2 |
| October | W | W | 52.6 | W | W | 35.5 |
| November | W | W | 55.7 | W | W | 33.8 |
| December | W | W | 59.6 | W | W | 52.3 |
| **1988 Average** | W | W | **55.7** | **60.5** | W | **39.0** |
| **Massachusetts** | | | | | | |
| January | 95.3 | 93.3 | 58.0 | 63.1 | 93.4 | 36.0 |
| February | 94.7 | 97.6 | 56.8 | 61.4 | 94.6 | 33.9 |
| March | 92.3 | 92.7 | 55.5 | 58.5 | 98.7 | 33.2 |
| April | 94.1 | 95.2 | 53.9 | 59.8 | 98.4 | 35.7 |
| May | 95.5 | 89.8 | 55.1 | 59.6 | 96.8 | 35.3 |
| June | 95.7 | 94.5 | 54.6 | 52.7 | 97.9 | 33.3 |
| July | 94.8 | 94.1 | 52.8 | 56.0 | 98.3 | 41.1 |
| August | 100.4 | 94.7 | 52.7 | 49.8 | 96.8 | 33.2 |
| September | W | 91.6 | 51.6 | 56.2 | 98.5 | 32.5 |
| October | W | W | 50.8 | 54.3 | 95.9 | 27.7 |
| November | W | 92.4 | 53.3 | 56.3 | 96.5 | 28.3 |
| December | W | 91.2 | 57.4 | 54.9 | 95.2 | 29.5 |
| **1988 Average** | **95.6** | **93.2** | **54.3** | **55.0** | **96.5** | **33.3** |
| **New Hampshire** | | | | | | |
| January | NA | NA | W | W | W | 37.4 |
| February | NA | NA | W | W | W | 37.0 |
| March | NA | NA | W | W | W | 39.5 |
| April | NA | NA | W | W | W | 32.3 |
| May | NA | NA | 57.5 | W | W | 35.0 |
| June | NA | NA | W | W | W | 47.0 |
| July | NA | NA | W | W | W | 29.0 |
| August | NA | NA | W | W | W | W |
| September | NA | NA | 53.2 | W | W | 42.7 |
| October | NA | NA | W | W | W | 30.4 |
| November | NA | NA | 56.0 | W | W | 29.0 |
| December | NA | NA | W | W | W | 26.2 |
| **1988 Average** | NA | NA | **57.0** | W | W | **32.3** |
| **Rhode Island** | | | | | | |
| January | NA | NA | W | - | W | 37.5 |
| February | NA | NA | W | - | W | 35.7 |
| March | NA | NA | W | - | W | 36.8 |
| April | NA | NA | W | W | W | 37.1 |
| May | NA | NA | W | W | W | 38.1 |
| June | NA | NA | W | W | W | 40.1 |
| July | NA | NA | W | W | W | W |
| August | NA | NA | W | W | W | 35.9 |
| September | NA | NA | W | W | W | 39.8 |
| October | NA | NA | W | W | W | W |
| November | NA | NA | W | - | W | W |
| December | NA | NA | W | - | W | 33.0 |
| **1988 Average** | NA | NA | W | W | W | **33.2** |

See footnotes at end of table.

## Table 33. Refiner Prices of Aviation Fuels and Propane (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Vermont** | | | | | | |
| January | NA | NA | W | - | W | 36.3 |
| February | NA | NA | W | W | W | 34.9 |
| March | NA | NA | W | W | W | 34.3 |
| April | NA | NA | W | W | W | 36.1 |
| May | NA | NA | W | - | W | 37.6 |
| June | NA | NA | W | - | W | 39.2 |
| July | NA | NA | W | W | W | 33.0 |
| August | NA | NA | W | W | W | 37.9 |
| September | NA | NA | W | W | W | 31.6 |
| October | NA | NA | W | W | W | 31.2 |
| November | NA | NA | W | W | W | 29.3 |
| December | NA | NA | W | 65.1 | W | 30.3 |
| **1988 Average** | NA | NA | W | **60.5** | W | **33.4** |
| **Subdistrict IB Average** | | | | | | |
| January | W | 86.4 | 56.7 | 55.0 | 84.5 | 33.0 |
| February | W | NA | 54.7 | 53.7 | 88.0 | 33.6 |
| March | W | 79.5 | 53.4 | 50.3 | 88.8 | 31.6 |
| April | 90.7 | 81.8 | 52.1 | 51.8 | 89.1 | 32.0 |
| May | 93.1 | 82.2 | 53.2 | 51.6 | 94.3 | 32.0 |
| June | 92.8 | 83.1 | 52.5 | 50.2 | 92.8 | 31.0 |
| July | 94.3 | 84.9 | 49.6 | 46.7 | 92.8 | 27.8 |
| August | 96.4 | 82.1 | 49.1 | 47.6 | 93.3 | 26.8 |
| September | 94.6 | 80.9 | 49.4 | 48.9 | 91.2 | 27.1 |
| October | 91.7 | 80.5 | 47.2 | 46.4 | 90.2 | 26.5 |
| November | W | 81.4 | 49.4 | 47.9 | 89.2 | 26.1 |
| December | 91.6 | 78.8 | 52.9 | 53.2 | 86.6 | 28.3 |
| **1988 Average** | **92.8** | **81.5** | **51.7** | **50.0** | **89.2** | **29.9** |
| **Delaware** | | | | | | |
| January | NA | NA | W | W | W | W |
| February | NA | NA | W | W | W | W |
| March | NA | NA | W | W | W | W |
| April | NA | NA | W | W | W | 30.5 |
| May | NA | NA | W | W | W | W |
| June | NA | NA | W | W | W | W |
| July | NA | NA | W | W | W | W |
| August | NA | NA | 55.8 | W | W | W |
| September | NA | NA | W | W | W | W |
| October | NA | NA | W | W | W | W |
| November | NA | NA | 50.2 | W | W | W |
| December | NA | NA | W | W | W | W |
| **1988 Average** | NA | NA | **56.1** | W | W | W |
| **District of Columbia** | | | | | | |
| January | NA | NA | - | - | W | - |
| February | NA | NA | - | - | W | - |
| March | NA | NA | - | - | W | - |
| April | NA | NA | - | - | W | - |
| May | NA | NA | - | - | W | - |
| June | NA | NA | - | - | W | - |
| July | NA | NA | - | - | W | - |
| August | NA | NA | - | - | W | - |
| September | NA | NA | - | - | W | - |
| October | NA | NA | - | - | W | - |
| November | NA | NA | - | - | W | - |
| December | NA | NA | - | - | W | - |
| **1988 Average** | NA | NA | - | - | W | - |

See footnotes at end of table.

## Table 33. Refiner Prices of Aviation Fuels and Propane (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Maryland** | | | | | | |
| January | NA | NA | 55.7 | 58.0 | W | 36.6 |
| February | NA | NA | 54.5 | 61.2 | W | 35.2 |
| March | NA | NA | 52.6 | 58.6 | W | 33.9 |
| April | NA | NA | 50.5 | 59.7 | 87.3 | 34.6 |
| May | NA | NA | 51.8 | 59.7 | W | 37.1 |
| June | NA | NA | 51.6 | 58.2 | W | 36.3 |
| July | NA | NA | 48.3 | 56.8 | W | 32.8 |
| August | NA | NA | 48.1 | 54.5 | W | 30.3 |
| September | NA | NA | 47.9 | W | W | 30.0 |
| October | NA | NA | 46.7 | W | W | 28.8 |
| November | NA | NA | 48.7 | 55.5 | W | 28.9 |
| December | NA | NA | 52.7 | W | W | 31.6 |
| **1988 Average** | NA | NA | **50.6** | **57.6** | W | **33.4** |
| **New Jersey** | | | | | | |
| January | W | NA | 56.5 | 55.9 | 96.6 | 32.4 |
| February | W | W | 54.2 | 54.1 | 98.8 | 33.3 |
| March | W | W | 53.0 | 50.0 | 95.3 | 31.2 |
| April | W | W | 51.7 | 51.7 | 101.6 | 30.6 |
| May | W | W | 52.8 | 52.0 | 99.4 | 31.5 |
| June | W | W | 52.1 | 50.4 | 92.8 | 32.0 |
| July | W | W | 48.9 | 46.4 | 101.8 | 28.8 |
| August | W | W | 48.3 | 47.3 | NA | 27.5 |
| September | W | W | 49.1 | 49.2 | W | 27.3 |
| October | W | W | 46.6 | 46.8 | NA | 26.7 |
| November | W | W | 49.0 | 47.0 | NA | 26.5 |
| December | W | W | 52.4 | 50.9 | 99.3 | 28.2 |
| **1988 Average** | W | W | **51.2** | **49.6** | **93.4** | **29.9** |
| **New York** | | | | | | |
| January | W | 94.9 | 61.3 | 60.8 | 96.5 | 33.2 |
| February | W | 95.8 | 61.3 | 62.2 | 95.6 | 34.5 |
| March | W | 96.5 | 58.7 | 58.6 | 95.6 | 32.9 |
| April | W | 94.9 | 56.6 | 54.1 | 100.6 | 34.4 |
| May | W | W | 56.9 | 62.9 | 98.9 | 33.2 |
| June | W | 95.6 | 57.8 | 61.7 | 102.1 | 33.7 |
| July | W | W | 54.1 | 52.1 | 101.8 | 30.5 |
| August | W | W | 53.8 | 64.5 | 102.4 | 30.0 |
| September | W | W | 53.2 | 60.6 | 101.3 | 30.2 |
| October | W | W | 52.3 | 59.6 | 98.6 | 28.1 |
| November | W | W | 53.9 | 57.8 | 95.5 | 27.7 |
| December | W | W | 56.2 | 62.4 | 93.2 | 29.4 |
| **1988 Average** | W | **94.9** | **56.0** | **58.4** | **97.5** | **31.7** |
| **Pennsylvania** | | | | | | |
| January | W | 84.9 | 56.5 | 53.9 | 65.7 | 32.6 |
| February | W | NA | 54.9 | 52.3 | 73.6 | 33.3 |
| March | 89.2 | 84.7 | 53.4 | 49.2 | 76.7 | 30.8 |
| April | 89.0 | 85.5 | 52.4 | 51.1 | 74.8 | 30.7 |
| May | 90.6 | 86.0 | 53.6 | 49.1 | 82.1 | 31.3 |
| June | 90.6 | 88.2 | 52.9 | 49.1 | 79.5 | 29.3 |
| July | 90.9 | 87.7 | 50.5 | 46.4 | 77.5 | 26.4 |
| August | 92.8 | 86.9 | 50.0 | 47.1 | 76.4 | 25.9 |
| September | 91.7 | 87.0 | 49.2 | 46.2 | 81.2 | 26.3 |
| October | W | 86.3 | 47.5 | 45.1 | 82.4 | 25.7 |
| November | W | 85.9 | 49.3 | 48.5 | 79.6 | 25.7 |
| December | 89.6 | 85.5 | 53.5 | 56.8 | 68.6 | 28.0 |
| **1988 Average** | **90.3** | **84.2** | **52.0** | **49.5** | **74.7** | **29.3** |

See footnotes at end of table.

# Table 33. Refiner Prices of Aviation Fuels and Propane (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Subdistrict IC Average** | | | | | | |
| January | 85.7 | 83.3 | 55.2 | 61.6 | 81.6 | 32.1 |
| February | 85.2 | 83.5 | 54.2 | 58.5 | 83.3 | 32.5 |
| March | 85.7 | 82.6 | 52.2 | 57.0 | 84.0 | 31.5 |
| April | 85.4 | 81.9 | 50.2 | 55.7 | 79.2 | 31.7 |
| May | 87.2 | 82.1 | 51.4 | 57.3 | 78.3 | 31.8 |
| June | 81.3 | 83.0 | 51.0 | 55.2 | 76.6 | 31.0 |
| July | 86.8 | 83.3 | 48.0 | 55.7 | 73.8 | 27.2 |
| August | 89.5 | 83.4 | 48.1 | 53.1 | 71.5 | 27.3 |
| September | 88.0 | 82.9 | 47.2 | 49.4 | 73.4 | 27.4 |
| October | 87.1 | 81.2 | 45.8 | 52.0 | 76.8 | 26.7 |
| November | 88.0 | 81.4 | 47.9 | 51.4 | 78.9 | 26.1 |
| December | 87.8 | 81.2 | 51.9 | 56.1 | 81.0 | 27.4 |
| **1988 Average** | **86.2** | **82.4** | **50.2** | **55.0** | **79.2** | **29.3** |
| **Florida** | | | | | | |
| January | 84.4 | 82.2 | 56.6 | 62.2 | 90.2 | 33.5 |
| February | 84.1 | 82.6 | 55.5 | 56.9 | 92.5 | 34.0 |
| March | 84.7 | 81.1 | 53.3 | 56.3 | 89.5 | 33.0 |
| April | 84.1 | 80.1 | 51.7 | 54.7 | 84.6 | 32.8 |
| May | 85.6 | 79.4 | 52.6 | 58.1 | 83.5 | 33.1 |
| June | 78.4 | 80.5 | 52.3 | 55.3 | 80.9 | 32.9 |
| July | 85.1 | 81.3 | 49.3 | 56.8 | 80.2 | 28.8 |
| August | 86.9 | 81.2 | 49.1 | 55.3 | 79.8 | 28.5 |
| September | 86.7 | 82.0 | 48.5 | 47.9 | 81.3 | 28.5 |
| October | 85.6 | 80.4 | 47.3 | 52.5 | 84.1 | 28.3 |
| November | 86.7 | 80.9 | 49.1 | 50.2 | 86.9 | 28.3 |
| December | 86.3 | 79.2 | 53.5 | 55.6 | 87.2 | 29.4 |
| **1988 Average** | **84.4** | **80.8** | **51.6** | **54.5** | **86.4** | **31.3** |
| **Georgia** | | | | | | |
| January | 85.4 | 84.8 | 52.8 | 60.2 | 76.4 | 30.7 |
| February | 84.7 | 84.3 | 52.2 | 59.3 | 77.3 | 31.0 |
| March | 85.4 | 83.7 | 49.9 | 56.6 | 77.6 | 29.5 |
| April | 85.3 | 84.4 | 47.7 | 54.8 | 73.0 | 29.4 |
| May | 87.7 | 84.2 | 49.3 | 53.3 | 72.3 | 29.5 |
| June | 87.0 | 85.6 | 49.4 | 50.2 | 70.7 | 28.8 |
| July | 86.5 | 85.5 | 45.2 | 54.5 | 68.5 | 25.3 |
| August | 89.4 | 85.1 | 46.1 | 51.4 | 66.3 | 26.0 |
| September | 85.5 | 83.6 | 44.8 | 51.3 | 69.5 | 26.0 |
| October | 87.4 | 83.0 | 43.1 | 48.9 | 69.1 | 25.5 |
| November | 89.6 | 83.7 | 45.2 | 49.6 | 69.0 | 24.4 |
| December | W | 83.5 | 48.6 | 53.8 | 73.8 | 25.7 |
| **1988 Average** | **86.8** | **84.3** | **47.8** | **53.5** | **73.0** | **27.8** |
| **North Carolina** | | | | | | |
| January | W | 84.3 | 55.2 | 61.7 | 77.9 | 31.8 |
| February | W | 84.1 | 53.6 | 60.5 | 80.1 | 31.9 |
| March | W | 84.2 | 51.7 | 60.0 | 82.0 | 31.3 |
| April | W | 84.3 | 49.9 | 58.0 | 77.1 | 31.2 |
| May | W | 85.5 | 50.6 | 59.2 | 74.6 | 31.3 |
| June | W | 85.8 | 50.8 | 58.6 | 74.8 | 30.1 |
| July | W | 84.4 | 48.6 | 57.1 | 68.0 | 26.8 |
| August | W | 85.0 | 47.9 | 48.9 | 66.5 | 26.9 |
| September | W | 82.6 | 47.4 | 48.3 | 70.5 | 27.0 |
| October | W | 80.1 | 46.0 | 53.5 | 74.9 | 26.4 |
| November | 91.1 | 80.0 | 48.3 | 54.7 | 75.4 | 25.5 |
| December | W | 81.8 | 51.8 | 58.4 | 77.1 | 26.9 |
| **1988 Average** | W | **83.5** | **50.1** | **53.6** | **75.7** | **28.5** |

See footnotes at end of table.

## Table 33. Refiner Prices of Aviation Fuels and Propane (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | 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 | 84.6 | 62.0 | 62.6 | 85.3 | 31.3 |
| February | W | 84.2 | 60.0 | 61.6 | 84.3 | 31.5 |
| March | W | 83.7 | 59.7 | 60.1 | 88.0 | 30.2 |
| April | W | 83.1 | 56.2 | 58.5 | 80.2 | 30.5 |
| May | W | 80.5 | 57.5 | 59.3 | 75.6 | 30.5 |
| June | W | W | 57.2 | 59.2 | 79.1 | 29.3 |
| July | W | 84.6 | 54.2 | 58.8 | 75.7 | 25.8 |
| August | W | 84.2 | 54.0 | 57.7 | 73.0 | 26.5 |
| September | W | 84.0 | 53.3 | 56.7 | 78.9 | 26.7 |
| October | W | W | 51.6 | W | 84.6 | 25.9 |
| November | W | 81.9 | 54.1 | 54.5 | 85.0 | 25.2 |
| December | W | 82.6 | 57.9 | 57.2 | 88.0 | 26.7 |
| **1988 Average** | W | **83.1** | **56.5** | **58.2** | **83.4** | **28.0** |
| **Virginia** | | | | | | |
| January | W | W | 55.6 | 61.6 | 75.5 | 33.4 |
| February | W | 94.0 | 54.3 | 62.5 | 75.2 | 33.5 |
| March | W | 89.8 | 52.8 | 58.0 | 77.9 | 32.6 |
| April | W | 90.2 | 51.1 | 58.8 | 73.1 | 32.9 |
| May | W | 96.0 | 52.2 | 59.5 | 75.1 | 31.7 |
| June | W | W | 51.0 | 58.9 | 72.1 | 31.2 |
| July | W | 89.9 | 48.6 | 54.4 | 71.4 | 27.7 |
| August | W | 87.6 | 48.8 | 57.0 | 69.6 | 28.4 |
| September | W | W | 48.0 | 53.7 | 67.6 | 28.7 |
| October | W | 87.6 | 46.7 | 54.4 | 71.4 | 27.9 |
| November | W | 87.2 | 48.9 | 55.7 | 73.7 | 26.8 |
| December | W | 90.6 | 52.7 | 58.8 | 76.7 | 28.2 |
| **1988 Average** | W | **89.5** | **50.9** | **57.8** | **73.8** | **30.0** |
| **West Virginia** | | | | | | |
| January | W | 84.0 | 64.0 | W | 80.1 | 30.5 |
| February | W | W | 62.2 | 64.8 | 80.0 | 28.7 |
| March | W | W | 62.0 | 62.8 | 83.5 | 28.8 |
| April | W | W | 60.9 | 62.8 | 81.0 | 29.1 |
| May | W | W | 62.0 | 63.9 | W | 28.6 |
| June | W | - | 62.6 | W | W | 28.8 |
| July | W | W | 58.4 | W | W | 24.9 |
| August | W | W | 58.6 | W | W | W |
| September | W | W | 57.3 | W | W | 25.7 |
| October | W | W | 57.2 | W | W | 24.0 |
| November | W | - | 57.5 | 56.8 | W | 24.5 |
| December | W | W | 59.1 | W | W | 24.8 |
| **1988 Average** | W | **88.1** | **60.1** | **61.2** | **85.0** | **26.9** |
| **PAD District II Average** | | | | | | |
| January | 86.6 | 81.6 | 56.9 | 56.5 | 70.5 | 24.8 |
| February | 86.6 | 81.2 | 55.6 | 56.0 | 70.2 | 24.5 |
| March | 85.3 | 80.8 | 54.0 | 54.8 | 69.8 | 23.9 |
| April | 84.4 | 80.4 | 52.4 | 54.3 | 68.2 | 23.3 |
| May | 84.8 | 80.7 | 53.2 | 55.0 | 69.4 | 22.9 |
| June | 85.0 | 81.4 | 52.8 | 53.7 | 62.8 | 22.7 |
| July | 85.0 | 81.5 | 50.7 | 52.5 | 66.2 | 20.8 |
| August | 86.6 | 81.4 | 49.7 | 52.0 | 63.6 | 21.3 |
| September | 84.6 | 80.9 | 49.7 | 51.2 | 63.3 | 21.7 |
| October | 83.4 | 78.9 | 47.7 | 49.9 | 63.1 | 21.6 |
| November | 83.7 | 79.4 | 49.2 | 50.1 | 64.9 | 21.7 |
| December | 84.4 | 79.9 | 52.8 | 53.4 | 67.0 | 21.7 |
| **1988 Average** | **85.0** | **80.7** | **52.0** | **53.5** | **67.2** | **22.7** |

See footnotes at end of table.

## Table 33. Refiner Prices of Aviation Fuels and Propane (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Illinois** | | | | | | |
| January | 89.1 | 80.5 | 59.0 | 63.9 | 62.8 | 25.9 |
| February | W | 83.2 | 58.6 | 61.4 | 61.9 | 25.4 |
| March | W | 81.5 | 57.3 | 59.7 | 60.0 | 24.0 |
| April | W | 81.3 | 55.3 | 60.7 | 59.4 | 23.6 |
| May | W | 81.6 | 53.9 | 60.1 | 59.9 | 23.2 |
| June | W | 82.9 | 53.2 | 52.8 | 61.5 | 22.7 |
| July | W | 82.7 | 51.9 | 58.5 | 61.2 | 21.1 |
| August | W | 82.7 | 49.9 | 57.0 | 59.4 | 21.9 |
| September | W | 82.6 | 49.3 | 57.0 | 57.6 | 22.4 |
| October | W | 80.3 | 47.3 | 54.5 | 60.8 | 22.0 |
| November | W | 79.9 | 48.2 | 55.4 | 60.6 | 22.3 |
| December | W | 81.8 | 50.6 | 58.1 | 59.4 | 22.2 |
| **1988 Average** | **84.1** | **81.9** | **51.8** | **58.1** | **60.5** | **23.3** |
| **Indiana** | | | | | | |
| January | W | 75.7 | 55.8 | 54.1 | 67.2 | 27.9 |
| February | W | 74.2 | 54.6 | 53.2 | 66.2 | 27.5 |
| March | W | 73.2 | 52.5 | 51.9 | 64.3 | 26.3 |
| April | W | 72.6 | 50.1 | 50.7 | 64.1 | 24.2 |
| May | 85.9 | 74.8 | 52.3 | 52.6 | 63.9 | 23.9 |
| June | W | 75.3 | 51.4 | 51.6 | 65.9 | 23.5 |
| July | W | 74.9 | 48.7 | 51.1 | 68.7 | 23.7 |
| August | W | 75.0 | 48.0 | 50.2 | 66.2 | 23.1 |
| September | W | 75.2 | 48.9 | 49.2 | 62.4 | 23.8 |
| October | W | 74.6 | 46.3 | 47.1 | W | 24.3 |
| November | 81.5 | 75.2 | 48.2 | 46.9 | 63.9 | 24.6 |
| December | W | 74.9 | 52.1 | 50.2 | W | 25.0 |
| **1988 Average** | **83.8** | **74.7** | **50.5** | **51.0** | **64.7** | **25.0** |
| **Iowa** | | | | | | |
| January | NA | NA | 60.4 | 63.9 | 54.6 | 25.2 |
| February | NA | NA | 59.3 | W | 57.0 | 24.8 |
| March | NA | NA | 57.5 | 60.4 | 56.2 | 24.8 |
| April | NA | NA | 57.1 | 61.3 | 55.1 | 24.8 |
| May | NA | NA | 57.8 | 60.7 | 56.6 | 25.0 |
| June | NA | NA | 57.3 | 57.5 | 54.9 | 24.7 |
| July | NA | NA | 55.5 | 55.9 | 56.4 | 22.8 |
| August | NA | NA | 53.0 | 58.2 | 58.3 | 23.2 |
| September | NA | NA | 52.6 | 57.3 | 51.0 | 23.1 |
| October | NA | NA | 51.2 | 54.5 | 50.1 | 22.9 |
| November | NA | NA | 52.3 | 55.6 | 51.8 | 22.4 |
| December | NA | NA | 54.6 | 56.2 | 53.1 | 22.6 |
| **1988 Average** | NA | NA | **55.6** | **58.7** | **54.2** | **23.7** |
| **Kansas** | | | | | | |
| January | NA | NA | 56.4 | 55.0 | W | 21.5 |
| February | NA | NA | 54.1 | 54.4 | W | 21.5 |
| March | NA | NA | 54.1 | 55.6 | W | 21.5 |
| April | NA | NA | 52.1 | 52.8 | W | 21.2 |
| May | NA | NA | 51.5 | 52.4 | W | 21.7 |
| June | NA | NA | 52.2 | 51.3 | W | 21.7 |
| July | NA | NA | 49.9 | 48.9 | W | 19.7 |
| August | NA | NA | 48.7 | 47.9 | W | 19.8 |
| September | NA | NA | 48.1 | 46.9 | W | 19.5 |
| October | NA | NA | 46.8 | 44.2 | W | 18.9 |
| November | NA | NA | 47.9 | 45.8 | W | 18.7 |
| December | NA | NA | 52.2 | 49.3 | W | 19.0 |
| **1988 Average** | NA | NA | **51.4** | **50.2** | W | **20.3** |

See footnotes at end of table.

## Table 33. Refiner Prices of Aviation Fuels and Propane (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Kentucky** | | | | | | |
| January | W | 81.4 | 57.3 | 57.1 | 82.8 | 28.2 |
| February | W | 83.9 | 56.1 | 62.6 | 83.7 | 28.7 |
| March | W | 82.5 | 54.2 | 58.6 | 83.3 | 27.9 |
| April | W | 81.3 | 53.7 | 59.8 | 83.2 | 27.5 |
| May | W | 82.4 | 54.5 | 60.4 | 62.6 | 25.6 |
| June | W | 82.7 | 53.9 | 58.8 | 34.1 | 25.4 |
| July | W | 84.0 | 51.8 | 60.2 | 38.8 | 23.8 |
| August | W | 84.1 | 51.3 | 57.7 | 36.9 | 24.3 |
| September | W | 84.9 | 50.6 | 57.2 | 50.4 | 24.4 |
| October | W | 83.7 | 48.8 | 55.3 | 55.6 | 23.4 |
| November | W | 83.4 | 49.6 | 55.1 | 48.6 | 23.4 |
| December | W | 81.2 | 53.4 | 58.9 | 53.4 | 24.2 |
| **1988 Average** | **W** | **82.9** | **53.1** | **58.5** | **57.7** | **25.7** |
| **Michigan** | | | | | | |
| January | 81.4 | 82.7 | 56.5 | 57.5 | W | 25.3 |
| February | 81.6 | W | 55.6 | 57.1 | W | 25.6 |
| March | 81.8 | W | 53.7 | 55.6 | W | 26.4 |
| April | 82.1 | W | 52.7 | 55.0 | W | 27.1 |
| May | 82.2 | W | 53.3 | 55.2 | 78.4 | 27.1 |
| June | 83.7 | 81.5 | 52.5 | 54.9 | 75.3 | 26.2 |
| July | 81.6 | W | 50.4 | 53.4 | 75.7 | 24.0 |
| August | 81.5 | W | 49.7 | 53.8 | 75.8 | 23.8 |
| September | 80.5 | W | 49.8 | 52.4 | 73.0 | 24.8 |
| October | 77.1 | W | 48.2 | 49.7 | W | 25.2 |
| November | 78.6 | W | 49.4 | 51.2 | W | 24.7 |
| December | 78.4 | W | 53.0 | 53.1 | W | 25.0 |
| **1988 Average** | **81.0** | **W** | **52.0** | **53.9** | **W** | **25.3** |
| **Minnesota** | | | | | | |
| January | NA | NA | 58.4 | 61.9 | W | 26.0 |
| February | NA | NA | 56.7 | W | W | 25.5 |
| March | NA | NA | 54.8 | 58.4 | W | 25.2 |
| April | NA | NA | 54.2 | 56.8 | W | 24.7 |
| May | NA | NA | 54.9 | 54.7 | W | 24.5 |
| June | NA | NA | 54.3 | 53.7 | W | 23.2 |
| July | NA | NA | 51.4 | 53.1 | W | 21.8 |
| August | NA | NA | 51.3 | 55.7 | W | 22.3 |
| September | NA | NA | 49.6 | 55.3 | 49.9 | 22.8 |
| October | NA | NA | 49.6 | 52.7 | W | 23.0 |
| November | NA | NA | 51.3 | 53.9 | W | 22.8 |
| December | NA | NA | 54.3 | 52.6 | W | 22.9 |
| **1988 Average** | **NA** | **NA** | **53.2** | **56.1** | **W** | **23.9** |
| **Missouri** | | | | | | |
| January | NA | NA | 56.6 | 62.0 | 66.4 | 25.3 |
| February | NA | NA | 55.8 | 59.9 | 66.5 | 24.9 |
| March | NA | NA | 53.7 | 60.3 | 68.2 | 24.6 |
| April | NA | NA | 51.7 | 60.5 | 69.3 | 24.4 |
| May | NA | NA | 52.6 | 59.9 | 64.7 | 25.3 |
| June | NA | NA | 52.3 | 59.3 | 64.7 | 25.8 |
| July | NA | NA | 51.0 | 56.6 | 58.8 | 23.0 |
| August | NA | NA | 49.4 | 52.7 | 54.9 | 23.2 |
| September | NA | NA | 51.0 | 50.8 | 60.1 | 22.9 |
| October | NA | NA | 48.9 | 52.4 | 57.3 | 22.1 |
| November | NA | NA | 50.0 | 52.1 | 58.7 | 21.8 |
| December | NA | NA | 52.7 | 55.3 | 62.3 | 22.2 |
| **1988 Average** | **NA** | **NA** | **52.5** | **56.2** | **63.2** | **23.6** |

See footnotes at end of table.

## Table 33. Refiner Prices of Aviation Fuels and Propane (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Nebraska** | | | | | | |
| January | W | 86.8 | 60.3 | 63.1 | W | 24.7 |
| February | W | 87.8 | 59.4 | 62.8 | W | 24.2 |
| March | W | 87.0 | 57.8 | 62.4 | W | 24.2 |
| April | W | 86.5 | 57.5 | 62.3 | W | 24.3 |
| May | W | 85.4 | 57.9 | 61.4 | W | 24.3 |
| June | W | 86.9 | 57.2 | 60.7 | W | 23.7 |
| July | W | 87.6 | 54.9 | 55.5 | W | 22.2 |
| August | W | 87.0 | 52.9 | 55.8 | W | 22.4 |
| September | W | 86.7 | 52.8 | 58.9 | W | 22.0 |
| October | W | 83.6 | 51.3 | 55.6 | W | 21.8 |
| November | W | 83.6 | 52.4 | 54.2 | W | 21.6 |
| December | W | 84.2 | 54.9 | 55.7 | W | 21.8 |
| **1988 Average** | W | **86.2** | **55.9** | **58.8** | W | **23.0** |
| **North Dakota** | | | | | | |
| January | NA | NA | 64.7 | W | W | 23.1 |
| February | NA | NA | 63.0 | W | W | 22.6 |
| March | NA | NA | 60.0 | 64.3 | W | 20.6 |
| April | NA | NA | 60.0 | 63.7 | W | 19.1 |
| May | NA | NA | 60.5 | W | 39.7 | 17.6 |
| June | NA | NA | 61.1 | 61.7 | 38.5 | 17.3 |
| July | NA | NA | 57.5 | 60.6 | 36.9 | 15.9 |
| August | NA | NA | 57.1 | W | 35.8 | 17.6 |
| September | NA | NA | 56.5 | W | 38.7 | 19.2 |
| October | NA | NA | 55.5 | W | 39.2 | 20.8 |
| November | NA | NA | 57.0 | W | 39.7 | 20.0 |
| December | NA | NA | 59.0 | W | 49.8 | 19.4 |
| **1988 Average** | NA | NA | **59.0** | **63.3** | **43.0** | **19.7** |
| **Ohio** | | | | | | |
| January | 89.4 | 81.0 | 57.4 | 57.9 | 75.0 | 28.3 |
| February | 87.7 | 81.6 | 56.1 | 57.2 | 75.0 | 27.7 |
| March | 84.4 | 81.6 | 54.9 | 56.4 | 74.8 | 27.3 |
| April | W | 80.8 | 53.8 | 57.3 | 72.6 | 26.9 |
| May | W | 81.0 | 53.8 | 56.1 | 76.6 | 26.8 |
| June | W | 82.1 | 53.4 | 54.2 | 77.2 | 24.5 |
| July | W | 81.6 | 51.8 | 51.9 | 78.6 | 22.1 |
| August | W | 82.5 | 50.8 | 50.5 | 72.2 | 22.4 |
| September | W | 80.8 | 50.7 | 53.0 | 72.7 | 22.9 |
| October | W | 79.6 | 49.0 | 50.3 | 67.1 | 24.7 |
| November | W | 80.4 | 50.4 | 53.8 | 70.5 | 25.3 |
| December | W | 82.3 | 54.3 | 55.9 | 78.2 | 24.5 |
| **1988 Average** | **84.6** | **81.3** | **52.9** | **54.7** | **73.6** | **25.2** |
| **Oklahoma** | | | | | | |
| January | 85.3 | 79.4 | 55.2 | 53.5 | W | 24.1 |
| February | W | 80.0 | 54.6 | 52.4 | W | 23.8 |
| March | W | 78.7 | 53.2 | 51.5 | 33.3 | 22.7 |
| April | W | 79.4 | 52.9 | 54.4 | W | 22.1 |
| May | 84.8 | 79.2 | 52.4 | 53.2 | W | 21.7 |
| June | W | 79.5 | 52.2 | 55.4 | W | 20.1 |
| July | W | 76.4 | 49.6 | 50.1 | W | 19.6 |
| August | 86.2 | 75.8 | 47.9 | 56.0 | W | 19.4 |
| September | W | 76.3 | 47.6 | 50.0 | W | 19.7 |
| October | 79.9 | 74.5 | 45.7 | 54.3 | W | 19.8 |
| November | 80.2 | 74.4 | 47.5 | 55.7 | W | 19.9 |
| December | 81.8 | 75.6 | 52.5 | 56.6 | W | 20.7 |
| **1988 Average** | **83.3** | **77.2** | **50.6** | **52.9** | **43.0** | **21.3** |

See footnotes at end of table.

## Table 33. Refiner Prices of Aviation Fuels and Propane (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | 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 | 87.3 | 62.9 | W | W | 25.5 |
| February | W | 86.9 | 61.6 | W | W | 25.1 |
| March | W | 86.2 | 59.8 | W | W | 25.1 |
| April | W | 85.9 | 59.7 | W | W | 24.3 |
| May | W | 85.4 | 59.3 | W | W | 24.1 |
| June | W | 86.7 | 59.9 | W | W | 23.4 |
| July | W | 87.7 | 58.3 | W | W | 22.1 |
| August | W | W | 56.9 | W | W | 22.0 |
| September | W | 87.0 | 56.2 | W | W | 23.0 |
| October | W | 84.9 | 55.0 | W | W | 22.8 |
| November | W | 84.3 | 54.7 | W | W | 22.7 |
| December | W | 84.8 | 56.9 | W | W | 22.9 |
| **1988 Average** | W | **86.4** | **58.8** | W | W | **23.8** |
| **Tennessee** | | | | | | |
| January | W | 81.6 | 56.4 | 59.2 | 77.2 | 32.7 |
| February | 87.8 | 80.3 | 54.3 | 57.3 | 77.2 | 33.2 |
| March | 87.9 | 81.5 | 52.9 | 56.0 | W | 32.1 |
| April | 87.1 | 77.5 | 51.2 | 56.0 | W | 32.8 |
| May | 88.9 | 77.1 | 52.4 | 55.7 | W | 32.9 |
| June | 88.6 | 79.9 | 53.0 | 55.5 | W | 32.7 |
| July | 87.9 | 82.5 | 50.5 | 53.4 | 67.9 | 30.5 |
| August | W | 83.6 | 49.5 | 53.9 | 71.9 | 27.0 |
| September | 90.5 | 83.3 | 49.0 | 53.0 | 75.5 | 28.1 |
| October | 90.1 | 81.9 | 46.5 | 51.0 | 78.0 | 27.4 |
| November | 88.8 | 82.3 | 48.9 | 51.1 | 74.4 | 27.7 |
| December | 90.6 | 81.9 | 52.1 | 55.2 | 78.5 | 28.7 |
| **1988 Average** | **88.9** | **80.8** | **51.6** | **54.7** | **75.7** | **30.2** |
| **Wisconsin** | | | | | | |
| January | W | W | 58.8 | 65.2 | 59.2 | 27.1 |
| February | W | 83.9 | 57.8 | 63.5 | 58.6 | 26.4 |
| March | - | 83.8 | 55.9 | 61.1 | 58.4 | 26.1 |
| April | W | 83.8 | 54.9 | 61.3 | 56.7 | 26.1 |
| May | W | W | 56.1 | 60.6 | 58.9 | 24.7 |
| June | W | 83.7 | 56.0 | 61.8 | 59.9 | 26.0 |
| July | W | 84.2 | 54.4 | 59.3 | 60.2 | 24.2 |
| August | W | 84.3 | 54.3 | 57.2 | 59.1 | 24.6 |
| September | W | 83.2 | 53.2 | 56.5 | 58.4 | 24.3 |
| October | W | W | 52.3 | 54.7 | 58.1 | 23.7 |
| November | W | W | 53.4 | 56.2 | 56.9 | 23.8 |
| December | W | W | 57.0 | W | 56.9 | 23.9 |
| **1988 Average** | W | **83.5** | **55.5** | **59.4** | **58.2** | **25.1** |
| **PAD District III Average** | | | | | | |
| January | 85.6 | 84.5 | 54.1 | 51.0 | 47.4 | 25.2 |
| February | 84.3 | 80.0 | 51.9 | 49.7 | 55.5 | 25.2 |
| March | 83.9 | 81.6 | 50.5 | 47.0 | 42.7 | 24.5 |
| April | 83.8 | 82.8 | 49.4 | 46.9 | 34.6 | 24.3 |
| May | 86.1 | 81.5 | 49.3 | 47.4 | 30.4 | 24.4 |
| June | 86.6 | 81.2 | 48.8 | 48.0 | 38.7 | 23.6 |
| July | 86.4 | 79.6 | 47.1 | 44.8 | 42.7 | 20.8 |
| August | 88.7 | 82.6 | 46.7 | 45.6 | 39.5 | 20.9 |
| September | 88.2 | 81.3 | 46.3 | 44.7 | 44.2 | 21.4 |
| October | 86.8 | 81.2 | 44.2 | 44.0 | 40.0 | 20.4 |
| November | 87.0 | 81.0 | 45.9 | 45.6 | 48.3 | 20.3 |
| December | 87.4 | 80.5 | 49.2 | 50.6 | 54.0 | 21.2 |
| **1988 Average** | **86.3** | **81.4** | **48.4** | **47.1** | **42.5** | **22.7** |

See footnotes at end of table.

# Table 33. Refiner Prices of Aviation Fuels and Propane (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Alabama** | | | | | | |
| January | 86.4 | W | 60.3 | 58.4 | W | 28.7 |
| February | 85.2 | 85.7 | 59.3 | 58.0 | W | 28.8 |
| March | 85.3 | 85.9 | 57.6 | 55.2 | W | 27.3 |
| April | 85.2 | 85.8 | 56.4 | 54.4 | W | 26.6 |
| May | 86.3 | 85.8 | 57.0 | 54.1 | W | 26.0 |
| June | 86.8 | 86.5 | 56.6 | 54.4 | W | 25.6 |
| July | 87.5 | 86.3 | 52.9 | 50.7 | W | 22.7 |
| August | 89.0 | 87.3 | 52.8 | 51.4 | W | 23.4 |
| September | 88.1 | 87.3 | 51.8 | 51.2 | W | 23.7 |
| October | W | 86.5 | 50.1 | 50.1 | W | 23.3 |
| November | 86.5 | 86.0 | 51.8 | 51.7 | W | 22.2 |
| December | 88.9 | 86.8 | 56.0 | 56.8 | W | 24.1 |
| **1988 Average** | **86.8** | **86.4** | **55.0** | **53.7** | W | **25.4** |
| **Arkansas** | | | | | | |
| January | W | 85.8 | 56.1 | 62.8 | W | 30.2 |
| February | W | 85.1 | 53.4 | 62.3 | W | 29.6 |
| March | - | 85.4 | 49.2 | 62.3 | W | 27.9 |
| April | W | 82.6 | 48.0 | 59.0 | W | 28.6 |
| May | W | 80.9 | 49.5 | 58.3 | W | 28.7 |
| June | W | 83.1 | 55.3 | 57.1 | W | 28.9 |
| July | W | 84.6 | 51.8 | 56.5 | 64.3 | 26.5 |
| August | - | 85.1 | 49.5 | 56.4 | 58.1 | 25.2 |
| September | W | 83.0 | 50.0 | 55.1 | 59.3 | 25.6 |
| October | W | 80.7 | 45.7 | 54.1 | 60.6 | 25.0 |
| November | W | 81.2 | 51.0 | 54.4 | 65.1 | 25.0 |
| December | W | 82.4 | 50.4 | 56.6 | W | 25.7 |
| **1988 Average** | W | **83.3** | **49.4** | **57.8** | **64.8** | **27.3** |
| **Louisiana** | | | | | | |
| January | W | 85.8 | 54.9 | 50.5 | 64.0 | 25.2 |
| February | W | 84.7 | 52.5 | 48.9 | 58.0 | 24.8 |
| March | W | 84.3 | 49.9 | 46.2 | 56.1 | 24.2 |
| April | W | 83.1 | 50.9 | 45.6 | 51.3 | 24.5 |
| May | W | 84.3 | 48.3 | 46.8 | 46.8 | 24.0 |
| June | W | 84.3 | 46.9 | 46.4 | 40.3 | 24.0 |
| July | W | 83.9 | 47.7 | 43.9 | 38.7 | 22.0 |
| August | W | 84.0 | 44.7 | 44.5 | 39.0 | 21.1 |
| September | W | 83.8 | 46.6 | 44.0 | 51.0 | 22.0 |
| October | W | 84.1 | 45.6 | 43.6 | 36.1 | 20.6 |
| November | 85.9 | 82.1 | 46.8 | 46.4 | 59.0 | 20.5 |
| December | W | 82.1 | 49.1 | 51.9 | 60.4 | 21.4 |
| **1988 Average** | W | **84.0** | **48.7** | **46.4** | **49.6** | **22.9** |
| **Mississippi** | | | | | | |
| January | W | 84.2 | 53.2 | 51.5 | 74.6 | 27.4 |
| February | W | W | 52.2 | 49.6 | W | 27.1 |
| March | W | W | 48.2 | 46.3 | W | 26.6 |
| April | W | 81.9 | 46.7 | 45.9 | 72.9 | 26.6 |
| May | W | 80.0 | 45.6 | 46.4 | W | 26.4 |
| June | 83.6 | W | 45.4 | 47.3 | W | 26.2 |
| July | 83.8 | 82.6 | 45.7 | 46.9 | W | 21.7 |
| August | 87.9 | 83.8 | 45.5 | 45.6 | W | 23.1 |
| September | W | 81.9 | 45.9 | 44.8 | W | 23.0 |
| October | 84.9 | 80.0 | 43.0 | 44.1 | W | 22.6 |
| November | 85.9 | 80.4 | 45.3 | 45.7 | W | 22.4 |
| December | W | 81.0 | 49.4 | 49.5 | W | 23.4 |
| **1988 Average** | **84.4** | **82.1** | **46.3** | **47.3** | **72.5** | **24.8** |

See footnotes at end of table.

## Table 33. Refiner Prices of Aviation Fuels and Propane (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | 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 | 91.3 | 61.2 | 62.6 | W | 25.0 |
| February | W | 89.9 | 59.8 | 60.6 | W | 25.3 |
| March | W | 89.7 | 59.0 | 58.6 | W | 25.1 |
| April | W | 88.4 | 58.6 | 57.0 | W | 24.7 |
| May | W | W | 59.1 | 62.0 | W | 22.9 |
| June | W | W | 58.9 | 61.9 | W | 22.8 |
| July | W | W | 57.0 | 60.3 | W | 21.0 |
| August | W | W | 53.5 | 58.4 | W | 20.6 |
| September | W | W | 53.3 | 57.3 | 52.7 | 21.0 |
| October | W | W | 51.0 | W | 49.4 | 21.2 |
| November | W | W | 51.1 | 54.1 | W | 20.9 |
| December | W | W | 54.6 | 56.1 | 54.0 | 21.1 |
| **1988 Average** | W | **88.8** | **56.3** | **58.9** | **53.1** | **23.0** |
| **Texas** | | | | | | |
| January | 86.7 | 83.2 | 53.7 | 51.0 | 33.7 | 24.5 |
| February | 85.8 | 77.8 | 51.6 | 49.7 | 40.9 | 24.7 |
| March | 84.7 | 80.1 | 50.5 | 47.1 | 30.3 | 24.2 |
| April | 84.8 | 82.2 | 48.9 | 47.1 | 27.0 | 23.9 |
| May | 87.1 | 80.4 | 49.5 | 47.5 | 25.9 | 24.3 |
| June | 88.1 | 79.2 | 49.1 | 48.2 | 29.2 | 23.3 |
| July | 87.3 | 77.6 | 46.9 | 44.7 | 31.5 | 20.5 |
| August | 88.9 | 80.7 | 46.8 | 45.7 | 28.2 | 20.6 |
| September | 88.6 | 79.3 | 46.1 | 44.7 | 29.5 | 21.0 |
| October | 87.4 | 80.3 | 43.8 | 43.9 | 27.7 | 19.8 |
| November | 87.7 | 80.0 | 45.6 | 45.4 | 31.3 | 19.8 |
| December | 86.8 | 78.8 | 49.1 | 50.5 | 38.3 | 20.5 |
| **1988 Average** | **87.1** | **79.7** | **48.2** | **47.1** | **30.2** | **22.3** |
| **PAD District IV Average** | | | | | | |
| January | 91.9 | 92.7 | 59.1 | 63.2 | 55.7 | 25.9 |
| February | 91.2 | 93.0 | 57.5 | 62.7 | 58.4 | 24.9 |
| March | 88.9 | 91.1 | 55.8 | 60.5 | 57.0 | 23.3 |
| April | 89.6 | 90.4 | 54.1 | 59.3 | 58.2 | 20.7 |
| May | 90.9 | 90.9 | 54.6 | 60.5 | 56.4 | 20.8 |
| June | 90.7 | 91.7 | 54.9 | 59.3 | 54.6 | 18.6 |
| July | 90.9 | 92.0 | 52.0 | 57.2 | 48.8 | 19.1 |
| August | 93.2 | 91.9 | 50.1 | 57.0 | 49.5 | 18.6 |
| September | 93.6 | 90.4 | 49.3 | 54.9 | 49.3 | 19.4 |
| October | 91.2 | 89.6 | 47.2 | 53.0 | 52.1 | 21.0 |
| November | 94.6 | 88.9 | 47.6 | 53.2 | 51.1 | 20.5 |
| December | 91.3 | 88.9 | 50.9 | 55.9 | 51.4 | 22.8 |
| **1988 Average** | **91.8** | **91.1** | **52.6** | **58.2** | **54.0** | **21.7** |
| **Colorado** | | | | | | |
| January | W | 89.6 | 56.9 | 61.6 | 37.9 | 26.0 |
| February | - | 89.9 | 55.0 | 60.6 | 40.9 | 25.5 |
| March | - | 89.2 | 53.9 | 58.8 | 38.2 | 25.1 |
| April | W | 88.5 | 52.4 | 56.5 | 40.5 | 22.4 |
| May | - | 88.4 | 52.5 | 57.4 | 37.6 | 20.6 |
| June | W | 90.0 | 53.1 | 56.2 | 35.4 | 18.5 |
| July | W | 90.1 | 49.7 | 54.3 | 28.4 | 19.5 |
| August | W | 90.3 | 48.5 | 53.3 | 32.1 | 19.1 |
| September | W | 89.1 | 48.0 | 51.2 | 33.3 | 19.3 |
| October | W | 86.7 | 46.5 | 50.4 | 39.3 | 20.2 |
| November | W | 85.5 | 46.7 | 51.2 | 34.2 | 20.1 |
| December | W | 85.0 | 49.8 | 54.6 | 34.6 | 21.6 |
| **1988 Average** | W | **88.7** | **51.0** | **55.8** | **36.6** | **22.0** |

See footnotes at end of table.

## Table 33. Refiner Prices of Aviation Fuels and Propane (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Idaho** | | | | | | |
| January | W | 101.7 | 65.0 | 68.0 | 72.5 | W |
| February | W | 101.5 | 63.8 | 66.6 | 72.4 | W |
| March | - | 99.9 | 60.6 | 65.4 | 71.7 | 35.3 |
| April | W | 97.7 | 58.2 | 65.6 | 71.9 | 26.8 |
| May | W | 97.8 | 58.7 | 67.7 | 68.5 | 25.4 |
| June | W | 98.0 | 58.4 | 65.7 | 64.7 | 26.7 |
| July | W | 99.2 | 56.4 | 61.7 | 64.7 | 26.4 |
| August | W | 98.0 | 54.0 | 59.4 | 64.5 | W |
| September | - | 97.6 | 54.2 | 59.1 | 65.2 | W |
| October | - | 97.5 | 51.1 | 56.7 | 68.8 | 25.7 |
| November | - | 97.9 | 51.6 | 56.6 | 69.6 | 26.3 |
| December | W | 99.8 | 56.9 | 61.4 | 71.7 | 27.8 |
| **1988 Average** | W | **98.6** | **57.3** | **62.4** | **69.5** | **27.8** |
| **Montana** | | | | | | |
| January | W | W | 62.0 | W | 49.7 | 24.3 |
| February | W | W | 61.7 | W | 53.5 | 23.2 |
| March | W | 93.1 | 60.4 | W | 56.2 | 19.3 |
| April | W | W | 58.7 | W | 55.4 | 18.0 |
| May | W | W | 58.8 | W | W | 16.9 |
| June | W | W | 60.0 | 65.7 | 53.7 | 17.5 |
| July | W | W | 57.5 | 60.3 | 49.3 | 15.9 |
| August | W | W | 58.0 | 64.6 | 45.4 | 16.5 |
| September | W | W | 57.1 | 64.3 | 45.3 | 20.2 |
| October | W | W | 55.3 | W | 45.2 | 22.8 |
| November | W | W | 55.2 | W | 48.7 | 20.5 |
| December | W | W | 56.9 | W | 46.9 | 22.3 |
| **1988 Average** | W | W | **58.5** | **63.7** | **50.0** | **19.6** |
| **Utah** | | | | | | |
| January | W | 92.5 | 61.3 | 67.0 | W | 30.4 |
| February | W | 92.6 | 60.1 | 66.0 | W | 32.7 |
| March | W | 90.1 | 57.3 | 64.8 | W | 28.0 |
| April | W | 90.1 | 55.4 | 64.8 | W | 24.2 |
| May | 87.0 | 89.2 | 56.5 | 64.3 | W | 23.5 |
| June | 88.3 | 88.7 | 56.0 | 63.8 | W | 23.4 |
| July | 88.4 | 88.4 | 53.6 | 60.9 | W | 21.6 |
| August | W | 88.0 | 50.2 | 58.3 | W | 20.1 |
| September | W | 88.1 | 49.2 | 56.7 | W | 22.6 |
| October | W | 88.3 | 46.7 | 54.8 | W | 23.4 |
| November | 91.0 | 87.5 | 47.5 | 54.8 | W | 23.3 |
| December | W | 88.4 | 50.8 | 57.3 | W | 25.6 |
| **1988 Average** | **87.8** | **89.1** | **53.3** | **61.5** | W | **25.2** |
| **Wyoming** | | | | | | |
| January | W | 94.9 | 66.0 | 64.0 | W | 24.9 |
| February | 91.7 | 95.6 | 64.8 | W | W | 22.9 |
| March | W | 92.8 | 62.6 | W | W | 22.1 |
| April | W | 91.5 | 60.0 | 61.9 | W | 19.4 |
| May | 90.5 | W | 62.9 | W | W | 22.1 |
| June | W | W | 63.4 | W | W | 17.5 |
| July | W | W | 62.2 | W | W | 19.6 |
| August | W | W | 63.5 | W | W | 18.7 |
| September | 93.9 | W | 60.3 | W | W | 18.2 |
| October | W | W | 58.6 | W | W | 20.2 |
| November | 96.6 | W | 60.9 | W | W | 19.9 |
| December | W | W | 60.1 | W | W | 22.8 |
| **1988 Average** | **91.9** | **93.1** | **62.4** | **58.9** | W | **21.0** |

See footnotes at end of table.

# Table 33. Refiner Prices of Aviation Fuels and Propane (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **PAD District V Average** | | | | | | |
| January | 91.0 | 91.6 | 57.7 | 54.9 | 77.4 | 36.3 |
| February | 91.7 | 90.4 | 57.1 | 55.5 | 77.1 | 35.2 |
| March | W | 90.4 | 56.9 | 55.2 | 75.8 | 29.9 |
| April | 92.1 | 89.9 | 55.2 | 54.7 | 74.0 | 29.4 |
| May | 92.8 | 91.5 | 56.2 | 55.4 | 74.0 | 27.6 |
| June | 93.0 | 91.6 | 55.9 | 55.3 | 72.9 | 28.4 |
| July | 92.9 | 93.6 | 53.6 | 51.0 | 72.2 | 26.4 |
| August | 95.0 | 93.0 | 50.6 | 48.8 | 70.8 | 25.9 |
| September | 95.5 | 93.1 | 49.1 | 49.3 | 71.7 | 27.3 |
| October | 93.8 | 92.1 | 46.6 | 44.5 | 72.9 | 29.0 |
| November | 94.5 | 89.6 | 46.1 | 44.6 | 74.2 | 29.2 |
| December | 94.3 | 92.1 | 49.1 | 46.8 | 77.5 | 31.0 |
| **1988 Average** | **93.3** | **91.8** | **52.9** | **51.3** | **74.6** | **29.8** |
| **Alaska** | | | | | | |
| January | W | 102.1 | 59.4 | 61.0 | W | 52.3 |
| February | W | 103.8 | 59.0 | 56.9 | W | 53.6 |
| March | W | 99.5 | 58.5 | 56.6 | W | 58.3 |
| April | W | 98.0 | 57.8 | W | W | W |
| May | W | 97.2 | 57.9 | 58.5 | W | 43.2 |
| June | W | 100.3 | 57.2 | 60.9 | 105.4 | 66.5 |
| July | W | 98.9 | 58.4 | 57.8 | W | 65.0 |
| August | W | 97.0 | 55.8 | 58.6 | W | 64.1 |
| September | W | 98.3 | 55.0 | 61.7 | W | 55.9 |
| October | W | 98.5 | 52.4 | 49.1 | W | 63.0 |
| November | W | 86.0 | 49.9 | 49.1 | W | 62.2 |
| December | W | 97.7 | 51.0 | 52.8 | W | 53.5 |
| **1988 Average** | W | **97.8** | **55.9** | **56.5** | W | W |
| **Arizona** | | | | | | |
| January | W | 96.5 | 61.5 | 63.8 | W | 26.3 |
| February | W | 97.4 | 60.5 | 62.9 | W | 27.4 |
| March | W | 96.4 | 60.0 | 62.1 | W | 25.3 |
| April | W | 95.9 | 58.3 | 58.9 | W | 27.7 |
| May | W | 96.8 | 59.3 | 61.7 | W | 34.4 |
| June | W | 97.3 | 59.1 | 60.7 | W | W |
| July | W | 97.5 | 56.3 | 56.3 | W | 31.0 |
| August | W | 98.2 | 52.6 | 52.9 | W | 27.4 |
| September | 100.0 | W | 52.2 | 53.3 | W | 31.1 |
| October | 101.1 | 98.9 | 48.2 | 48.6 | W | 27.0 |
| November | 100.1 | 99.2 | 48.5 | 49.2 | W | 23.8 |
| December | W | 98.4 | 53.3 | 53.6 | W | 27.2 |
| **1988 Average** | W | **97.6** | **56.0** | **55.8** | W | **27.4** |
| **California** | | | | | | |
| January | 88.3 | 86.8 | 56.6 | 55.3 | 76.9 | 37.6 |
| February | 88.6 | 85.9 | 55.9 | 54.8 | 76.5 | 37.1 |
| March | 89.3 | 86.3 | 56.3 | 54.9 | 75.7 | 30.6 |
| April | 89.0 | 86.0 | 54.4 | 54.1 | 73.5 | 30.1 |
| May | 91.2 | 86.8 | 55.4 | 54.8 | 73.6 | 28.1 |
| June | 93.2 | 87.2 | 55.3 | 54.0 | 72.4 | 28.9 |
| July | 92.2 | 89.1 | 52.3 | 49.5 | 71.0 | 26.5 |
| August | 94.3 | 88.8 | 49.2 | 46.5 | 69.5 | 25.9 |
| September | 93.7 | 89.1 | 47.4 | 47.6 | 70.2 | 28.0 |
| October | 92.3 | 88.9 | 45.4 | 42.8 | 72.3 | 30.1 |
| November | 92.9 | 87.7 | 45.3 | 43.4 | 74.2 | 31.0 |
| December | 93.3 | 88.5 | 48.0 | 46.3 | 78.3 | 32.5 |
| **1988 Average** | **91.7** | **87.7** | **51.9** | **50.3** | **74.2** | **30.8** |

See footnotes at end of table.

## Table 33. Refiner Prices of Aviation Fuels and Propane (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | 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 | 60.3 | W | - | W |
| February | W | W | 60.1 | W | - | W |
| March | W | W | 58.7 | W | - | W |
| April | W | W | 55.6 | W | - | W |
| May | W | W | 57.3 | 70.1 | - | W |
| June | W | W | 57.1 | W | - | W |
| July | W | W | 52.9 | W | - | W |
| August | W | W | 52.8 | W | - | W |
| September | W | W | 51.5 | W | - | W |
| October | W | W | 48.5 | W | - | W |
| November | W | W | 48.0 | W | - | W |
| December | W | W | 52.1 | 64.9 | - | W |
| **1988 Average** | W | W | **54.6** | W | - | W |
| **Nevada** | | | | | | |
| January | W | 96.8 | 59.5 | 59.0 | W | 35.0 |
| February | W | 95.1 | 59.5 | 60.3 | W | 34.5 |
| March | W | 91.4 | 59.5 | 59.7 | W | 35.3 |
| April | W | 90.3 | 58.2 | 55.8 | W | 29.5 |
| May | W | 90.2 | 59.3 | 57.2 | W | 29.0 |
| June | W | 91.9 | 59.0 | 58.4 | W | 30.5 |
| July | - | 91.1 | 55.0 | 56.5 | W | 27.1 |
| August | - | 92.3 | 52.5 | 51.6 | W | 26.2 |
| September | - | 94.6 | 51.0 | 51.5 | W | 26.6 |
| October | - | 94.3 | 46.9 | 48.1 | W | 27.7 |
| November | - | W | 47.9 | 47.2 | W | 28.0 |
| December | W | 93.5 | 51.0 | 52.4 | W | 30.7 |
| **1988 Average** | W | **92.7** | **55.1** | **54.1** | W | **30.4** |
| **Oregon** | | | | | | |
| January | W | 96.9 | 59.4 | 65.7 | 76.0 | 31.7 |
| February | W | 96.2 | 58.4 | 63.4 | W | W |
| March | W | 96.3 | 59.2 | 64.7 | 72.6 | W |
| April | W | 93.3 | 57.3 | 60.3 | 71.3 | W |
| May | W | 93.6 | 58.6 | 60.6 | 70.0 | W |
| June | W | 93.1 | 58.2 | 64.6 | 70.7 | W |
| July | W | W | 54.8 | 61.4 | 72.2 | W |
| August | W | 93.0 | 52.6 | 58.8 | 70.9 | W |
| September | W | 94.3 | 51.1 | 56.4 | 71.2 | W |
| October | W | 95.2 | 46.1 | 55.5 | 73.1 | W |
| November | W | 94.6 | 48.6 | 53.0 | 73.4 | W |
| December | W | 93.4 | 53.0 | 57.8 | 75.9 | W |
| **1988 Average** | W | **94.3** | **54.5** | **59.9** | **72.9** | **32.4** |
| **Washington** | | | | | | |
| January | W | 94.1 | 56.5 | 49.3 | W | 26.0 |
| February | W | 94.0 | 55.5 | 54.2 | W | 23.0 |
| March | W | 93.1 | 55.1 | 52.9 | W | 20.0 |
| April | 94.5 | 92.3 | 54.0 | 56.2 | W | 20.3 |
| May | 93.0 | 92.4 | 55.1 | 54.3 | W | 21.5 |
| June | 95.7 | 91.0 | 54.4 | 54.9 | W | 20.4 |
| July | 96.2 | 92.3 | 52.9 | 49.5 | W | 19.6 |
| August | 97.4 | 93.4 | 49.2 | 48.9 | W | 19.4 |
| September | 99.1 | 93.7 | 47.9 | 50.9 | W | 19.5 |
| October | 98.7 | 91.8 | 43.6 | 44.0 | W | 20.4 |
| November | W | 92.6 | 42.8 | 48.0 | W | 20.7 |
| December | W | 92.3 | 47.1 | 43.8 | W | 20.9 |
| **1988 Average** | **96.1** | **92.7** | **51.1** | **49.5** | W | **20.8** |

Dashes (-) = No data reported.
NA = Not Available.
W = Withheld to avoid disclosure of individual company data.
Note: PAD District and U.S. averages represent data for all States. In certain PAD Districts, however, Finished Aviation Gasoline prices are not shown for every State.
Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

# Table 34. Refiner Prices of Kerosene and Distillates
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **U.S. Average** | | | | | | |
| January | 84.1 | 59.2 | 58.8 | 57.7 | 56.1 | 51.6 |
| February | 84.6 | 57.1 | 55.5 | 54.5 | 53.5 | 48.9 |
| March | 77.5 | 54.3 | 56.6 | 54.7 | 52.3 | 48.4 |
| April | 82.2 | 54.2 | 60.0 | 59.4 | 54.4 | 51.3 |
| May | 61.2 | 53.3 | 58.8 | 58.0 | 53.9 | 50.8 |
| June | 55.4 | 50.0 | 56.0 | 54.0 | 50.6 | 47.3 |
| July | 56.0 | 48.3 | 52.3 | 51.0 | 47.1 | 43.7 |
| August | 56.3 | 48.9 | 53.2 | 51.6 | 47.3 | 44.7 |
| September | 66.1 | 49.8 | 54.6 | 51.8 | 47.4 | 44.0 |
| October | 71.8 | 49.4 | 53.5 | 50.6 | 45.8 | 42.0 |
| November | 71.1 | 52.8 | 54.7 | 53.5 | 48.1 | 44.8 |
| December | 74.1 | 57.8 | 57.0 | 56.5 | 52.0 | 49.0 |
| **1988 Average** | **73.8** | **54.9** | **56.4** | **54.9** | **50.7** | **47.3** |
| **PAD District I Average** | | | | | | |
| January | 83.6 | 59.7 | 60.7 | 59.1 | 60.7 | 53.6 |
| February | 86.0 | 57.4 | 56.9 | 55.8 | 57.7 | 50.3 |
| March | 78.5 | 54.5 | 56.3 | 53.6 | 55.2 | 48.3 |
| April | 84.4 | 55.5 | 59.5 | 56.4 | 55.8 | 51.6 |
| May | 63.8 | 54.9 | 59.6 | 55.0 | 55.1 | 51.4 |
| June | 53.3 | 51.5 | 54.7 | 51.1 | 51.2 | 47.2 |
| July | 56.0 | 48.6 | 52.2 | 47.1 | 48.1 | 43.9 |
| August | 56.2 | 50.0 | 53.2 | 49.5 | 48.6 | 44.9 |
| September | 66.6 | 49.6 | 54.5 | 48.6 | 48.5 | 43.1 |
| October | 71.6 | 49.1 | 53.4 | 47.4 | 47.6 | 41.7 |
| November | 69.6 | 52.4 | 55.5 | 51.9 | 50.5 | 45.6 |
| December | 72.7 | 57.7 | 59.7 | 57.8 | 56.1 | 51.2 |
| **1988 Average** | **73.3** | **55.3** | **57.4** | **54.5** | **53.1** | **48.3** |
| **Subdistrict IA Average** | | | | | | |
| January | 76.5 | 61.1 | 63.0 | 62.2 | 66.6 | 56.3 |
| February | 78.4 | 59.0 | 57.7 | 58.4 | 63.9 | 52.1 |
| March | 79.7 | 55.4 | 56.0 | 55.8 | 61.0 | 50.3 |
| April | 82.2 | 57.7 | 61.1 | 60.1 | 60.9 | 53.4 |
| May | 70.2 | 55.9 | 61.2 | 61.1 | 60.3 | 53.8 |
| June | 59.0 | 54.2 | 53.3 | W | 52.8 | 48.9 |
| July | 59.6 | 51.3 | 51.3 | W | 46.4 | 44.8 |
| August | 58.1 | 51.8 | 52.4 | 52.3 | 49.5 | 45.8 |
| September | 80.3 | 50.3 | 50.7 | 50.2 | 50.3 | 43.7 |
| October | 65.0 | 49.8 | 49.9 | 48.4 | 50.3 | 42.3 |
| November | 63.9 | 52.9 | 53.2 | 52.9 | 54.4 | 46.1 |
| December | 73.7 | 58.9 | 59.9 | 60.3 | 62.4 | 53.2 |
| **1988 Average** | **71.1** | **57.0** | **57.2** | **57.1** | **57.5** | **50.3** |
| **Connecticut** | | | | | | |
| January | W | W | W | 61.5 | 60.7 | 55.6 |
| February | W | W | 57.2 | 57.8 | 56.2 | 51.8 |
| March | W | 56.5 | W | 55.2 | 54.1 | 50.4 |
| April | W | W | W | 59.1 | 53.5 | 50.9 |
| May | W | 59.6 | W | 60.0 | 54.2 | 54.2 |
| June | W | W | W | W | 50.1 | 49.0 |
| July | W | W | - | W | 44.4 | 44.6 |
| August | W | W | - | W | 47.5 | 44.9 |
| September | W | W | - | W | 46.0 | 43.2 |
| October | W | W | W | W | 47.0 | 42.1 |
| November | W | W | W | 51.9 | 50.6 | 46.2 |
| December | W | 59.6 | W | 58.6 | 56.7 | 52.8 |
| **1988 Average** | W | **58.5** | W | **55.2** | **50.6** | **49.8** |

See footnotes at end of table.

## Table 34. Refiner Prices of Kerosene and Distillates (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Maine** | | | | | | |
| January | W | 60.1 | 69.0 | 62.1 | 65.4 | 55.8 |
| February | W | 58.0 | 61.0 | 59.2 | 62.5 | 51.8 |
| March | W | 55.4 | 58.5 | 56.7 | 58.9 | 49.8 |
| April | W | 58.0 | W | 60.4 | 59.0 | 53.4 |
| May | W | 58.7 | W | 63.0 | 59.1 | 54.0 |
| June | W | 54.9 | W | W | 53.2 | 47.8 |
| July | W | 50.5 | W | W | 46.9 | 44.2 |
| August | W | 50.6 | W | W | 50.4 | 45.6 |
| September | W | 49.1 | W | W | 49.7 | 43.2 |
| October | W | 48.4 | W | 49.0 | 47.2 | 41.9 |
| November | W | 52.4 | 54.3 | 53.1 | 52.4 | 46.5 |
| December | W | 59.0 | 60.7 | 60.3 | 61.2 | 54.1 |
| **1988 Average** | W | **56.2** | **59.2** | **57.5** | **56.0** | **49.7** |
| **Massachusetts** | | | | | | |
| January | 84.2 | 58.5 | W | 62.6 | 66.3 | 56.6 |
| February | W | 57.6 | 57.6 | 58.5 | 63.8 | 52.1 |
| March | W | 54.2 | W | 55.1 | 60.9 | 50.4 |
| April | W | 58.7 | W | 60.2 | 61.8 | 55.4 |
| May | 58.7 | 53.6 | W | W | 60.7 | 53.9 |
| June | W | 54.3 | 52.2 | 54.5 | 51.7 | 49.1 |
| July | 54.4 | W | W | W | 46.8 | 44.7 |
| August | 55.1 | 52.5 | W | 52.0 | 48.4 | 46.6 |
| September | W | 49.9 | W | 49.5 | 49.9 | 44.4 |
| October | 55.1 | 49.0 | 48.2 | W | 50.7 | 42.8 |
| November | 55.1 | 51.8 | 53.3 | 52.5 | 54.2 | 47.5 |
| December | 72.3 | 57.7 | 59.7 | 60.2 | 62.6 | 53.1 |
| **1988 Average** | **67.3** | **55.8** | **56.3** | **56.8** | **58.2** | **51.0** |
| **New Hampshire** | | | | | | |
| January | W | 60.5 | NA | NA | 69.2 | 56.8 |
| February | W | 57.5 | NA | NA | 66.3 | 52.4 |
| March | W | 55.3 | NA | NA | 65.1 | 50.1 |
| April | W | 59.4 | NA | NA | 63.7 | 54.1 |
| May | W | 59.0 | NA | NA | 64.6 | 51.8 |
| June | W | 53.2 | NA | NA | 58.7 | 48.9 |
| July | W | 50.3 | NA | NA | 54.1 | 45.4 |
| August | W | W | NA | NA | 55.8 | 46.6 |
| September | W | 48.9 | NA | NA | 55.8 | 44.0 |
| October | W | 47.9 | NA | NA | 52.8 | 42.5 |
| November | W | 51.9 | NA | NA | 57.3 | 45.1 |
| December | W | 59.4 | NA | NA | 65.0 | 53.9 |
| **1988 Average** | W | **56.6** | NA | NA | **62.0** | **49.6** |
| **Rhode Island** | | | | | | |
| January | W | 58.9 | NA | NA | 71.9 | 57.9 |
| February | W | 57.7 | NA | NA | 66.7 | 53.1 |
| March | W | 55.0 | NA | NA | 60.4 | 49.6 |
| April | W | 55.3 | NA | NA | 63.0 | 55.0 |
| May | W | W | NA | NA | 61.4 | 54.7 |
| June | W | W | NA | NA | 52.2 | 49.0 |
| July | W | W | NA | NA | 44.4 | 45.5 |
| August | W | W | NA | NA | 46.6 | 46.3 |
| September | W | W | NA | NA | 48.6 | 43.1 |
| October | W | W | NA | NA | 47.1 | 41.1 |
| November | W | 50.4 | NA | NA | 54.5 | 42.4 |
| December | W | 57.3 | NA | NA | 62.7 | 53.1 |
| **1988 Average** | W | **52.5** | NA | NA | **56.3** | **48.5** |

See footnotes at end of table.

# Table 34. Refiner Prices of Kerosene and Distillates (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Vermont** | | | | | | |
| January | 77.2 | 61.1 | NA | NA | 72.5 | 58.5 |
| February | 73.2 | 59.0 | NA | NA | 71.4 | 55.2 |
| March | 70.8 | 57.0 | NA | NA | 69.5 | 52.3 |
| April | W | 55.9 | NA | NA | 70.4 | 55.4 |
| May | W | 57.8 | NA | NA | 67.5 | 55.8 |
| June | W | 53.0 | NA | NA | 62.8 | 50.7 |
| July | W | W | NA | NA | 57.3 | 47.0 |
| August | W | 51.5 | NA | NA | 59.6 | 48.1 |
| September | W | 50.0 | NA | NA | 60.8 | 45.5 |
| October | W | 50.3 | NA | NA | 58.4 | 43.9 |
| November | W | 52.8 | NA | NA | 60.7 | 48.3 |
| December | 70.3 | 58.9 | NA | NA | 67.5 | 54.8 |
| **1988 Average** | **73.3** | **56.8** | NA | NA | **66.2** | **52.4** |
| **Subdistrict IB Average** | | | | | | |
| January | 80.7 | 60.3 | 63.1 | 59.3 | 65.4 | 53.8 |
| February | 85.8 | 58.4 | 59.3 | 55.9 | 63.2 | 50.8 |
| March | 76.4 | 55.1 | 57.5 | 53.3 | 59.9 | 48.5 |
| April | 83.4 | 55.6 | 61.5 | 55.2 | 58.4 | 51.6 |
| May | 62.5 | 55.0 | 61.7 | 54.3 | 57.8 | 52.1 |
| June | 52.2 | 51.3 | 57.0 | 50.4 | 53.4 | 47.6 |
| July | 55.0 | 48.1 | 53.5 | 45.2 | 50.2 | 43.7 |
| August | 55.8 | 49.6 | 54.6 | 48.1 | 49.9 | 44.9 |
| September | 66.1 | 49.2 | 55.5 | 47.4 | 51.2 | 43.0 |
| October | 69.7 | 48.9 | 53.7 | 45.4 | 49.8 | 41.6 |
| November | 67.2 | 52.0 | 56.4 | 50.3 | 53.0 | 45.6 |
| December | 70.1 | 57.6 | 61.5 | 56.6 | 58.9 | 51.3 |
| **1988 Average** | **70.7** | **55.3** | **58.9** | **53.6** | **56.4** | **48.6** |
| **Delaware** | | | | | | |
| January | W | 54.7 | NA | NA | 56.7 | 52.8 |
| February | W | W | NA | NA | 54.0 | 49.7 |
| March | W | 57.0 | NA | NA | 53.2 | 46.3 |
| April | W | W | NA | NA | 55.0 | 51.4 |
| May | W | W | NA | NA | 54.3 | 49.9 |
| June | W | W | NA | NA | 50.9 | 45.5 |
| July | - | W | NA | NA | 45.3 | W |
| August | - | W | NA | NA | 45.6 | W |
| September | - | W | NA | NA | 46.7 | W |
| October | W | W | NA | NA | 45.2 | W |
| November | W | W | NA | NA | 46.8 | W |
| December | W | 61.1 | NA | NA | 53.3 | W |
| **1988 Average** | **81.2** | **55.9** | NA | NA | **49.4** | **46.8** |
| **District of Columbia** | | | | | | |
| January | - | W | NA | NA | 53.7 | 53.1 |
| February | - | W | NA | NA | 50.3 | 50.4 |
| March | W | W | NA | NA | 48.2 | 48.1 |
| April | - | W | NA | NA | 51.1 | 50.9 |
| May | - | W | NA | NA | 50.8 | 51.3 |
| June | - | - | NA | NA | W | 46.1 |
| July | - | W | NA | NA | 44.4 | 45.0 |
| August | - | W | NA | NA | 45.5 | 46.4 |
| September | - | W | NA | NA | W | 43.8 |
| October | - | W | NA | NA | 43.8 | 41.9 |
| November | - | W | NA | NA | 46.6 | 46.6 |
| December | - | W | NA | NA | 51.9 | 51.7 |
| **1988 Average** | W | W | NA | NA | **49.4** | **48.7** |

See footnotes at end of table.

## Table 34. Refiner Prices of Kerosene and Distillates (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Maryland** | | | | | | |
| January | W | 61.4 | NA | NA | 54.0 | 53.5 |
| February | W | 61.0 | NA | NA | 50.7 | 50.5 |
| March | - | 56.0 | NA | NA | 49.5 | 48.5 |
| April | - | 55.7 | NA | NA | 50.3 | 51.7 |
| May | - | 56.3 | NA | NA | 49.6 | 52.1 |
| June | W | 52.6 | NA | NA | 45.9 | 48.2 |
| July | - | 49.9 | NA | NA | 44.1 | 44.7 |
| August | - | 50.9 | NA | NA | 44.2 | 45.8 |
| September | - | 50.1 | NA | NA | 44.0 | 44.3 |
| October | W | 50.2 | NA | NA | 43.2 | 42.8 |
| November | W | 53.8 | NA | NA | 45.7 | 46.5 |
| December | W | 58.1 | NA | NA | 49.8 | 51.1 |
| **1988 Average** | **60.7** | **56.5** | NA | NA | **47.3** | **49.1** |
| **New Jersey** | | | | | | |
| January | 61.2 | 59.9 | 61.0 | 58.7 | 61.7 | 53.1 |
| February | 65.9 | 57.1 | 57.4 | 57.3 | 59.0 | 50.2 |
| March | 54.2 | 54.6 | 55.6 | 55.4 | 56.9 | 47.8 |
| April | 65.3 | 54.7 | 60.4 | 56.4 | 56.8 | 50.3 |
| May | W | 54.1 | 62.1 | 55.3 | 56.7 | 51.7 |
| June | W | 49.7 | 57.1 | 52.7 | 50.2 | 46.7 |
| July | W | 47.5 | 53.5 | W | 47.2 | 42.7 |
| August | W | 48.7 | 54.6 | 49.4 | 47.2 | 44.1 |
| September | W | 47.4 | 53.5 | 48.3 | 47.7 | 42.3 |
| October | W | 49.3 | 51.3 | 47.5 | 45.8 | 40.8 |
| November | 50.4 | 49.8 | 54.3 | 48.3 | 48.9 | 44.9 |
| December | W | 56.2 | 60.7 | 55.4 | 55.4 | 50.7 |
| **1988 Average** | **54.1** | **53.3** | **57.1** | **53.5** | **53.4** | **48.1** |
| **New York** | | | | | | |
| January | 89.5 | 61.6 | 61.4 | 61.7 | 69.4 | 55.5 |
| February | 91.7 | 59.5 | 57.5 | 58.5 | 67.8 | 52.6 |
| March | 88.9 | 56.3 | W | W | 65.9 | 50.3 |
| April | 84.8 | 57.4 | W | W | 63.5 | 53.3 |
| May | 82.1 | 57.9 | W | 60.1 | 61.9 | 53.9 |
| June | 67.7 | 54.6 | W | 54.9 | 57.4 | 49.6 |
| July | 70.8 | 53.5 | W | 49.7 | 51.9 | 45.2 |
| August | 74.1 | 52.5 | W | 51.5 | 52.8 | 46.3 |
| September | 78.4 | 51.6 | W | 50.2 | 55.4 | 44.5 |
| October | 79.2 | 51.0 | W | 48.8 | 52.4 | 42.4 |
| November | 70.6 | 53.6 | W | 52.7 | 56.8 | 46.5 |
| December | 78.2 | 58.2 | 58.9 | 58.5 | 63.3 | 52.3 |
| **1988 Average** | **81.9** | **57.6** | W | **56.7** | **60.9** | **50.2** |
| **Pennsylvania** | | | | | | |
| January | 85.4 | 59.6 | 67.6 | 57.6 | 66.8 | 53.9 |
| February | 85.9 | 57.4 | 63.8 | 54.2 | 64.2 | 50.5 |
| March | 84.6 | 54.0 | 63.9 | 51.4 | 58.9 | 48.3 |
| April | 84.2 | 54.9 | 70.2 | 53.3 | 57.7 | 51.7 |
| May | 82.8 | 54.1 | 68.7 | 51.5 | 58.1 | 51.7 |
| June | 72.3 | 51.3 | 63.2 | 48.5 | 55.6 | 47.5 |
| July | 79.5 | 47.6 | 60.5 | W | 53.4 | 43.8 |
| August | 81.7 | 49.4 | 65.1 | 46.5 | 52.4 | 44.8 |
| September | 77.7 | 49.5 | 63.8 | 46.1 | 52.2 | 42.8 |
| October | 75.1 | 47.7 | 62.9 | 43.7 | 51.8 | 41.6 |
| November | 78.8 | 52.6 | 63.7 | 49.6 | 55.0 | 45.7 |
| December | 80.8 | 58.2 | 66.1 | 55.8 | 59.2 | 51.4 |
| **1988 Average** | **82.1** | **55.0** | **65.2** | **51.9** | **57.4** | **48.1** |

See footnotes at end of table.

## Table 34. Refiner Prices of Kerosene and Distillates (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Subdistrict IC Average** | | | | | | |
| January | 97.8 | 58.9 | 57.9 | 58.5 | 54.2 | 51.4 |
| February | 89.2 | 56.1 | 54.3 | 55.1 | 51.2 | 48.1 |
| March | 88.2 | 53.5 | 54.6 | 53.2 | 49.9 | 47.0 |
| April | 93.9 | 54.9 | 56.6 | 56.2 | 52.9 | 50.9 |
| May | 80.8 | 54.3 | 55.9 | 54.3 | 52.4 | 49.8 |
| June | 72.5 | 51.4 | 52.6 | 50.5 | 49.5 | 46.4 |
| July | 71.6 | 49.5 | 50.3 | 47.9 | 46.9 | 43.9 |
| August | 61.1 | 50.7 | 51.2 | 50.1 | 47.4 | 44.8 |
| September | 63.3 | 50.1 | 53.8 | 48.9 | 46.4 | 43.3 |
| October | 85.7 | 49.1 | 54.5 | 48.0 | 45.3 | 41.7 |
| November | 85.3 | 52.8 | 54.8 | 52.8 | 47.6 | 45.3 |
| December | 89.3 | 57.7 | 57.7 | 57.7 | 51.7 | 50.2 |
| **1988 Average** | **89.6** | **55.0** | **55.6** | **54.4** | **49.6** | **47.0** |
| **Florida** | | | | | | |
| January | 129.7 | 57.9 | W | 58.7 | 55.1 | 51.5 |
| February | 123.7 | 55.9 | W | 55.7 | 52.1 | 48.6 |
| March | 121.8 | 53.9 | 53.7 | 54.5 | 50.7 | 47.6 |
| April | 89.7 | 56.7 | 54.5 | 59.1 | 53.6 | 51.5 |
| May | W | 54.8 | W | 58.7 | 53.4 | 50.7 |
| June | 106.3 | 53.6 | 51.9 | 53.8 | 50.0 | 47.2 |
| July | W | 50.2 | W | 52.3 | 47.6 | 44.5 |
| August | W | 52.1 | W | 53.1 | 47.6 | 45.1 |
| September | W | 50.2 | W | 51.0 | 46.5 | 43.7 |
| October | 107.0 | 48.8 | W | 47.7 | 46.0 | 42.0 |
| November | 98.8 | 53.8 | W | 53.8 | 48.5 | 45.3 |
| December | 122.7 | 57.6 | 56.8 | 58.4 | 51.8 | 50.0 |
| **1988 Average** | **122.4** | **55.6** | W | **55.8** | **50.2** | **47.4** |
| **Georgia** | | | | | | |
| January | 119.8 | 58.8 | 53.9 | 56.4 | 54.8 | 50.5 |
| February | 112.1 | 55.9 | 50.5 | 52.3 | 52.0 | 47.4 |
| March | 117.8 | 52.6 | 49.3 | 50.3 | 50.4 | 46.5 |
| April | 102.8 | 54.8 | W | 54.4 | 53.0 | 50.2 |
| May | 84.9 | 53.4 | - | 55.3 | 52.1 | 48.9 |
| June | 77.8 | 50.6 | 53.4 | 51.7 | 50.1 | 45.7 |
| July | W | 48.9 | W | 46.1 | 47.7 | 42.9 |
| August | 74.8 | 49.7 | W | 51.6 | 48.1 | 44.3 |
| September | 79.5 | 49.9 | - | 47.5 | 46.8 | 42.7 |
| October | 112.2 | 49.1 | 50.3 | 47.5 | 45.7 | 41.3 |
| November | 116.9 | 52.4 | 50.3 | 52.2 | 46.9 | 44.9 |
| December | 116.6 | 57.0 | 56.3 | 56.8 | 51.3 | 49.8 |
| **1988 Average** | **115.0** | **54.8** | **52.9** | **52.9** | **49.8** | **46.2** |
| **North Carolina** | | | | | | |
| January | 102.2 | 59.7 | 55.8 | 58.2 | 51.7 | 51.1 |
| February | 82.4 | 56.9 | 52.4 | 55.2 | 48.7 | 47.6 |
| March | 91.7 | 54.1 | 51.5 | 53.3 | 47.3 | 46.5 |
| April | 93.1 | 54.0 | 55.9 | 54.2 | 50.9 | 50.4 |
| May | 72.7 | 54.7 | 58.1 | 51.7 | 50.0 | 49.2 |
| June | 63.4 | 51.7 | 51.3 | 49.4 | 47.0 | 46.1 |
| July | 58.8 | 49.4 | 49.7 | 46.6 | 44.0 | 43.2 |
| August | W | 51.6 | 53.3 | 48.8 | 45.2 | 44.5 |
| September | 56.8 | 50.8 | 47.7 | 48.4 | 44.4 | 42.8 |
| October | 79.0 | 49.7 | 47.0 | 47.7 | 42.2 | 41.3 |
| November | 85.7 | 52.9 | 49.9 | 52.2 | 45.9 | 45.1 |
| December | 96.9 | 57.9 | 55.2 | 57.6 | 50.2 | 49.9 |
| **1988 Average** | **87.7** | **55.5** | **53.7** | **53.6** | **47.4** | **46.6** |

See footnotes at end of table.

# Table 34. Refiner Prices of Kerosene and Distillates (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **South Carolina** | | | | | | |
| January | 103.7 | 59.1 | 54.8 | 58.8 | 54.1 | 51.4 |
| February | 97.4 | 56.5 | 52.3 | 55.4 | 51.2 | 48.2 |
| March | 90.4 | 53.2 | 50.5 | 52.9 | 49.6 | 47.0 |
| April | 99.4 | 55.3 | W | 56.1 | 52.8 | 51.0 |
| May | 101.1 | 52.0 | W | 53.5 | 52.4 | 49.7 |
| June | 74.9 | 53.4 | W | W | 49.9 | 46.5 |
| July | 72.0 | 50.6 | - | 46.8 | 47.8 | 43.7 |
| August | 108.7 | 51.6 | W | W | 48.0 | 44.8 |
| September | 61.3 | 50.8 | W | 49.1 | 46.8 | 43.2 |
| October | 91.6 | 49.7 | W | 48.1 | 45.3 | 41.7 |
| November | 83.2 | 53.3 | 48.9 | W | 47.5 | 45.4 |
| December | 89.9 | 58.0 | 53.8 | 58.0 | 51.7 | 50.1 |
| **1988 Average** | **93.4** | **55.5** | **53.3** | **54.4** | **49.7** | **47.0** |
| **Virginia** | | | | | | |
| January | 80.7 | 57.2 | 57.9 | 58.7 | 53.1 | 51.8 |
| February | 78.1 | 53.9 | 54.2 | 55.0 | 49.7 | 48.3 |
| March | 74.6 | 52.3 | 53.6 | 52.5 | 48.8 | 46.9 |
| April | 96.4 | 55.1 | W | 56.3 | 51.9 | 50.9 |
| May | 78.2 | 54.5 | 57.5 | 55.6 | 51.2 | 49.7 |
| June | 74.1 | 49.5 | 53.5 | 51.2 | 47.8 | 46.1 |
| July | 57.0 | 48.7 | W | 49.3 | 45.1 | 44.6 |
| August | 57.1 | 49.0 | 52.5 | 50.6 | 46.3 | 44.7 |
| September | 52.7 | 48.0 | 52.7 | 49.0 | 45.1 | 43.1 |
| October | 70.8 | 47.3 | 52.6 | 47.7 | 44.1 | 41.6 |
| November | 80.9 | 51.7 | 52.9 | 52.3 | 46.7 | 45.4 |
| December | 69.9 | 56.9 | 56.6 | 57.3 | 51.7 | 50.4 |
| **1988 Average** | **76.6** | **53.4** | **55.7** | **54.6** | **48.5** | **47.3** |
| **West Virginia** | | | | | | |
| January | 72.4 | 60.7 | 69.7 | 65.4 | 58.9 | 53.5 |
| February | 68.4 | 58.1 | 64.4 | 62.9 | 56.6 | 50.5 |
| March | 68.8 | 56.5 | 65.2 | 60.4 | 54.6 | 49.7 |
| April | 84.0 | 58.8 | W | 62.4 | 57.9 | 52.4 |
| May | 78.7 | 58.1 | W | 65.1 | 57.3 | 51.9 |
| June | 70.7 | 53.2 | W | 63.3 | 55.8 | 49.4 |
| July | 79.7 | 51.6 | W | W | 53.3 | 45.7 |
| August | 62.4 | 52.1 | W | 64.5 | 51.3 | 47.1 |
| September | 64.6 | 53.0 | W | 61.2 | 52.4 | 47.2 |
| October | 81.0 | 51.7 | W | 58.2 | 51.3 | 45.8 |
| November | 70.6 | 55.7 | 71.0 | 62.6 | 53.5 | 48.8 |
| December | 69.8 | 58.7 | 69.8 | 64.6 | 56.6 | 51.9 |
| **1988 Average** | **71.1** | **57.2** | **68.2** | **62.6** | **54.8** | **49.5** |
| **PAD District II Average** | | | | | | |
| January | 89.9 | 60.3 | 57.1 | 56.8 | 54.0 | 50.9 |
| February | 85.7 | 59.1 | 53.8 | 53.4 | 50.9 | 48.1 |
| March | 78.2 | 57.3 | 53.7 | 53.3 | 50.3 | 48.9 |
| April | 85.0 | 56.1 | 57.6 | 58.6 | 54.7 | 53.4 |
| May | 71.6 | 59.0 | 55.9 | 56.7 | 53.6 | 51.5 |
| June | 58.4 | 56.8 | 52.0 | 51.7 | 50.0 | 47.6 |
| July | 57.2 | 53.7 | 48.8 | 49.3 | 47.2 | 45.0 |
| August | 57.3 | 53.5 | 50.8 | 50.3 | 47.8 | 46.2 |
| September | 65.9 | 54.2 | 51.1 | 49.7 | 47.3 | 45.1 |
| October | 74.6 | 53.3 | 52.0 | 50.2 | 46.4 | 43.9 |
| November | 82.2 | 57.8 | 54.1 | 53.4 | 49.3 | 47.2 |
| December | 87.6 | 61.4 | 56.1 | 56.4 | 52.1 | 50.0 |
| **1988 Average** | **81.2** | **58.3** | **54.7** | **54.2** | **50.2** | **48.0** |

See footnotes at end of table.

## Table 34. Refiner Prices of Kerosene and Distillates (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Illinois** | | | | | | |
| January | 87.8 | 53.4 | 55.6 | 56.8 | 52.9 | 50.2 |
| February | 91.0 | 60.1 | 52.7 | 53.3 | 50.0 | 47.5 |
| March | W | 55.7 | 51.7 | 52.7 | 49.3 | 48.6 |
| April | W | W | 61.1 | 60.0 | 55.1 | 53.2 |
| May | W | 58.3 | 56.8 | 56.4 | 52.6 | 51.4 |
| June | - | W | 52.9 | 51.5 | 48.0 | 46.7 |
| July | - | 55.5 | 49.3 | 49.1 | 45.4 | 44.3 |
| August | W | 55.8 | 51.9 | 51.1 | 46.3 | 45.9 |
| September | W | 55.8 | 51.0 | 50.2 | 46.4 | 45.1 |
| October | 60.0 | 48.3 | 50.0 | 50.3 | 45.3 | 43.4 |
| November | 67.9 | 50.5 | 53.1 | 52.9 | 48.4 | 46.4 |
| December | 70.0 | 54.4 | 55.0 | 56.9 | 51.8 | 49.4 |
| **1988 Average** | **63.0** | **52.6** | **54.1** | **54.5** | **49.2** | **47.6** |
| **Indiana** | | | | | | |
| January | 91.0 | 58.4 | 55.8 | 57.3 | 53.1 | 50.8 |
| February | 85.2 | 59.9 | 52.7 | 53.3 | 49.7 | 47.9 |
| March | 90.6 | 56.7 | 53.7 | 53.1 | 48.6 | 48.4 |
| April | 103.6 | 53.9 | W | 60.7 | 54.1 | 54.1 |
| May | 103.6 | 59.2 | W | 57.4 | 53.0 | 52.4 |
| June | W | 55.5 | 55.7 | 52.2 | 48.2 | 46.7 |
| July | W | 55.2 | W | 50.4 | 45.4 | 44.4 |
| August | - | 56.3 | 54.8 | 51.7 | 46.1 | 45.8 |
| September | 94.1 | 52.9 | 58.5 | 51.0 | 46.4 | 45.4 |
| October | 75.8 | 51.2 | 53.8 | 49.1 | 45.0 | 43.6 |
| November | 72.4 | 56.5 | 53.9 | 53.8 | 48.2 | 47.1 |
| December | 74.9 | 57.9 | 56.9 | 58.2 | 50.4 | 50.1 |
| **1988 Average** | **85.6** | **56.4** | **55.1** | **54.9** | **48.9** | **48.0** |
| **Iowa** | | | | | | |
| January | W | 58.9 | 56.0 | 55.5 | 53.5 | 49.8 |
| February | W | 56.6 | 54.1 | 52.5 | 49.3 | 48.3 |
| March | W | 56.8 | 54.1 | 51.7 | 50.2 | 50.3 |
| April | W | W | W | 58.7 | 55.8 | 54.6 |
| May | - | W | W | 55.5 | 54.0 | 51.9 |
| June | - | W | W | 51.7 | 50.7 | 48.6 |
| July | - | 54.6 | W | 49.5 | 47.3 | 45.4 |
| August | - | 54.6 | W | 50.6 | 47.9 | 46.8 |
| September | - | 53.9 | W | 49.8 | 47.0 | 45.8 |
| October | W | 54.5 | 51.4 | 50.4 | 45.9 | 44.5 |
| November | - | 57.3 | W | 53.7 | 49.1 | 47.7 |
| December | - | 59.2 | 56.2 | 55.9 | 51.8 | 49.5 |
| **1988 Average** | W | **57.0** | W | **53.7** | **50.1** | **48.5** |
| **Kansas** | | | | | | |
| January | W | 57.0 | 52.9 | 53.4 | 49.1 | 47.7 |
| February | W | 54.5 | 51.2 | 49.9 | 46.4 | 45.6 |
| March | W | 55.4 | 51.5 | 50.3 | 47.4 | 47.8 |
| April | W | W | W | 52.2 | 52.5 | 51.6 |
| May | - | W | W | 53.1 | 50.6 | 49.9 |
| June | - | 50.8 | W | 48.8 | 47.6 | 46.8 |
| July | - | W | 48.6 | 46.7 | 44.8 | 44.3 |
| August | - | W | W | 46.7 | 46.1 | 45.3 |
| September | W | 51.7 | W | 47.7 | 44.5 | 43.3 |
| October | W | 50.9 | 50.9 | 48.1 | 43.4 | 42.8 |
| November | W | 54.4 | 52.7 | 51.1 | 45.6 | 45.2 |
| December | W | 54.9 | 53.4 | 52.8 | 48.3 | 47.1 |
| **1988 Average** | W | **54.2** | **52.4** | **51.0** | **47.2** | **46.4** |

See footnotes at end of table.

# Table 34. Refiner Prices of Kerosene and Distillates (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Kentucky** | | | | | | |
| January | 75.3 | 61.9 | 63.6 | 59.4 | 54.3 | 51.7 |
| February | 70.9 | 58.2 | 59.4 | 55.5 | 51.1 | 48.5 |
| March | 68.3 | 56.9 | 57.5 | 54.6 | 50.3 | 48.1 |
| April | 66.4 | 62.3 | 59.2 | 61.8 | 54.4 | 53.0 |
| May | 61.8 | 61.1 | 58.6 | 60.4 | 54.7 | 51.5 |
| June | 55.7 | 55.8 | 53.9 | 52.5 | 51.0 | 47.7 |
| July | 55.6 | 53.2 | 50.9 | 51.9 | 47.4 | 45.3 |
| August | 53.7 | 55.8 | 51.7 | 53.8 | 48.6 | 46.3 |
| September | 58.9 | 56.1 | 54.8 | 53.3 | 48.2 | 45.6 |
| October | 66.6 | 55.3 | 61.4 | 52.6 | 47.3 | 44.1 |
| November | 69.6 | 57.2 | 58.3 | 57.0 | 49.6 | 47.8 |
| December | 78.1 | 62.2 | 62.2 | 60.7 | 53.4 | 51.7 |
| **1988 Average** | **68.5** | **59.3** | **59.0** | **57.2** | **50.7** | **48.4** |
| **Michigan** | | | | | | |
| January | 107.9 | 57.8 | 59.2 | 60.2 | 56.4 | 53.5 |
| February | 101.5 | 60.1 | 54.9 | 55.1 | 51.8 | 49.0 |
| March | 107.8 | 58.0 | 54.1 | 54.7 | 50.7 | 49.4 |
| April | 91.3 | 59.0 | 57.6 | 60.2 | 55.0 | 55.8 |
| May | 77.6 | W | 56.1 | 58.9 | 54.2 | 53.8 |
| June | 62.8 | W | 52.8 | 53.5 | 50.9 | 48.5 |
| July | 56.7 | W | W | 50.8 | 47.6 | 45.8 |
| August | 54.1 | W | 50.9 | 51.9 | 47.9 | 46.8 |
| September | 59.9 | 57.2 | W | 50.5 | 47.5 | 46.5 |
| October | 71.2 | 56.6 | 51.5 | 52.0 | 47.2 | 45.7 |
| November | 85.3 | 61.0 | 54.2 | 54.5 | 50.7 | 49.0 |
| December | 99.7 | 64.3 | 57.1 | 58.0 | 52.5 | 51.1 |
| **1988 Average** | **90.4** | **59.6** | **55.1** | **55.5** | **50.9** | **49.5** |
| **Minnesota** | | | | | | |
| January | W | 60.8 | 56.7 | 56.5 | 53.1 | 50.8 |
| February | W | 58.4 | 53.3 | 53.3 | 50.5 | 48.3 |
| March | W | 59.9 | 52.8 | 53.8 | 49.6 | 50.2 |
| April | W | 63.8 | 54.9 | 57.7 | 52.8 | 54.1 |
| May | W | W | 52.9 | 55.7 | 51.2 | 52.0 |
| June | W | 58.1 | 50.2 | 52.7 | 48.6 | 49.2 |
| July | W | 57.0 | 46.0 | 50.2 | 47.0 | 46.3 |
| August | W | 56.2 | 46.7 | 51.2 | 47.0 | 47.0 |
| September | W | 55.2 | 47.4 | 50.5 | 46.9 | 46.1 |
| October | W | 55.0 | 48.1 | 51.0 | 45.4 | 45.2 |
| November | 120.6 | 58.3 | 52.5 | 53.8 | 48.4 | 48.1 |
| December | W | 61.0 | 55.7 | 56.7 | 49.8 | 50.0 |
| **1988 Average** | **132.1** | **58.5** | **52.8** | **54.5** | **49.1** | **48.8** |
| **Missouri** | | | | | | |
| January | W | 58.0 | 54.8 | 54.3 | 50.7 | 48.9 |
| February | W | 55.0 | 52.9 | 51.6 | 49.3 | 47.0 |
| March | W | 55.4 | 52.5 | 51.1 | 50.9 | 48.6 |
| April | W | 59.1 | 61.2 | 56.9 | 55.9 | 52.5 |
| May | W | 52.0 | W | 55.1 | 53.9 | 50.5 |
| June | - | 50.3 | W | 51.5 | 50.5 | 47.3 |
| July | W | 48.7 | W | 48.7 | 47.4 | 44.5 |
| August | W | 48.7 | W | 50.7 | 47.6 | 46.0 |
| September | W | 49.6 | W | 49.3 | 46.5 | 44.5 |
| October | W | 50.1 | 47.4 | 49.0 | 45.0 | 43.2 |
| November | W | 51.7 | 53.2 | 52.9 | 48.4 | 46.2 |
| December | W | 53.3 | 55.1 | 54.8 | 51.0 | 48.9 |
| **1988 Average** | **W** | **52.2** | **53.7** | **52.7** | **49.5** | **47.3** |

See footnotes at end of table.

# Table 34. Refiner Prices of Kerosene and Distillates (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | 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 | 56.5 | 54.8 | 48.6 | 49.6 |
| February | - | W | 54.7 | 52.7 | 47.0 | 48.5 |
| March | - | W | 53.6 | 52.6 | 46.8 | 50.2 |
| April | - | W | W | 58.3 | 51.1 | 54.3 |
| May | - | - | - | 53.3 | 49.3 | 51.9 |
| June | - | - | - | 53.1 | 45.8 | 48.0 |
| July | - | W | - | 49.2 | 43.7 | 46.0 |
| August | - | W | W | 50.7 | 44.8 | 47.3 |
| September | - | W | - | 49.6 | 43.2 | 46.5 |
| October | - | W | W | 50.0 | 42.2 | 44.1 |
| November | - | W | W | 53.2 | 45.2 | 47.4 |
| December | - | W | 55.7 | 55.4 | 46.6 | 49.0 |
| **1988 Average** | W | W | **55.1** | **53.3** | **46.3** | **48.3** |
| **North Dakota** | | | | | | |
| January | NA | NA | 57.7 | 56.8 | W | 51.0 |
| February | NA | NA | 54.7 | 54.2 | 48.7 | 49.4 |
| March | NA | NA | 55.7 | 53.9 | W | 52.0 |
| April | NA | NA | W | 60.2 | W | 57.3 |
| May | NA | NA | W | 58.5 | W | 54.2 |
| June | NA | NA | 56.5 | 54.8 | W | 51.0 |
| July | NA | NA | 54.3 | 52.0 | W | 48.2 |
| August | NA | NA | W | 51.8 | W | 48.4 |
| September | NA | NA | 53.0 | 51.2 | W | 46.9 |
| October | NA | NA | 51.3 | 51.9 | W | 45.8 |
| November | NA | NA | 54.1 | 54.9 | 48.4 | 48.6 |
| December | NA | NA | 55.9 | 56.8 | 50.0 | 50.0 |
| **1988 Average** | NA | NA | **55.5** | **54.8** | W | **50.2** |
| **Ohio** | | | | | | |
| January | 90.4 | 63.5 | 58.6 | 59.9 | 59.0 | 54.2 |
| February | 85.8 | 60.9 | 54.4 | 55.7 | 55.5 | 50.8 |
| March | 84.5 | 58.6 | 55.0 | 53.7 | 53.5 | 50.2 |
| April | 86.2 | 58.3 | 67.2 | 60.6 | 57.3 | 54.7 |
| May | 73.9 | 60.2 | 68.4 | 58.9 | 57.1 | 53.4 |
| June | 59.5 | 59.4 | 59.7 | 53.9 | 53.5 | 48.6 |
| July | 57.1 | 55.6 | 58.7 | 50.7 | 50.8 | 45.9 |
| August | 60.5 | 54.8 | 59.0 | 52.9 | 51.1 | 47.8 |
| September | 67.7 | 56.4 | 65.7 | 48.5 | 50.5 | 47.1 |
| October | 75.7 | 55.0 | 64.0 | 49.7 | 49.8 | 45.7 |
| November | 87.8 | 61.7 | 62.6 | 56.2 | 52.9 | 50.5 |
| December | 91.9 | 64.6 | 59.8 | 60.0 | 55.9 | 53.3 |
| **1988 Average** | **83.6** | **60.8** | **58.0** | **55.7** | **53.8** | **50.3** |
| **Oklahoma** | | | | | | |
| January | W | 55.6 | 52.7 | 54.1 | 50.0 | 47.0 |
| February | W | 53.4 | 49.6 | 48.4 | 48.2 | 45.7 |
| March | - | 53.5 | W | 48.8 | 48.7 | 46.9 |
| April | - | W | W | 53.0 | 53.3 | 49.9 |
| May | - | 55.7 | W | 50.7 | 51.1 | 48.8 |
| June | - | 53.5 | W | 47.5 | 48.5 | 46.1 |
| July | - | 49.4 | W | 45.0 | 46.2 | 43.5 |
| August | - | 50.7 | W | 46.4 | 46.7 | 45.1 |
| September | - | 49.8 | W | 44.4 | 45.4 | 43.5 |
| October | - | 51.3 | W | 44.5 | 45.2 | 42.1 |
| November | W | 53.5 | 50.5 | 47.4 | 47.6 | 44.9 |
| December | W | 55.3 | W | 49.5 | 49.9 | 46.9 |
| **1988 Average** | W | **53.6** | **48.9** | **48.6** | **48.5** | **45.8** |

See footnotes at end of table.

# Table 34. Refiner Prices of Kerosene and Distillates (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **South Dakota** | | | | | | |
| January | NA | NA | W | 55.8 | 52.1 | 51.3 |
| February | NA | NA | W | 53.9 | 50.5 | 49.0 |
| March | NA | NA | W | 54.3 | W | 50.9 |
| April | NA | NA | W | 59.5 | 55.1 | 55.5 |
| May | NA | NA | - | 55.9 | 53.9 | 53.5 |
| June | NA | NA | - | 50.9 | W | 50.5 |
| July | NA | NA | - | 49.1 | W | 47.4 |
| August | NA | NA | - | 51.8 | 45.5 | 48.3 |
| September | NA | NA | 53.4 | 50.9 | 46.9 | 47.0 |
| October | NA | NA | W | 51.5 | 45.8 | 45.7 |
| November | NA | NA | 54.2 | 54.1 | 47.3 | 47.8 |
| December | NA | NA | 55.3 | 55.9 | 48.8 | 49.5 |
| **1988 Average** | NA | NA | **55.9** | **54.1** | **48.8** | **49.5** |
| **Tennessee** | | | | | | |
| January | 100.8 | 58.4 | 56.4 | 59.2 | 53.3 | 50.4 |
| February | 101.8 | 55.5 | 52.2 | 56.1 | 50.7 | 47.3 |
| March | 98.4 | 53.5 | 50.6 | 53.7 | 49.7 | 46.5 |
| April | 85.5 | 57.8 | W | 57.3 | 52.4 | 50.3 |
| May | 71.3 | 55.9 | W | 56.2 | 51.5 | 48.9 |
| June | W | 53.0 | W | 51.9 | 49.1 | 45.8 |
| July | 56.0 | 48.9 | W | 49.6 | 46.8 | 43.2 |
| August | 58.4 | 50.5 | 49.0 | 51.0 | 46.9 | 44.3 |
| September | 62.5 | 49.8 | W | 49.2 | 46.1 | 42.7 |
| October | 98.9 | 49.1 | 46.1 | 49.0 | 45.2 | 41.6 |
| November | 103.4 | 52.3 | 50.0 | 53.0 | 47.0 | 45.2 |
| December | 99.1 | 57.0 | 55.8 | 58.2 | 51.0 | 50.0 |
| **1988 Average** | **96.4** | **54.8** | **52.5** | **55.3** | **49.1** | **46.3** |
| **Wisconsin** | | | | | | |
| January | - | 53.7 | 57.5 | 57.2 | 53.0 | 51.4 |
| February | - | 58.7 | 54.1 | 53.4 | 49.0 | 48.2 |
| March | - | 59.4 | 52.4 | 53.4 | 49.2 | 49.3 |
| April | - | 63.0 | 63.7 | 59.5 | 56.0 | 55.2 |
| May | - | W | W | 56.3 | 53.2 | 51.9 |
| June | - | 56.4 | W | 51.8 | 48.5 | 48.0 |
| July | - | 55.0 | W | 49.1 | 45.8 | 44.5 |
| August | - | W | W | 50.6 | 46.3 | 46.1 |
| September | - | 55.4 | 50.5 | 49.3 | 45.4 | 44.6 |
| October | - | 54.1 | 50.6 | 49.8 | 44.6 | 43.3 |
| November | - | 52.8 | 52.4 | 52.9 | 47.7 | 46.9 |
| December | - | 60.8 | 55.1 | 56.5 | 50.1 | 49.4 |
| **1988 Average** | **-** | **55.0** | **54.7** | **54.4** | **48.8** | **48.0** |
| **PAD District III Average** | | | | | | |
| January | 75.9 | 53.6 | 56.7 | 56.9 | 51.7 | 48.8 |
| February | 73.7 | 51.5 | 51.8 | 54.8 | 49.5 | 46.1 |
| March | 62.4 | 47.0 | 52.1 | 53.2 | 48.6 | 45.3 |
| April | 60.0 | 48.7 | 56.1 | 57.6 | 51.0 | 47.4 |
| May | 48.2 | 48.7 | 56.3 | 55.7 | 51.1 | 47.6 |
| June | 56.3 | 47.5 | 50.0 | 52.5 | 48.6 | 45.0 |
| July | 49.6 | 44.5 | 48.0 | 49.7 | 45.2 | 42.0 |
| August | 52.6 | 46.1 | 48.8 | 50.1 | 45.1 | 42.6 |
| September | 54.4 | 44.9 | 47.7 | 49.6 | 44.6 | 41.9 |
| October | 56.4 | 44.7 | 46.6 | 49.0 | 43.1 | 40.3 |
| November | 66.8 | 47.6 | 50.5 | 52.7 | 45.3 | 42.7 |
| December | 75.3 | 52.9 | 55.9 | 56.8 | 49.5 | 47.0 |
| **1988 Average** | **57.8** | **48.6** | **53.1** | **53.8** | **47.7** | **44.9** |

See footnotes at end of table.

## Table 34. Refiner Prices of Kerosene and Distillates (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Alabama** | | | | | | |
| January | 129.8 | 52.6 | NA | NA | 50.3 | 49.8 |
| February | 124.7 | 54.5 | NA | NA | 47.5 | 46.6 |
| March | 94.4 | 44.6 | NA | NA | 46.6 | 45.7 |
| April | 103.2 | 44.8 | NA | NA | 50.3 | 49.6 |
| May | 85.9 | 54.5 | NA | NA | 48.2 | 48.0 |
| June | W | W | NA | NA | 45.9 | 45.0 |
| July | W | 52.0 | NA | NA | 43.5 | 42.0 |
| August | W | 53.3 | NA | NA | 44.2 | 42.8 |
| September | W | 56.2 | NA | NA | 43.8 | 42.2 |
| October | 99.6 | 56.7 | NA | NA | 41.7 | 41.2 |
| November | 101.3 | 46.7 | NA | NA | 44.9 | 44.1 |
| December | 108.2 | 49.3 | NA | NA | 50.2 | 48.0 |
| **1988 Average** | **111.0** | **48.6** | NA | NA | **46.3** | **45.2** |
| **Arkansas** | | | | | | |
| January | W | 57.4 | NA | NA | 51.9 | 49.9 |
| February | W | 53.8 | NA | NA | 49.5 | 47.0 |
| March | W | 55.5 | NA | NA | 49.7 | 47.5 |
| April | W | 56.8 | NA | NA | 51.9 | 51.5 |
| May | W | W | NA | NA | 53.8 | 49.9 |
| June | W | 50.1 | NA | NA | 49.5 | 46.3 |
| July | W | 47.1 | NA | NA | 46.6 | 43.8 |
| August | W | 48.5 | NA | NA | 47.2 | 44.9 |
| September | W | 48.5 | NA | NA | 47.0 | 43.6 |
| October | W | 48.8 | NA | NA | 44.8 | 42.1 |
| November | W | 52.4 | NA | NA | 49.5 | 45.6 |
| December | W | 56.2 | NA | NA | 53.2 | 49.0 |
| **1988 Average** | W | **52.6** | NA | NA | **49.5** | **46.6** |
| **Louisiana** | | | | | | |
| January | 62.3 | 55.4 | NA | NA | 52.2 | 48.7 |
| February | 63.9 | 52.1 | NA | NA | 50.0 | 45.7 |
| March | 57.2 | 49.8 | NA | NA | 48.7 | 45.0 |
| April | W | 48.1 | NA | NA | 50.0 | 47.4 |
| May | W | 48.3 | NA | NA | 50.0 | 46.8 |
| June | W | 47.1 | NA | NA | 47.9 | 44.2 |
| July | W | 46.0 | NA | NA | 44.1 | 42.0 |
| August | W | 45.0 | NA | NA | 44.7 | 41.4 |
| September | W | 46.3 | NA | NA | 43.6 | 40.8 |
| October | 52.2 | 44.7 | NA | NA | 41.8 | 39.3 |
| November | 70.5 | 47.1 | NA | NA | 45.2 | 42.1 |
| December | 63.0 | 53.3 | NA | NA | 49.7 | 47.2 |
| **1988 Average** | **51.1** | **47.3** | NA | NA | **46.9** | **44.4** |
| **Mississippi** | | | | | | |
| January | - | 50.2 | NA | NA | 52.1 | 49.2 |
| February | - | 47.6 | NA | NA | 49.4 | 46.3 |
| March | - | 46.8 | NA | NA | 48.6 | 44.9 |
| April | - | 48.8 | NA | NA | 51.3 | 47.4 |
| May | - | W | NA | NA | 49.8 | 47.4 |
| June | W | 46.9 | NA | NA | 47.6 | 44.7 |
| July | - | W | NA | NA | 43.6 | 41.9 |
| August | - | W | NA | NA | 45.7 | 42.1 |
| September | - | W | NA | NA | 43.7 | 40.9 |
| October | - | W | NA | NA | 40.2 | 40.4 |
| November | W | W | NA | NA | 40.4 | 43.0 |
| December | - | W | NA | NA | 47.6 | 47.9 |
| **1988 Average** | W | W | NA | NA | **46.0** | **44.7** |

See footnotes at end of table.

# Table 34. Refiner Prices of Kerosene and Distillates (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | 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 | 61.8 | W | 58.8 | 59.7 | 52.1 |
| February | W | 61.3 | - | 56.4 | 58.9 | 51.8 |
| March | W | 65.3 | - | 61.2 | 58.7 | 53.6 |
| April | W | 63.7 | - | 63.4 | 59.8 | 56.4 |
| May | W | 70.2 | - | 57.9 | 59.5 | 56.7 |
| June | W | 60.0 | - | 61.1 | 58.5 | 54.9 |
| July | W | 58.7 | - | 58.2 | 57.6 | 52.6 |
| August | W | 57.6 | - | 60.9 | 56.0 | 51.4 |
| September | W | 66.6 | W | 58.6 | 54.0 | 50.2 |
| October | W | 60.8 | - | 56.3 | 51.5 | 47.8 |
| November | W | 63.4 | W | 56.4 | 51.7 | 48.8 |
| December | W | 63.1 | W | 59.1 | 54.9 | 49.8 |
| **1988 Average** | W | **62.4** | **59.0** | **58.5** | **56.7** | **52.2** |
| **Texas** | | | | | | |
| January | 61.1 | 55.3 | W | 55.3 | 51.0 | 48.6 |
| February | 59.1 | 52.0 | 51.6 | 53.8 | 48.5 | 45.9 |
| March | 53.3 | 50.8 | W | 51.5 | 47.5 | 44.8 |
| April | W | 52.3 | W | 57.2 | 50.2 | 46.6 |
| May | W | 53.5 | W | 55.5 | 50.9 | 47.2 |
| June | 53.5 | 52.4 | W | 51.1 | 47.8 | 44.6 |
| July | 45.0 | 50.6 | 47.9 | 49.0 | 44.6 | 41.4 |
| August | W | 48.3 | 48.9 | 48.3 | 44.2 | 42.4 |
| September | W | 45.8 | 48.2 | 48.3 | 43.8 | 41.9 |
| October | W | 46.6 | 46.4 | 48.0 | 42.8 | 40.0 |
| November | 53.5 | 49.3 | 50.4 | 51.2 | 44.9 | 42.3 |
| December | 61.0 | 55.4 | 55.4 | 54.5 | 48.7 | 46.5 |
| **1988 Average** | **54.1** | **51.3** | **52.9** | **52.2** | **47.0** | **44.6** |
| **PAD District IV Average** | | | | | | |
| January | W | 64.6 | 61.1 | 59.0 | 54.3 | 54.5 |
| February | W | 63.5 | 58.2 | 57.1 | 50.7 | 51.7 |
| March | - | 62.2 | 57.8 | 56.4 | 51.0 | 52.7 |
| April | - | 68.3 | 61.1 | 60.2 | 54.6 | 55.9 |
| May | - | W | 65.3 | 60.9 | 55.4 | 56.2 |
| June | - | 64.7 | 63.4 | 56.9 | 51.9 | 52.1 |
| July | - | 61.4 | 52.7 | 53.6 | 48.3 | 48.3 |
| August | - | 58.3 | 56.8 | 53.2 | 47.9 | 48.1 |
| September | - | 57.8 | 54.7 | 53.2 | 46.9 | 47.8 |
| October | - | 55.7 | 54.0 | 52.5 | 46.4 | 47.1 |
| November | - | 54.4 | 54.8 | 54.0 | 47.2 | 48.1 |
| December | W | 55.5 | 56.2 | 55.1 | 48.2 | 48.9 |
| **1988 Average** | W | **57.2** | **57.9** | **56.0** | **50.2** | **50.8** |
| **Colorado** | | | | | | |
| January | W | W | 55.9 | 54.9 | 50.4 | 49.5 |
| February | W | W | 53.4 | 54.4 | 48.2 | 47.9 |
| March | - | W | 54.4 | 53.8 | 49.3 | 49.5 |
| April | - | - | W | 56.9 | 53.3 | 52.4 |
| May | - | - | W | 56.9 | 53.0 | 52.2 |
| June | - | W | W | 51.7 | 48.0 | 47.4 |
| July | - | W | 50.6 | 51.0 | 46.2 | 46.0 |
| August | - | W | W | 50.6 | 46.4 | 46.1 |
| September | - | 54.1 | 52.4 | 50.1 | 45.1 | 45.2 |
| October | - | W | 50.4 | 50.0 | 44.7 | 43.7 |
| November | - | 53.7 | 56.4 | 52.2 | 46.9 | 46.5 |
| December | W | W | 57.1 | 53.5 | 47.8 | 48.0 |
| **1988 Average** | W | **54.3** | **55.4** | **53.2** | **48.1** | **47.7** |

See footnotes at end of table.

## Table 34. Refiner Prices of Kerosene and Distillates (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Idaho** | | | | | | |
| January | NA | NA | W | 65.1 | 60.7 | 59.5 |
| February | NA | NA | W | 61.0 | 55.5 | 55.0 |
| March | NA | NA | W | 60.2 | 54.7 | 55.4 |
| April | NA | NA | W | 64.4 | W | 59.3 |
| May | NA | NA | W | 66.4 | 59.8 | 60.8 |
| June | NA | NA | W | 63.9 | 57.6 | 57.8 |
| July | NA | NA | W | 55.6 | 52.0 | 51.0 |
| August | NA | NA | W | 54.2 | 50.3 | 49.7 |
| September | NA | NA | W | 55.9 | 50.2 | 50.5 |
| October | NA | NA | W | 56.8 | 49.2 | 50.6 |
| November | NA | NA | 58.0 | 56.8 | 49.3 | 50.3 |
| December | NA | NA | 59.6 | 57.7 | 49.6 | 51.2 |
| **1988 Average** | NA | NA | **62.8** | **59.7** | **53.9** | **54.1** |
| **Montana** | | | | | | |
| January | NA | NA | 60.5 | 58.9 | 52.1 | 52.3 |
| February | NA | NA | 57.6 | 56.4 | 48.1 | 50.6 |
| March | NA | NA | 58.3 | 57.5 | 49.7 | 53.8 |
| April | NA | NA | W | 62.4 | 54.7 | 57.1 |
| May | NA | NA | W | 62.8 | 54.8 | 57.7 |
| June | NA | NA | W | 59.2 | 50.6 | 52.6 |
| July | NA | NA | W | 53.6 | 46.2 | 47.5 |
| August | NA | NA | W | 54.2 | 47.1 | 49.0 |
| September | NA | NA | 61.0 | 54.6 | 46.0 | 48.1 |
| October | NA | NA | 57.5 | 54.0 | 46.7 | 47.4 |
| November | NA | NA | 52.4 | 54.0 | 45.2 | 47.8 |
| December | NA | NA | 54.9 | 55.1 | 46.1 | 47.7 |
| **1988 Average** | NA | NA | **57.7** | **56.1** | **48.9** | **50.9** |
| **Utah** | | | | | | |
| January | NA | NA | 64.7 | 64.7 | 58.9 | 58.9 |
| February | NA | NA | 59.7 | 59.7 | 53.6 | 53.7 |
| March | NA | NA | 58.9 | 58.5 | 52.7 | 53.5 |
| April | NA | NA | 63.2 | 62.8 | 56.0 | 57.0 |
| May | NA | NA | W | 64.0 | 57.6 | 58.2 |
| June | NA | NA | W | 61.4 | 56.0 | 55.6 |
| July | NA | NA | W | 56.3 | 50.2 | 50.1 |
| August | NA | NA | W | 54.1 | 47.9 | 47.9 |
| September | NA | NA | 54.9 | 54.0 | 47.4 | 48.0 |
| October | NA | NA | 56.2 | 55.0 | 47.5 | 48.6 |
| November | NA | NA | 56.2 | 55.2 | 48.1 | 49.1 |
| December | NA | NA | 56.7 | 55.9 | 48.8 | 49.6 |
| **1988 Average** | NA | NA | **59.7** | **58.8** | **51.9** | **52.2** |
| **Wyoming** | | | | | | |
| January | NA | NA | 61.5 | 59.2 | 53.9 | 52.5 |
| February | NA | NA | 59.6 | 57.5 | 51.4 | 51.6 |
| March | NA | NA | 58.9 | 57.4 | 50.8 | 52.0 |
| April | NA | NA | 60.4 | 60.9 | 53.7 | 55.4 |
| May | NA | NA | W | 61.1 | 54.7 | 55.5 |
| June | NA | NA | W | 58.5 | 51.7 | 51.8 |
| July | NA | NA | W | 55.6 | 48.5 | 48.7 |
| August | NA | NA | W | 56.9 | 48.8 | 49.7 |
| September | NA | NA | 53.3 | 54.6 | 47.8 | 48.2 |
| October | NA | NA | 53.7 | 53.8 | 46.4 | 47.1 |
| November | NA | NA | 53.6 | 54.5 | 47.2 | 47.7 |
| December | NA | NA | 54.8 | 55.4 | 48.6 | 48.3 |
| **1988 Average** | NA | NA | **57.4** | **56.7** | **50.3** | **50.7** |

See footnotes at end of table.

## Table 34. Refiner Prices of Kerosene and Distillates (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **PAD District V Average** | | | | | | |
| January | W | 62.9 | 65.4 | 62.5 | 53.6 | 51.5 |
| February | W | 63.8 | 65.6 | 62.7 | 53.9 | 51.8 |
| March | 65.9 | 64.3 | 65.7 | 64.3 | 54.5 | 52.4 |
| April | 65.4 | 66.4 | 65.8 | 63.7 | 55.0 | 53.5 |
| May | W | 68.7 | 63.3 | 64.6 | 55.0 | 52.9 |
| June | 72.7 | 67.2 | 63.5 | 64.6 | 52.3 | 50.0 |
| July | W | 66.6 | 58.3 | 59.7 | 46.7 | 42.8 |
| August | W | 63.8 | 58.9 | 59.8 | 46.1 | 44.5 |
| September | 59.6 | 64.5 | 61.3 | 61.2 | 49.2 | 46.6 |
| October | W | 63.7 | 58.4 | 58.1 | 44.0 | 40.2 |
| November | W | 62.7 | 56.5 | 56.1 | 44.0 | 41.4 |
| December | W | 61.9 | 57.1 | 56.2 | 44.7 | 43.7 |
| **1988 Average** | **65.4** | **64.0** | **61.8** | **60.2** | **49.9** | **47.5** |
| **Alaska** | | | | | | |
| January | NA | NA | NA | NA | 74.6 | 57.8 |
| February | NA | NA | NA | NA | 76.7 | 54.0 |
| March | NA | NA | NA | NA | 73.9 | 60.6 |
| April | NA | NA | NA | NA | 71.7 | 57.1 |
| May | NA | NA | NA | NA | 61.9 | 59.3 |
| June | NA | NA | NA | NA | 68.3 | 59.1 |
| July | NA | NA | NA | NA | 65.8 | 56.3 |
| August | NA | NA | NA | NA | 64.3 | 54.3 |
| September | NA | NA | NA | NA | 66.7 | 54.5 |
| October | NA | NA | NA | NA | 67.7 | 47.0 |
| November | NA | NA | NA | NA | 66.4 | 50.8 |
| December | NA | NA | NA | NA | 69.6 | 56.3 |
| **1988 Average** | NA | NA | NA | NA | **67.3** | **55.6** |
| **Arizona** | | | | | | |
| January | NA | NA | NA | NA | 56.5 | 54.0 |
| February | NA | NA | NA | NA | 56.6 | 55.5 |
| March | NA | NA | NA | NA | 57.9 | 56.2 |
| April | NA | NA | NA | NA | 58.0 | 57.0 |
| May | NA | NA | NA | NA | 56.7 | 54.7 |
| June | NA | NA | NA | NA | 55.3 | 53.0 |
| July | NA | NA | NA | NA | 51.1 | 47.0 |
| August | NA | NA | NA | NA | 50.6 | 47.4 |
| September | NA | NA | NA | NA | 53.8 | 48.9 |
| October | NA | NA | NA | NA | 49.3 | 44.6 |
| November | NA | NA | NA | NA | 48.9 | 47.3 |
| December | NA | NA | NA | NA | 52.4 | 51.0 |
| **1988 Average** | NA | NA | NA | NA | **54.0** | **51.5** |
| **California** | | | | | | |
| January | NA | NA | W | 60.0 | 51.9 | 49.9 |
| February | NA | NA | 57.9 | 60.8 | 53.0 | 51.0 |
| March | NA | NA | W | 61.5 | 53.8 | 52.1 |
| April | NA | NA | W | 60.8 | 53.8 | 52.0 |
| May | NA | NA | W | 60.4 | 53.9 | 51.2 |
| June | NA | NA | W | 59.3 | 51.8 | 48.5 |
| July | NA | NA | W | 52.1 | 46.1 | 41.4 |
| August | NA | NA | W | 54.1 | 45.2 | 43.5 |
| September | NA | NA | W | 55.0 | 48.5 | 45.3 |
| October | NA | NA | W | 47.9 | 42.5 | 38.5 |
| November | NA | NA | W | 50.4 | 42.8 | 39.8 |
| December | NA | NA | W | 51.4 | 43.0 | 41.8 |
| **1988 Average** | NA | NA | W | **56.8** | **48.8** | **46.2** |

See footnotes at end of table.

# Table 34. Refiner Prices of Kerosene and Distillates (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Hawaii** | | | | | | |
| January | NA | NA | NA | NA | 55.2 | 63.0 |
| February | NA | NA | NA | NA | 55.1 | 63.5 |
| March | NA | NA | NA | NA | 57.7 | 64.5 |
| April | NA | NA | NA | NA | 56.2 | 64.2 |
| May | NA | NA | NA | NA | 56.1 | 64.7 |
| June | NA | NA | NA | NA | 56.9 | 64.1 |
| July | NA | NA | NA | NA | 54.0 | 60.5 |
| August | NA | NA | NA | NA | 49.2 | 61.6 |
| September | NA | NA | NA | NA | 50.6 | 61.3 |
| October | NA | NA | NA | NA | 53.3 | 60.7 |
| November | NA | NA | NA | NA | 46.0 | 58.8 |
| December | NA | NA | NA | NA | 48.1 | 56.5 |
| **1988 Average** | NA | NA | NA | NA | **53.2** | **61.9** |
| **Nevada** | | | | | | |
| January | NA | NA | W | W | 51.8 | 53.4 |
| February | NA | NA | W | 60.5 | 52.4 | 53.0 |
| March | NA | NA | W | 61.1 | 53.5 | 54.1 |
| April | NA | NA | W | W | 54.2 | 54.3 |
| May | NA | NA | W | 61.1 | 53.1 | 53.5 |
| June | NA | NA | W | W | 51.6 | 51.8 |
| July | NA | NA | W | W | 44.5 | 44.1 |
| August | NA | NA | 57.0 | 52.8 | 46.1 | 45.5 |
| September | NA | NA | W | 55.0 | 48.2 | 48.5 |
| October | NA | NA | W | 49.4 | 42.3 | 42.3 |
| November | NA | NA | 53.3 | 52.0 | 42.6 | 41.2 |
| December | NA | NA | 54.8 | 52.4 | 44.7 | 43.4 |
| **1988 Average** | NA | NA | **61.3** | **55.1** | **48.8** | **48.4** |
| **Oregon** | | | | | | |
| January | NA | NA | 68.4 | 61.4 | 56.5 | 52.8 |
| February | NA | NA | 69.8 | 60.3 | 54.8 | 51.6 |
| March | NA | NA | 72.8 | 61.4 | 54.2 | 52.2 |
| April | NA | NA | W | 63.0 | 55.6 | 55.3 |
| May | NA | NA | W | 64.7 | 56.8 | 55.7 |
| June | NA | NA | W | 62.3 | 50.6 | 50.0 |
| July | NA | NA | W | 51.4 | 43.3 | 42.1 |
| August | NA | NA | W | 53.0 | 46.5 | 44.0 |
| September | NA | NA | W | 55.0 | 49.0 | 47.1 |
| October | NA | NA | W | 50.4 | 43.8 | 41.9 |
| November | NA | NA | W | 50.3 | 43.6 | 41.7 |
| December | NA | NA | W | 52.2 | 44.8 | 42.9 |
| **1988 Average** | NA | NA | **64.2** | **55.8** | **50.2** | **47.7** |
| **Washington** | | | | | | |
| January | NA | NA | 64.4 | 60.7 | 55.6 | 52.9 |
| February | NA | NA | 66.8 | 59.6 | 54.2 | 51.3 |
| March | NA | NA | 64.5 | 59.7 | 53.0 | 50.2 |
| April | NA | NA | W | 62.0 | 55.3 | 54.5 |
| May | NA | NA | 77.1 | 63.1 | 55.1 | 54.3 |
| June | NA | NA | 66.1 | 60.0 | 50.6 | 49.4 |
| July | NA | NA | W | 51.1 | 44.7 | 41.5 |
| August | NA | NA | W | 53.3 | 43.0 | 44.1 |
| September | NA | NA | W | 54.2 | 47.9 | 45.7 |
| October | NA | NA | W | 49.9 | 42.1 | 40.1 |
| November | NA | NA | 56.2 | 49.9 | 44.4 | 41.4 |
| December | NA | NA | 57.0 | 50.5 | 44.4 | 43.6 |
| **1988 Average** | NA | NA | **60.5** | **55.2** | **49.0** | **47.3** |

Dashes (-) = No data reported.
NA = Not Available.
W = Withheld to avoid disclosure of individual company data.
Note: PAD District and U.S. averages represent data for all States. In certain PAD Districts, however, Kerosene and No. 1 Distillate prices are not shown for every State.
Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

# Table 35. No. 2 Distillate Prices by Seller Type and Selected States
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Refiners and Gas Plant Operators | | | Resellers and Retailers | | | All Sellers | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | To Residential Consumers[a] | To Non-Residential End Users | | To Residential Consumers[a] | To Non-Residential End Users | | To Residential Consumers[a] | To Non-Residential End Users | |
| **U.S. Average** | | | | | | | | | |
| January | 81.2 | 54.2 | 51.6 | 84.9 | 63.2 | 52.5 | 84.7 | 59.6 | 52.0 |
| February | 80.9 | 51.8 | 48.9 | 84.1 | 61.4 | 51.2 | 83.9 | 57.5 | 49.8 |
| March | 79.4 | 51.0 | 48.4 | 83.4 | 61.3 | 50.5 | 83.1 | 57.5 | 49.1 |
| April | 78.3 | 53.7 | 51.3 | 83.4 | 63.1 | 52.7 | 83.1 | 59.3 | 51.8 |
| May | 77.6 | 53.4 | 50.8 | 82.2 | 62.3 | 52.7 | 81.9 | 58.8 | 51.4 |
| June | 74.9 | 50.4 | 47.3 | 79.3 | 59.4 | 49.9 | 79.1 | 56.0 | 48.1 |
| July | 69.9 | 46.8 | 43.7 | 77.2 | 57.5 | 46.8 | 76.7 | 53.2 | 44.6 |
| August | 67.8 | 47.0 | 44.7 | 74.1 | 57.4 | 47.3 | 73.7 | 53.1 | 45.4 |
| September | 68.4 | 47.0 | 44.0 | 76.3 | 57.0 | 46.4 | 75.9 | 53.1 | 44.8 |
| October | 68.5 | 45.1 | 42.0 | 75.8 | 56.3 | 44.6 | 75.5 | 52.0 | 42.8 |
| November | 69.7 | 47.3 | 44.8 | 77.5 | 57.2 | 47.2 | 77.2 | 53.3 | 45.6 |
| December | 74.1 | 50.7 | 49.0 | 81.8 | 59.9 | 51.9 | 81.4 | 56.3 | 50.1 |
| **1988 Average** | **76.1** | **49.8** | **47.3** | **81.5** | **59.6** | **49.8** | **81.3** | **55.8** | **48.2** |
| **PAD District I Average** | | | | | | | | | |
| January | 81.6 | 56.4 | 53.6 | 86.3 | 65.7 | 54.8 | 86.1 | 62.3 | 54.2 |
| February | 81.4 | 53.4 | 50.3 | 85.7 | 63.4 | 51.6 | 85.4 | 59.6 | 51.0 |
| March | 79.8 | 51.8 | 48.3 | 84.8 | 61.9 | 50.4 | 84.5 | 58.2 | 49.3 |
| April | 78.5 | 53.7 | 51.6 | 84.5 | 63.4 | 53.1 | 84.1 | 59.4 | 52.3 |
| May | 77.7 | 53.9 | 51.4 | 83.3 | 62.7 | 53.3 | 83.0 | 59.1 | 52.3 |
| June | 75.2 | 50.6 | 47.2 | 80.5 | 59.4 | 49.7 | 80.2 | 55.8 | 48.4 |
| July | 70.2 | 47.4 | 43.9 | 78.3 | 57.7 | 46.1 | 77.7 | 53.3 | 44.8 |
| August | 68.0 | 47.9 | 44.9 | 74.6 | 57.6 | 46.5 | 74.1 | 53.2 | 45.7 |
| September | 68.5 | 47.3 | 43.1 | 77.7 | 57.6 | 45.6 | 77.1 | 53.0 | 44.3 |
| October | 68.5 | 45.9 | 41.7 | 77.2 | 57.3 | 44.1 | 76.8 | 52.7 | 42.9 |
| November | 69.7 | 48.4 | 45.6 | 78.9 | 59.2 | 47.2 | 78.5 | 54.8 | 46.4 |
| December | 74.3 | 53.0 | 51.2 | 83.6 | 62.3 | 52.5 | 83.1 | 58.9 | 51.9 |
| **1988 Average** | **76.4** | **50.8** | **48.3** | **83.0** | **60.9** | **50.3** | **82.7** | **56.9** | **49.3** |
| **Subdistrict IA Average** | | | | | | | | | |
| January | 82.1 | 58.8 | 56.3 | 85.6 | 69.5 | 56.4 | 85.5 | 67.1 | 56.4 |
| February | 80.7 | 55.5 | 52.1 | 84.8 | 66.0 | 52.3 | 84.6 | 63.9 | 52.2 |
| March | 79.6 | 53.2 | 50.3 | 83.6 | 65.0 | 51.0 | 83.4 | 62.6 | 50.8 |
| April | 80.8 | 55.2 | 53.4 | 83.4 | 67.8 | 53.3 | 83.3 | 64.8 | 53.3 |
| May | 80.3 | 56.4 | 53.8 | 82.7 | 66.9 | 53.5 | 82.6 | 64.6 | 53.6 |
| June | 77.7 | 50.8 | 48.9 | 80.3 | 64.7 | 49.4 | 80.2 | 61.0 | 49.3 |
| July | 75.2 | 45.2 | 44.8 | 78.1 | 63.5 | 45.8 | 78.0 | 56.8 | 45.5 |
| August | 74.4 | 47.6 | 45.8 | 76.9 | 62.6 | 46.1 | 76.8 | 58.6 | 46.0 |
| September | 73.9 | 47.0 | 43.7 | 78.4 | 63.1 | 45.0 | 78.3 | 59.1 | 44.7 |
| October | 71.7 | 45.3 | 42.3 | 76.8 | 62.1 | 43.1 | 76.7 | 58.2 | 42.9 |
| November | 73.5 | 48.9 | 46.1 | 78.0 | 63.4 | 46.5 | 77.8 | 59.9 | 46.4 |
| December | 78.1 | 55.8 | 53.2 | 82.7 | 67.6 | 52.4 | 82.5 | 64.9 | 52.6 |
| **1988 Average** | **78.6** | **51.7** | **50.3** | **82.2** | **65.5** | **50.6** | **82.1** | **62.2** | **50.5** |
| **Connecticut** | | | | | | | | | |
| January | W | 58.0 | 55.6 | 89.0 | 68.0 | 56.5 | 88.9 | 66.7 | 56.3 |
| February | W | 53.7 | 51.8 | 89.1 | 66.9 | 52.4 | 89.0 | 64.8 | 52.3 |
| March | W | 51.7 | 50.4 | 87.5 | 64.1 | 50.8 | 87.4 | 62.2 | 50.7 |
| April | W | 52.1 | 50.9 | 88.1 | 66.2 | 53.8 | 88.1 | 63.1 | 52.8 |
| May | W | 53.4 | 54.2 | 87.6 | 66.9 | 53.6 | 87.6 | 63.6 | 53.8 |
| June | W | 49.6 | 49.0 | 86.5 | 63.5 | 50.2 | 86.4 | 59.8 | 49.8 |
| July | W | 44.2 | 44.6 | 83.6 | 61.4 | 45.8 | 83.5 | 51.0 | 45.4 |
| August | W | 46.9 | 44.9 | 82.0 | 59.0 | 45.4 | 81.9 | 56.0 | 45.2 |
| September | W | 45.2 | 43.2 | 80.8 | 60.4 | 47.3 | 80.8 | 56.8 | 46.1 |
| October | W | 45.8 | 42.1 | 80.0 | 59.3 | 43.4 | 79.9 | 56.8 | 43.1 |
| November | W | 49.1 | 46.2 | 80.5 | 61.3 | 47.7 | 80.5 | 59.3 | 47.4 |
| December | W | 55.0 | 52.8 | 84.5 | 66.4 | 54.2 | 84.4 | 64.8 | 53.9 |
| **1988 Average** | W | **49.3** | **49.8** | **85.4** | **64.0** | **51.3** | **85.3** | **60.8** | **50.9** |

See footnotes at end of table.

## Table 35. No. 2 Distillate Prices by Seller Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Refiners and Gas Plant Operators | | | Resellers and Retailers | | | All Sellers | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | To Residential Consumers[a] | To Non-Residential End Users | | To Residential Consumers[a] | To Non-Residential End Users | | To Residential Consumers[a] | To Non-Residential End Users | |
| **Maine** | | | | | | | | | |
| January | W | 59.7 | 55.8 | 80.3 | 74.0 | 59.2 | 80.3 | 71.6 | 58.0 |
| February | W | 56.1 | 51.8 | 79.7 | 73.0 | 53.5 | 79.7 | 70.0 | 53.0 |
| March | W | 52.9 | 49.8 | 79.1 | 66.7 | 52.3 | 79.2 | 64.3 | 51.5 |
| April | W | 55.0 | 53.4 | 78.6 | 70.9 | 55.2 | 78.7 | 67.7 | 54.7 |
| May | W | 57.0 | 54.0 | 77.6 | 64.6 | 54.6 | 77.6 | 63.6 | 54.5 |
| June | W | 51.9 | 47.8 | 75.4 | 66.2 | 51.2 | 75.4 | 63.2 | 50.1 |
| July | W | 45.8 | 44.2 | 73.3 | 65.9 | 48.3 | 73.3 | 61.7 | 46.6 |
| August | W | 48.7 | 45.6 | 75.7 | 65.0 | 46.3 | 75.7 | 61.8 | 46.1 |
| September | W | 47.1 | 43.2 | 71.6 | 65.8 | 44.1 | 71.7 | 61.1 | 43.8 |
| October | W | 44.9 | 41.9 | 69.2 | 63.0 | 43.6 | 69.0 | 58.9 | 43.0 |
| November | W | 49.2 | 46.5 | 72.0 | 64.1 | 46.1 | 72.0 | 60.7 | 46.2 |
| December | W | 55.9 | 54.1 | 80.3 | 69.8 | 53.6 | 80.2 | 66.9 | 53.8 |
| **1988 Average** | W | **52.0** | **49.7** | **77.7** | **67.6** | **51.1** | **77.7** | **64.6** | **50.6** |
| **Massachusetts** | | | | | | | | | |
| January | 81.5 | 58.2 | 56.6 | 85.9 | 67.0 | 56.1 | 85.6 | 64.3 | 56.3 |
| February | 79.1 | 55.2 | 52.1 | 84.4 | 61.3 | 51.8 | 84.1 | 59.9 | 51.9 |
| March | 77.7 | 52.7 | 50.4 | 83.6 | 63.1 | 50.8 | 83.3 | 60.6 | 50.7 |
| April | 79.7 | 55.5 | 55.4 | 83.4 | 66.8 | 52.3 | 83.2 | 63.6 | 53.1 |
| May | 79.8 | 56.1 | 53.9 | 82.5 | 66.7 | 52.7 | 82.3 | 63.7 | 53.0 |
| June | 76.0 | 49.6 | 49.1 | 78.4 | 63.6 | 49.0 | 78.3 | 58.9 | 49.1 |
| July | 74.3 | 45.1 | 44.7 | 77.2 | 62.0 | 45.6 | 77.1 | 56.7 | 45.3 |
| August | 73.0 | 46.8 | 46.6 | 74.2 | 63.1 | 47.2 | 74.2 | 57.5 | 46.9 |
| September | 73.5 | 46.5 | 44.4 | 80.3 | 63.6 | 44.5 | 80.0 | 58.5 | 44.4 |
| October | 72.8 | 44.6 | 42.8 | 78.0 | 63.7 | 42.9 | 77.7 | 58.0 | 42.8 |
| November | 74.0 | 48.3 | 47.5 | 78.1 | 64.4 | 45.8 | 77.9 | 59.1 | 46.2 |
| December | 78.4 | 55.8 | 53.1 | 83.0 | 66.6 | 51.2 | 82.8 | 62.9 | 51.7 |
| **1988 Average** | **78.2** | **51.8** | **51.0** | **82.3** | **64.3** | **50.2** | **82.1** | **60.6** | **50.5** |
| **New Hampshire** | | | | | | | | | |
| January | W | 61.3 | 56.8 | 82.4 | 71.5 | 56.0 | 82.5 | 69.6 | 56.1 |
| February | W | 57.7 | 52.4 | 81.5 | 68.9 | 53.0 | 81.6 | 66.7 | 52.9 |
| March | W | 56.5 | 50.1 | 80.2 | 66.6 | 50.4 | 80.3 | 64.6 | 50.3 |
| April | W | 58.6 | 54.1 | 78.9 | 67.9 | 53.3 | 79.0 | 66.1 | 53.5 |
| May | W | 61.0 | 51.8 | 78.1 | 69.9 | 52.0 | 78.3 | 68.3 | 51.9 |
| June | W | 56.4 | 48.9 | 79.2 | 66.9 | 51.8 | 79.3 | 65.3 | 51.0 |
| July | W | 52.2 | 45.4 | 76.6 | 65.7 | 45.5 | 76.6 | 63.6 | 45.4 |
| August | W | 52.9 | 46.6 | 73.8 | 63.1 | 45.1 | 73.8 | 61.7 | 45.2 |
| September | W | 51.6 | 44.0 | 73.3 | 60.6 | 44.8 | 73.3 | 59.4 | 44.6 |
| October | W | 48.1 | 42.5 | 71.5 | 60.3 | 44.0 | 71.5 | 58.5 | 43.7 |
| November | W | 51.2 | 45.1 | 72.4 | 62.9 | 46.5 | 72.3 | 61.3 | 46.1 |
| December | W | 57.3 | 53.9 | 77.4 | 67.3 | 53.2 | 77.3 | 66.0 | 53.3 |
| **1988 Average** | W | **55.9** | **49.6** | **78.2** | **66.0** | **50.1** | **78.2** | **64.4** | **50.0** |
| **Rhode Island** | | | | | | | | | |
| January | W | 58.7 | 57.9 | 87.2 | 73.4 | 55.9 | 87.1 | 72.0 | 56.0 |
| February | W | 54.2 | 53.1 | 86.6 | 72.0 | 51.9 | 86.4 | 70.0 | 52.1 |
| March | W | 51.7 | 49.6 | 84.9 | 68.8 | 51.2 | 84.7 | 66.2 | 50.8 |
| April | W | 55.1 | 55.0 | 85.5 | 69.5 | 53.6 | 85.4 | 67.3 | 53.8 |
| May | W | 56.0 | 54.7 | 85.3 | 68.1 | 55.4 | 85.1 | 66.2 | 55.3 |
| June | W | 49.0 | 49.0 | 81.6 | 64.5 | 47.6 | 81.4 | 62.2 | 47.7 |
| July | W | 42.9 | 45.5 | 76.6 | 62.8 | 45.5 | 76.3 | 57.6 | 45.5 |
| August | W | 45.3 | 46.3 | 79.9 | 60.9 | 46.2 | 79.7 | 56.7 | 46.2 |
| September | W | 45.1 | 43.1 | 78.4 | 62.7 | 42.9 | 78.4 | 57.8 | 42.9 |
| October | W | 42.8 | 41.1 | 75.5 | 63.0 | 42.1 | 75.5 | 58.1 | 41.9 |
| November | W | 47.3 | 42.4 | 79.9 | 63.2 | 46.6 | 79.7 | 60.6 | 45.2 |
| December | W | 53.7 | 53.1 | 83.5 | 71.1 | 52.1 | 83.4 | 68.7 | 52.2 |
| **1988 Average** | W | **48.9** | **48.5** | **83.7** | **67.2** | **50.1** | **83.6** | **64.0** | **49.9** |

See footnotes at end of table.

# Table 35. No. 2 Distillate Prices by Seller Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Refiners and Gas Plant Operators | | | Resellers and Retailers | | | All Sellers | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | To Residential Consumers[a] | To Non-Residential End Users | | To Residential Consumers[a] | To Non-Residential End Users | | To Residential Consumers[a] | To Non-Residential End Users | |
| **Vermont** | | | | | | | | | |
| January | W | 62.1 | 58.5 | 86.4 | 75.3 | 59.0 | 85.9 | 71.6 | 58.8 |
| February | W | 58.3 | 55.2 | 86.3 | 74.4 | 56.2 | 85.9 | 70.2 | 55.7 |
| March | W | 57.4 | 52.3 | 85.3 | 72.8 | 55.2 | 85.0 | 68.5 | 53.9 |
| April | W | 59.0 | 55.4 | 85.0 | 71.8 | 59.3 | 85.0 | 68.4 | 57.8 |
| May | W | 61.3 | 55.8 | 84.4 | 70.9 | 57.2 | 84.4 | 68.1 | 56.7 |
| June | W | 58.1 | 50.7 | 83.8 | 67.1 | 53.0 | 83.8 | 64.6 | 52.3 |
| July | W | 52.2 | 47.0 | 81.3 | 66.7 | 50.4 | 81.3 | 62.6 | 49.1 |
| August | W | 53.8 | 48.1 | 80.6 | 67.2 | 51.7 | 80.3 | 63.5 | 50.5 |
| September | W | 53.6 | 45.5 | 78.8 | 69.0 | 49.5 | 78.5 | 65.9 | 48.2 |
| October | W | 49.0 | 43.9 | 77.2 | 65.5 | 48.7 | 77.0 | 61.7 | 47.2 |
| November | W | 51.5 | 48.3 | 78.0 | 66.6 | 52.7 | 77.8 | 62.7 | 51.3 |
| December | W | 57.9 | 54.8 | 81.9 | 71.1 | 58.1 | 81.6 | 67.7 | 57.1 |
| **1988 Average** | W | **56.4** | **52.4** | **82.8** | **70.1** | **54.6** | **82.6** | **66.5** | **53.8** |
| **Subdistrict IB Average** | | | | | | | | | |
| January | 81.5 | 58.8 | 53.8 | 87.4 | 67.7 | 53.5 | 87.0 | 64.8 | 53.7 |
| February | 81.6 | 56.1 | 50.8 | 86.7 | 65.7 | 51.1 | 86.3 | 62.4 | 50.9 |
| March | 79.9 | 54.2 | 48.5 | 85.8 | 63.5 | 49.6 | 85.4 | 60.2 | 49.0 |
| April | 77.9 | 54.6 | 51.6 | 85.4 | 65.1 | 52.2 | 84.8 | 61.1 | 51.9 |
| May | 77.0 | 55.6 | 52.1 | 84.0 | 64.3 | 52.7 | 83.5 | 61.0 | 52.4 |
| June | 74.7 | 52.2 | 47.6 | 81.1 | 60.0 | 49.3 | 80.7 | 57.0 | 48.4 |
| July | 69.6 | 48.7 | 43.7 | 78.8 | 58.1 | 45.2 | 77.9 | 54.3 | 44.3 |
| August | 67.1 | 48.4 | 44.9 | 73.5 | 58.2 | 45.8 | 72.8 | 53.7 | 45.3 |
| September | 67.6 | 48.9 | 43.0 | 78.0 | 56.9 | 44.7 | 77.0 | 53.8 | 43.7 |
| October | 67.7 | 46.8 | 41.6 | 77.8 | 56.7 | 43.5 | 77.1 | 53.0 | 42.4 |
| November | 68.7 | 49.3 | 45.6 | 79.8 | 59.0 | 46.6 | 79.1 | 55.6 | 46.0 |
| December | 73.3 | 54.1 | 51.3 | 84.7 | 62.2 | 52.3 | 83.9 | 59.7 | 51.7 |
| **1988 Average** | **75.9** | **52.4** | **48.6** | **84.0** | **61.8** | **49.7** | **83.5** | **58.3** | **49.1** |
| **Delaware** | | | | | | | | | |
| January | - | 56.7 | 52.8 | 83.9 | 63.2 | NA | 83.9 | 62.0 | 53.2 |
| February | - | 54.0 | 49.7 | 83.2 | 61.1 | 49.9 | 83.2 | 60.0 | 49.8 |
| March | - | 53.2 | 46.3 | 81.5 | 59.3 | 50.9 | 81.5 | 58.6 | 47.4 |
| April | - | 55.0 | 51.4 | 82.5 | 62.1 | 56.9 | 82.5 | 61.0 | 53.5 |
| May | - | 54.3 | 49.9 | 82.5 | 62.4 | 53.1 | 82.5 | 60.6 | 51.5 |
| June | - | 50.9 | 45.5 | 80.9 | 60.0 | 54.8 | 80.9 | 58.1 | 49.1 |
| July | - | 45.3 | W | 73.4 | 56.0 | 46.0 | 73.4 | 52.3 | 43.4 |
| August | - | 45.6 | W | 73.9 | 57.6 | 47.6 | 73.9 | 53.4 | 44.7 |
| September | - | 46.7 | W | 72.6 | 56.1 | 46.3 | 72.6 | 54.5 | 42.7 |
| October | - | 45.2 | W | 71.8 | 56.2 | 44.8 | 71.8 | 54.8 | 42.2 |
| November | - | 46.8 | W | 74.8 | 59.4 | 46.3 | 74.8 | 56.2 | 44.7 |
| December | - | 53.3 | W | 79.6 | 61.0 | 51.7 | 79.6 | 59.8 | 50.9 |
| **1988 Average** | - | **49.4** | **46.8** | **80.1** | **59.4** | **50.4** | **80.1** | **57.3** | **48.0** |
| **District of Columbia** | | | | | | | | | |
| January | - | 53.7 | 53.1 | 95.8 | 65.7 | 53.1 | 95.8 | 64.6 | 53.1 |
| February | - | 50.3 | 50.4 | 96.0 | 62.7 | 49.0 | 96.0 | 62.1 | 49.8 |
| March | - | 48.2 | 48.1 | 93.1 | 59.0 | 48.1 | 93.1 | 58.6 | 48.1 |
| April | - | 51.1 | 50.9 | 91.8 | 59.0 | 52.4 | 91.8 | 58.2 | 51.5 |
| May | - | 50.8 | 51.3 | 93.9 | 58.9 | 51.8 | 93.9 | 58.1 | 51.4 |
| June | - | W | 46.1 | 89.7 | 52.4 | W | 89.7 | 52.1 | 46.2 |
| July | - | 44.4 | 45.0 | 87.6 | 48.0 | W | 87.6 | 47.9 | 44.6 |
| August | - | 45.5 | 46.4 | 85.9 | 50.2 | W | 85.9 | 49.9 | 45.8 |
| September | - | W | 43.8 | 85.8 | 52.7 | 42.6 | 85.8 | 52.1 | 43.2 |
| October | - | 43.8 | 41.9 | 84.1 | 53.2 | W | 84.1 | 52.5 | 42.4 |
| November | - | 46.6 | 46.6 | 85.6 | 55.4 | 44.3 | 85.6 | 54.9 | 45.5 |
| December | - | 51.9 | 51.7 | 89.8 | 59.0 | 50.3 | 89.8 | 58.7 | 50.9 |
| **1988 Average** | - | **49.4** | **48.7** | **91.6** | **57.8** | **48.9** | **91.6** | **57.3** | **48.8** |

See footnotes at end of table.

# Table 35. No. 2 Distillate Prices by Seller Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Refiners and Gas Plant Operators | | | Resellers and Retailers | | | All Sellers | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | To Residential Consumers[a] | To Non-Residential End Users | | To Residential Consumers[a] | To Non-Residential End Users | | To Residential Consumers[a] | To Non-Residential End Users | |
| **Maryland** | | | | | | | | | |
| January | W | 54.0 | 53.5 | 90.9 | 65.7 | 62.1 | 90.9 | 61.9 | 56.2 |
| February | W | 50.7 | 50.5 | 90.3 | 64.0 | 61.6 | 90.3 | 59.8 | 54.0 |
| March | - | 49.5 | 48.5 | 88.2 | 62.8 | 58.2 | 88.2 | 57.4 | 51.3 |
| April | W | 50.3 | 51.7 | 89.1 | 64.0 | 61.3 | 89.1 | 57.2 | 55.1 |
| May | - | 49.6 | 52.1 | 87.9 | 62.6 | 54.5 | 87.9 | 56.0 | 53.0 |
| June | - | 45.9 | 48.2 | 86.8 | 56.2 | 52.7 | 86.8 | 52.1 | 50.1 |
| July | W | 44.1 | 44.7 | 85.0 | 56.3 | 44.6 | 85.0 | 50.2 | 44.7 |
| August | W | 44.2 | 45.8 | 84.2 | 58.0 | 46.6 | 84.2 | 49.6 | 46.2 |
| September | W | 44.0 | 44.3 | 76.0 | 57.2 | 46.4 | 76.0 | 51.1 | 45.3 |
| October | W | 43.2 | 42.8 | 78.3 | 57.1 | 48.4 | 78.3 | 50.7 | 45.2 |
| November | W | 45.7 | 46.5 | 81.3 | 57.6 | 48.3 | 81.3 | 52.1 | 47.1 |
| December | W | 49.8 | 51.1 | 85.0 | 61.2 | 54.5 | 85.0 | 56.3 | 52.4 |
| **1988 Average** | W | **47.3** | **49.1** | **87.0** | **60.5** | **53.6** | **87.0** | **54.6** | **50.8** |
| **New Jersey** | | | | | | | | | |
| January | W | 57.4 | 53.1 | 88.3 | 64.9 | 51.3 | 88.1 | 61.6 | 52.2 |
| February | W | 54.3 | 50.2 | 87.9 | 63.1 | 49.3 | 87.7 | 59.2 | 49.8 |
| March | W | 52.9 | 47.8 | 87.0 | 59.7 | 47.0 | 86.8 | 57.0 | 47.4 |
| April | W | 54.4 | 50.3 | 86.1 | 61.8 | 50.0 | 85.8 | 58.4 | 50.2 |
| May | 81.0 | 55.1 | 51.7 | 85.6 | 59.7 | 51.3 | 85.4 | 57.8 | 51.5 |
| June | 76.5 | 49.4 | 46.7 | 82.8 | 57.4 | 47.8 | 82.5 | 53.5 | 47.2 |
| July | W | 46.5 | 42.7 | 81.1 | 54.1 | 44.0 | 80.9 | 50.6 | 43.2 |
| August | W | 46.5 | 44.1 | 79.3 | 55.5 | 44.6 | 78.6 | 50.0 | 44.3 |
| September | W | 46.5 | 42.3 | 76.7 | 52.2 | 43.5 | 76.3 | 49.5 | 42.7 |
| October | W | 44.4 | 40.8 | 78.0 | 53.4 | 42.4 | 77.8 | 49.4 | 41.6 |
| November | W | 47.6 | 44.9 | 79.1 | 56.6 | 46.0 | 78.8 | 52.9 | 45.4 |
| December | W | 53.5 | 50.7 | 84.2 | 60.5 | 51.1 | 84.0 | 57.9 | 50.9 |
| **1988 Average** | **80.4** | **50.9** | **48.1** | **85.1** | **58.9** | **48.3** | **84.8** | **55.4** | **48.2** |
| **New York** | | | | | | | | | |
| January | 81.3 | 60.7 | 55.5 | 89.9 | 73.1 | 54.0 | 89.1 | 69.8 | 54.7 |
| February | 81.5 | 58.0 | 52.6 | 89.1 | 71.4 | 52.9 | 88.4 | 67.5 | 52.7 |
| March | 80.3 | 57.2 | 50.3 | 88.0 | 70.2 | 51.2 | 87.3 | 66.2 | 50.8 |
| April | 78.2 | 56.6 | 53.3 | 87.5 | 70.4 | 52.8 | 86.7 | 66.5 | 53.1 |
| May | 76.8 | 57.8 | 53.9 | 85.7 | 70.3 | 53.5 | 84.9 | 66.6 | 53.7 |
| June | 74.1 | 55.2 | 49.6 | 84.3 | 66.0 | 49.9 | 83.5 | 62.7 | 49.8 |
| July | 72.1 | 49.4 | 45.2 | 82.8 | 65.6 | 46.6 | 81.7 | 59.8 | 45.8 |
| August | 68.5 | 50.2 | 46.3 | 79.4 | 64.4 | 46.9 | 78.0 | 58.7 | 46.6 |
| September | 68.7 | 51.2 | 44.5 | 84.8 | 60.6 | 46.6 | 83.0 | 57.6 | 45.5 |
| October | 68.1 | 47.6 | 42.4 | 83.0 | 61.7 | 43.9 | 81.7 | 56.9 | 43.2 |
| November | 69.0 | 50.6 | 46.5 | 84.5 | 64.2 | 47.4 | 83.3 | 60.1 | 46.9 |
| December | 73.2 | 56.2 | 52.3 | 89.1 | 68.9 | 54.6 | 87.8 | 65.4 | 53.4 |
| **1988 Average** | **76.0** | **54.2** | **50.2** | **87.3** | **67.8** | **50.9** | **86.3** | **63.6** | **50.6** |
| **Pennsylvania** | | | | | | | | | |
| January | 80.4 | 60.3 | 53.9 | 83.0 | 63.6 | 54.9 | 82.9 | 62.6 | 54.4 |
| February | 80.6 | 57.8 | 50.5 | 82.1 | 62.0 | 51.3 | 82.0 | 60.4 | 50.9 |
| March | 78.0 | 54.3 | 48.3 | 81.3 | 60.0 | 49.7 | 81.1 | 58.0 | 48.9 |
| April | 75.9 | 55.0 | 51.7 | 80.9 | 61.8 | 52.3 | 80.5 | 58.9 | 52.0 |
| May | 75.8 | 56.5 | 51.7 | 79.4 | 61.7 | 53.5 | 79.1 | 59.5 | 52.5 |
| June | 74.9 | 54.6 | 47.5 | 74.6 | 57.6 | 49.0 | 74.6 | 56.4 | 48.2 |
| July | 66.8 | 51.8 | 43.8 | 71.9 | 54.9 | 45.5 | 71.1 | 53.7 | 44.5 |
| August | 65.3 | 50.9 | 44.8 | 63.7 | 54.6 | 45.8 | 63.9 | 53.1 | 45.3 |
| September | 65.2 | 50.5 | 42.8 | 69.1 | 56.1 | 44.2 | 68.6 | 53.8 | 43.3 |
| October | 66.5 | 49.0 | 41.6 | 69.8 | 53.6 | 43.2 | 69.5 | 51.9 | 42.1 |
| November | 67.8 | 51.5 | 45.7 | 71.2 | 55.8 | 46.4 | 70.9 | 54.3 | 46.0 |
| December | 72.6 | 54.6 | 51.4 | 76.8 | 57.8 | 51.3 | 76.5 | 56.9 | 51.4 |
| **1988 Average** | **74.1** | **53.9** | **48.1** | **78.1** | **58.3** | **49.6** | **77.8** | **56.7** | **48.7** |

See footnotes at end of table.

## Table 35. No. 2 Distillate Prices by Seller Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Refiners and Gas Plant Operators | | | Resellers and Retailers | | | All Sellers | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | To Residential Consumers[a] | To Non-Residential End Users | | To Residential Consumers[a] | To Non-Residential End Users | | To Residential Consumers[a] | To Non-Residential End Users | |
| **Subdistrict IC Average[b]** | | | | | | | | | |
| January | W | 54.2 | 51.4 | 80.4 | 61.1 | 55.0 | 80.4 | 57.9 | 52.3 |
| February | W | 51.2 | 48.1 | 80.2 | 59.5 | 52.7 | 80.1 | 55.6 | 49.3 |
| March | W | 49.9 | 47.0 | 80.3 | 59.3 | 52.3 | 80.3 | 55.2 | 48.3 |
| April | 70.8 | 52.9 | 50.9 | 80.7 | 60.2 | 55.5 | 80.7 | 56.8 | 52.1 |
| May | W | 52.4 | 49.8 | 80.1 | 59.7 | 54.4 | 80.0 | 56.3 | 51.1 |
| June | W | 49.5 | 46.4 | 77.1 | 57.3 | 51.6 | 77.1 | 53.7 | 47.8 |
| July | W | 46.9 | 43.9 | 75.6 | 55.7 | 49.0 | 75.5 | 51.5 | 45.3 |
| August | W | 47.4 | 44.8 | 74.5 | 55.6 | 49.2 | 74.4 | 51.7 | 46.1 |
| September | W | 46.4 | 43.3 | 74.6 | 56.3 | 48.9 | 74.6 | 51.1 | 45.0 |
| October | W | 45.3 | 41.7 | 75.4 | 56.3 | 48.7 | 75.4 | 51.1 | 43.7 |
| November | W | 47.6 | 45.3 | 76.7 | 57.4 | 50.7 | 76.7 | 52.5 | 47.1 |
| December | W | 51.7 | 50.2 | 79.7 | 59.9 | 54.1 | 79.7 | 55.9 | 51.3 |
| **1988 Average** | W | **49.6** | **47.0** | **78.7** | **58.2** | **51.8** | **78.6** | **54.1** | **48.3** |
| **Virginia** | | | | | | | | | |
| January | W | 53.1 | 51.8 | 82.7 | 63.3 | 54.0 | 82.7 | 59.0 | 52.2 |
| February | W | 49.7 | 48.3 | 83.4 | 61.4 | 50.3 | 83.4 | 56.5 | 48.7 |
| March | W | 48.8 | 46.9 | 83.8 | 60.5 | 50.0 | 83.8 | 55.8 | 47.5 |
| April | W | 51.9 | 50.9 | 83.0 | 60.3 | 53.3 | 83.0 | 56.6 | 51.3 |
| May | W | 51.2 | 49.7 | 81.7 | 58.9 | 52.4 | 81.7 | 55.7 | 50.2 |
| June | W | 47.8 | 46.1 | 79.1 | 57.0 | 50.9 | 79.1 | 53.1 | 46.9 |
| July | W | 45.1 | 44.6 | 77.3 | 54.8 | 47.4 | 77.3 | 50.8 | 45.2 |
| August | W | 46.3 | 44.7 | 77.0 | 54.6 | 47.6 | 77.0 | 51.2 | 45.3 |
| September | W | 45.1 | 43.1 | 75.8 | 58.0 | 44.7 | 75.8 | 52.3 | 43.6 |
| October | W | 44.1 | 41.6 | 74.8 | 57.7 | 43.9 | 74.8 | 52.1 | 42.2 |
| November | W | 46.7 | 45.4 | 77.1 | 58.2 | 47.1 | 77.1 | 53.5 | 45.8 |
| December | W | 51.7 | 50.4 | 79.6 | 61.6 | 51.7 | 79.6 | 57.7 | 50.6 |
| **1988 Average** | W | **48.5** | **47.3** | **80.5** | **58.9** | **49.2** | **80.5** | **54.6** | **47.7** |
| **West Virginia** | | | | | | | | | |
| January | W | 58.6 | 53.5 | 79.2 | 62.5 | 62.1 | 78.7 | 61.1 | 55.9 |
| February | W | 56.3 | 50.5 | 76.6 | 63.2 | 64.8 | 76.1 | 60.3 | 55.5 |
| March | W | 54.4 | 49.7 | 76.3 | 62.5 | 59.8 | 75.6 | 59.4 | 53.5 |
| April | W | 57.8 | 52.4 | 75.4 | 64.1 | 61.1 | 74.6 | 61.5 | 55.4 |
| May | W | 57.2 | 51.9 | 74.4 | 63.4 | 60.1 | 73.6 | 60.8 | 54.1 |
| June | W | 55.7 | 49.4 | 72.6 | 59.9 | 56.5 | 71.8 | 58.4 | 51.8 |
| July | W | 53.3 | 45.7 | 71.8 | 57.5 | 57.1 | 70.3 | 55.9 | 49.1 |
| August | W | 51.2 | 47.1 | 68.5 | 58.5 | 56.0 | 67.9 | 55.2 | 49.9 |
| September | W | 52.2 | 47.2 | 69.8 | 57.2 | 56.2 | 69.3 | 55.1 | 49.5 |
| October | W | 51.1 | 45.8 | 71.6 | 56.9 | 53.6 | 71.3 | 54.6 | 47.8 |
| November | W | 53.4 | 48.8 | 74.3 | 57.9 | 53.6 | 74.1 | 56.1 | 50.1 |
| December | W | 56.4 | 51.9 | 74.2 | 59.5 | 59.5 | 73.9 | 58.5 | 53.7 |
| **1988 Average** | W | **54.7** | **49.5** | **74.7** | **60.1** | **58.6** | **74.2** | **58.0** | **52.2** |
| **PAD District II Average[b]** | | | | | | | | | |
| January | W | 53.8 | 50.9 | 77.2 | 62.5 | 53.8 | 77.1 | 59.0 | 51.7 |
| February | W | 50.7 | 48.1 | 76.3 | 61.0 | 52.0 | 76.2 | 56.7 | 49.2 |
| March | 67.8 | 50.1 | 48.9 | 75.6 | 62.0 | 52.2 | 75.5 | 57.9 | 49.8 |
| April | 68.8 | 54.7 | 53.4 | 77.0 | 64.6 | 55.3 | 76.9 | 60.8 | 54.0 |
| May | 67.7 | 53.6 | 51.5 | 75.2 | 63.3 | 53.5 | 75.1 | 59.8 | 52.1 |
| June | 64.5 | 50.0 | 47.6 | 73.6 | 60.0 | 50.8 | 73.4 | 56.5 | 48.4 |
| July | 62.4 | 47.2 | 45.0 | 72.3 | 58.6 | 48.9 | 72.1 | 54.4 | 46.0 |
| August | 62.7 | 47.8 | 46.2 | 71.8 | 57.9 | 49.4 | 71.7 | 54.1 | 47.1 |
| September | W | 47.3 | 45.1 | 71.1 | 57.1 | 47.7 | 70.9 | 53.9 | 45.9 |
| October | W | 46.3 | 43.9 | 70.6 | 56.9 | 47.1 | 70.6 | 53.5 | 44.8 |
| November | 67.5 | 49.2 | 47.2 | 71.8 | 57.3 | 49.1 | 71.7 | 54.4 | 47.7 |
| December | 69.4 | 52.0 | 50.0 | 73.4 | 59.5 | 52.2 | 73.4 | 56.6 | 50.6 |
| **1988 Average** | W | **50.1** | **48.0** | **74.4** | **59.9** | **51.0** | **74.3** | **56.3** | **48.9** |

See footnotes at end of table.

# Table 35. No. 2 Distillate Prices by Seller Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Refiners and Gas Plant Operators | | | Resellers and Retailers | | | All Sellers | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | To Residential Consumers[a] | To Non-Residential End Users | | To Residential Consumers[a] | To Non-Residential End Users | | To Residential Consumers[a] | To Non-Residential End Users | |
| **Illinois** | | | | | | | | | |
| January | W | 52.9 | 50.2 | 85.4 | 62.2 | 54.0 | 85.4 | 59.2 | 51.5 |
| February | W | 50.0 | 47.5 | 86.1 | 61.7 | 51.4 | 86.1 | 57.4 | 48.8 |
| March | W | 49.3 | 48.6 | 86.2 | 62.0 | 52.6 | 86.1 | 57.8 | 49.9 |
| April | W | 55.1 | 53.2 | 87.4 | 64.6 | 56.7 | 87.4 | 62.0 | 54.8 |
| May | W | 52.6 | 51.4 | 86.8 | 62.7 | 54.2 | 86.7 | 60.0 | 52.6 |
| June | - | 48.0 | 46.7 | 82.9 | 57.1 | 51.9 | 82.9 | 54.6 | 48.5 |
| July | W | 45.4 | 44.3 | 83.9 | 55.7 | 47.8 | 83.8 | 52.4 | 45.4 |
| August | W | 46.3 | 45.9 | 80.4 | 56.0 | 49.2 | 80.3 | 52.8 | 47.2 |
| September | W | 46.4 | 45.1 | 68.7 | 57.3 | 48.9 | 68.6 | 54.7 | 46.5 |
| October | W | 45.3 | 43.4 | 69.4 | 55.9 | 47.0 | 69.4 | 53.8 | 44.7 |
| November | W | 48.4 | 46.4 | 70.6 | 55.9 | 48.4 | 70.6 | 54.2 | 47.1 |
| December | W | 51.8 | 49.4 | 73.1 | 58.2 | 50.7 | 73.1 | 56.7 | 49.8 |
| **1988 Average** | W | **49.2** | **47.6** | **77.7** | **58.7** | **51.2** | **77.6** | **56.1** | **48.9** |
| **Indiana** | | | | | | | | | |
| January | W | 53.0 | 50.8 | 78.3 | 60.0 | 52.6 | 78.3 | 57.1 | 51.1 |
| February | W | 49.6 | 47.9 | 76.7 | 60.2 | 49.6 | 76.7 | 55.4 | 48.2 |
| March | W | 48.6 | 48.4 | 77.4 | 61.6 | 49.5 | 77.4 | 56.0 | 48.6 |
| April | W | 54.1 | 54.1 | 79.0 | 69.0 | 54.2 | 79.0 | 62.5 | 54.1 |
| May | W | 53.0 | 52.4 | 76.6 | 64.2 | 51.6 | 76.6 | 59.8 | 52.2 |
| June | - | 48.2 | 46.7 | 80.1 | 57.1 | 48.8 | 80.1 | 53.3 | 47.1 |
| July | W | 45.4 | 44.4 | 74.2 | 57.4 | 47.1 | 74.0 | 51.5 | 45.1 |
| August | W | 46.1 | 45.8 | 74.2 | 55.7 | 47.8 | 74.1 | 51.3 | 46.2 |
| September | W | 46.4 | 45.4 | 69.6 | 55.7 | 47.0 | 69.5 | 52.6 | 46.0 |
| October | W | 45.0 | 43.6 | 71.3 | 55.1 | 45.8 | 71.2 | 51.4 | 44.3 |
| November | W | 48.2 | 47.1 | 72.1 | 57.0 | 48.1 | 72.1 | 53.6 | 47.4 |
| December | W | 50.4 | 50.1 | 75.3 | 61.2 | 53.2 | 75.3 | 56.0 | 51.0 |
| **1988 Average** | W | **48.9** | **48.0** | **75.5** | **59.3** | **49.2** | **75.4** | **55.0** | **48.3** |
| **Michigan** | | | | | | | | | |
| January | - | 56.4 | 53.5 | 81.2 | 68.8 | 56.1 | 81.2 | 64.6 | 54.2 |
| February | - | 51.8 | 49.0 | 80.9 | 65.9 | 55.8 | 80.9 | 60.8 | 51.0 |
| March | - | 50.7 | 49.4 | 78.2 | 68.5 | 55.9 | 78.2 | 62.4 | 51.1 |
| April | - | 55.0 | 55.8 | 78.8 | 69.2 | 57.8 | 78.8 | 63.8 | 56.4 |
| May | - | 54.2 | 53.8 | 77.5 | 68.6 | 55.0 | 77.5 | 63.2 | 54.1 |
| June | - | 50.9 | 48.5 | 73.7 | 64.5 | 52.8 | 73.7 | 59.7 | 49.7 |
| July | W | 47.6 | 45.8 | 73.3 | 63.6 | 52.7 | 73.3 | 57.7 | 47.7 |
| August | - | 47.9 | 46.8 | 73.9 | 64.4 | 52.7 | 73.9 | 58.1 | 48.4 |
| September | - | 47.5 | 46.5 | 74.2 | 62.5 | 50.8 | 74.2 | 57.8 | 47.6 |
| October | - | 47.2 | 45.7 | 75.4 | 64.3 | 51.6 | 75.4 | 58.8 | 47.3 |
| November | - | 50.7 | 49.0 | 75.6 | 62.7 | 52.5 | 75.6 | 58.6 | 49.9 |
| December | - | 52.5 | 51.1 | 77.0 | 64.7 | 55.9 | 77.0 | 60.1 | 52.4 |
| **1988 Average** | W | **50.9** | **49.5** | **77.5** | **65.4** | **54.2** | **77.5** | **60.3** | **50.8** |
| **Minnesota** | | | | | | | | | |
| January | W | 53.1 | 50.8 | 75.5 | 62.0 | 51.5 | 75.5 | 58.8 | 50.9 |
| February | - | 50.5 | 48.3 | 74.4 | 63.6 | 48.5 | 74.4 | 59.7 | 48.4 |
| March | - | 49.6 | 50.2 | 72.6 | 64.9 | 51.5 | 72.6 | 61.2 | 50.5 |
| April | - | 52.8 | 54.1 | 73.1 | 65.4 | 54.2 | 73.1 | 61.5 | 54.1 |
| May | - | 51.2 | 52.0 | 74.3 | 66.1 | 51.5 | 74.3 | 62.1 | 51.9 |
| June | - | 48.6 | 49.2 | 73.5 | 64.2 | 48.8 | 73.5 | 60.1 | 49.1 |
| July | - | 47.0 | 46.3 | 75.7 | 61.1 | 49.0 | 75.7 | 57.4 | 46.9 |
| August | - | 47.0 | 47.0 | 72.2 | 61.5 | 47.9 | 72.2 | 57.5 | 47.2 |
| September | - | 46.9 | 46.1 | 72.4 | 60.3 | 46.5 | 72.4 | 56.5 | 46.2 |
| October | - | 45.4 | 45.2 | 71.1 | 61.7 | 48.1 | 71.1 | 57.1 | 45.9 |
| November | - | 48.4 | 48.1 | 72.7 | 61.8 | 50.5 | 72.7 | 57.6 | 48.8 |
| December | - | 49.8 | 50.0 | 73.0 | 65.8 | 53.5 | 73.0 | 59.2 | 50.8 |
| **1988 Average** | W | **49.1** | **48.8** | **73.5** | **63.1** | **50.0** | **73.5** | **59.0** | **49.1** |

See footnotes at end of table.

## Table 35. No. 2 Distillate Prices by Seller Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Refiners and Gas Plant Operators | | | Resellers and Retailers | | | All Sellers | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | To Residential Consumers[a] | To Non-Residential End Users | | To Residential Consumers[a] | To Non-Residential End Users | | To Residential Consumers[a] | To Non-Residential End Users | |
| **Ohio** | | | | | | | | | |
| January | W | 58.5 | 54.2 | 77.5 | 62.5 | 55.0 | 77.2 | 60.3 | 54.5 |
| February | W | 55.1 | 50.8 | 77.5 | 60.6 | 54.0 | 77.1 | 57.5 | 51.9 |
| March | W | 53.2 | 50.2 | 76.6 | 59.9 | 51.3 | 76.1 | 56.2 | 50.5 |
| April | W | 57.2 | 54.7 | 77.4 | 63.7 | 56.0 | 77.1 | 60.2 | 55.1 |
| May | W | 57.1 | 53.4 | 74.8 | 62.1 | 53.5 | 74.5 | 59.5 | 53.5 |
| June | W | 53.5 | 48.6 | 72.2 | 59.4 | 49.8 | 71.9 | 56.2 | 48.9 |
| July | W | 50.7 | 45.9 | 70.5 | 57.8 | 47.1 | 70.0 | 53.7 | 46.2 |
| August | W | 51.0 | 47.8 | 69.6 | 56.9 | 48.5 | 69.2 | 53.6 | 48.0 |
| September | W | 50.4 | 47.1 | 72.3 | 56.1 | 46.9 | 72.0 | 52.3 | 47.0 |
| October | W | 49.6 | 45.7 | 71.5 | 55.8 | 47.0 | 71.2 | 51.7 | 46.1 |
| November | W | 52.6 | 50.5 | 73.3 | 58.9 | 50.1 | 73.0 | 54.7 | 50.4 |
| December | W | 55.6 | 53.3 | 75.5 | 61.2 | 52.6 | 75.2 | 57.3 | 53.1 |
| **1988 Average** | W | **53.6** | **50.3** | **75.1** | **59.8** | **51.4** | **74.7** | **56.2** | **50.7** |
| **Wisconsin** | | | | | | | | | |
| January | - | 53.0 | 51.4 | 76.9 | 64.3 | 53.5 | 76.9 | 61.6 | 51.9 |
| February | - | 49.0 | 48.2 | 76.0 | 60.8 | 51.5 | 76.0 | 58.5 | 48.9 |
| March | - | 49.2 | 49.3 | 75.8 | 61.6 | 50.9 | 75.8 | 59.4 | 49.6 |
| April | - | 56.0 | 55.2 | 77.7 | 62.8 | 56.3 | 77.7 | 61.7 | 55.5 |
| May | - | 53.2 | 51.9 | 76.8 | 62.8 | 54.6 | 76.8 | 61.3 | 52.6 |
| June | - | 48.5 | 48.0 | 74.6 | 60.7 | 49.4 | 74.6 | 58.4 | 48.4 |
| July | - | 45.8 | 44.5 | 72.7 | 60.4 | 46.7 | 72.7 | 57.2 | 45.1 |
| August | - | 46.3 | 46.1 | 71.2 | 57.3 | 48.2 | 71.2 | 54.6 | 46.6 |
| September | - | 45.4 | 44.6 | 68.8 | 57.9 | 46.3 | 68.8 | 55.7 | 45.1 |
| October | - | 44.6 | 43.3 | 68.0 | 56.1 | 45.9 | 68.0 | 54.0 | 44.1 |
| November | - | 47.7 | 46.9 | 69.9 | 57.2 | 48.8 | 69.9 | 55.4 | 47.5 |
| December | - | 50.1 | 49.4 | 71.6 | 59.5 | 52.7 | 71.6 | 57.3 | 50.4 |
| **1988 Average** | - | **48.8** | **48.0** | **73.9** | **60.0** | **50.1** | **73.9** | **57.8** | **48.6** |
| **PAD District III Average** | | | | | | | | | |
| January | - | 51.7 | 48.8 | 64.4 | 58.2 | 46.4 | 64.4 | 55.4 | 47.7 |
| February | - | 49.5 | 46.1 | 61.3 | 56.7 | 47.2 | 61.3 | 53.9 | 46.4 |
| March | - | 48.6 | 45.3 | 61.2 | 57.2 | 46.4 | 61.2 | 54.1 | 45.5 |
| April | - | 51.0 | 47.4 | 61.6 | 58.6 | 47.5 | 61.6 | 55.6 | 47.4 |
| May | - | 51.1 | 47.6 | 62.4 | 59.1 | 47.7 | 62.4 | 55.9 | 47.6 |
| June | - | 48.6 | 45.0 | 61.9 | 56.5 | 46.9 | NA | 53.8 | 45.4 |
| July | W | 45.2 | 42.0 | 74.4 | 54.8 | 44.7 | 70.2 | 51.0 | 42.5 |
| August | - | 45.1 | 42.6 | 68.2 | 54.9 | 45.3 | 68.2 | 51.0 | 43.0 |
| September | - | 44.6 | 41.9 | 54.8 | 53.8 | 44.7 | 54.8 | 49.7 | 42.4 |
| October | - | 43.1 | 40.3 | 54.9 | 53.1 | 41.6 | 54.9 | 48.5 | 40.6 |
| November | - | 45.3 | 42.7 | 58.9 | 54.9 | 43.7 | 58.9 | 50.6 | 42.9 |
| December | - | 49.5 | 47.0 | 61.5 | 57.8 | 47.7 | 61.5 | 53.9 | 47.2 |
| **1988 Average** | W | **47.7** | **44.9** | **62.9** | **56.3** | **46.0** | **62.8** | **52.8** | **45.1** |
| **PAD District IV Average[b]** | | | | | | | | | |
| January | - | 54.3 | 54.5 | 73.3 | 67.1 | 60.6 | 73.3 | 60.4 | 55.5 |
| February | - | 50.7 | 51.7 | 71.3 | 65.5 | 58.6 | 71.3 | 57.9 | 52.7 |
| March | - | 51.0 | 52.7 | 70.5 | 65.1 | 58.5 | 70.5 | 58.5 | 53.4 |
| April | - | 54.6 | 55.9 | 73.7 | 66.2 | 61.2 | 73.7 | 60.3 | 56.5 |
| May | - | 55.4 | 56.2 | 72.6 | 66.5 | 61.9 | 72.6 | 60.9 | 57.1 |
| June | - | 51.9 | 52.1 | 71.5 | 64.8 | 57.7 | 71.5 | 58.7 | 52.9 |
| July | - | 48.3 | 48.3 | 70.3 | 62.1 | 54.4 | 70.3 | 55.5 | 49.1 |
| August | - | 47.9 | 48.1 | 67.6 | 62.0 | 53.5 | 67.6 | 55.5 | 48.8 |
| September | - | 46.9 | 47.8 | 67.0 | 61.2 | 53.4 | 67.0 | 54.7 | 48.4 |
| October | - | 46.4 | 47.1 | 67.0 | 60.9 | 51.7 | 67.0 | 54.4 | 47.6 |
| November | - | 47.2 | 48.1 | 66.7 | 60.3 | 53.4 | 66.7 | 53.8 | 48.8 |
| December | - | 48.2 | 48.9 | 66.9 | 60.5 | 54.0 | 66.9 | 54.2 | 49.7 |
| **1988 Average** | - | **50.2** | **50.8** | **69.1** | **63.4** | **56.6** | **69.1** | **57.0** | **51.6** |

See footnotes at end of table.

# Table 35. No. 2 Distillate Prices by Seller Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Refiners and Gas Plant Operators | | | Resellers and Retailers | | | All Sellers | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | To Residential Consumers[a] | To Non-Residential End Users | | To Residential Consumers[a] | To Non-Residential End Users | | To Residential Consumers[a] | To Non-Residential End Users | |
| **Idaho** | | | | | | | | | |
| January | - | 60.7 | 59.5 | 74.4 | 71.4 | 60.6 | 74.4 | 69.0 | 59.8 |
| February | - | 55.5 | 55.0 | 71.7 | 68.2 | 58.6 | 71.7 | 64.9 | 55.8 |
| March | - | 54.7 | 55.4 | 70.6 | 65.9 | 61.0 | 70.6 | 63.8 | 56.4 |
| April | - | W | 59.3 | 73.3 | 69.3 | 64.2 | 73.3 | 66.5 | 60.3 |
| May | - | 59.8 | 60.8 | 71.9 | 69.3 | 63.4 | 71.9 | 67.0 | 61.5 |
| June | - | 57.6 | 57.8 | 70.5 | 67.1 | 60.1 | 70.5 | 64.8 | 58.4 |
| July | - | 52.0 | 51.0 | 67.7 | 63.1 | 57.4 | 67.7 | 60.3 | 52.6 |
| August | - | 50.3 | 49.7 | 64.3 | 62.0 | 54.8 | 64.3 | 59.8 | 50.8 |
| September | - | 50.2 | 50.5 | 67.4 | 61.6 | 56.1 | 67.4 | 59.6 | 51.6 |
| October | - | 49.2 | 50.6 | 66.8 | 60.9 | 55.2 | 66.8 | 58.6 | 51.9 |
| November | - | 49.3 | 50.3 | 66.6 | 61.2 | 55.3 | 66.6 | 57.9 | 51.9 |
| December | - | 49.6 | 51.2 | 66.9 | 61.2 | 56.8 | 66.9 | 58.2 | 53.1 |
| **1988 Average** | **-** | **53.9** | **54.1** | **68.8** | **64.9** | **58.4** | **68.8** | **62.4** | **55.2** |
| **PAD District V Average[b]** | | | | | | | | | |
| January | 81.8 | 53.1 | 51.5 | 80.5 | 63.3 | 54.0 | 80.6 | 58.7 | 51.8 |
| February | W | 53.5 | 51.8 | 79.0 | 63.5 | 56.0 | 79.1 | 59.1 | 52.2 |
| March | 81.1 | 54.2 | 52.4 | 79.2 | 63.6 | 54.3 | 79.3 | 59.7 | 52.7 |
| April | 80.7 | 54.7 | 53.5 | 80.2 | 64.6 | 56.1 | 80.3 | 60.3 | 53.8 |
| May | 81.0 | 54.9 | 52.9 | 79.5 | 63.2 | 55.8 | 79.7 | 59.5 | 53.3 |
| June | 76.8 | 52.2 | 50.0 | 77.9 | 61.0 | 52.3 | 77.8 | 57.4 | 50.3 |
| July | 72.1 | 46.6 | 42.8 | 72.9 | 57.2 | 47.8 | 72.8 | 52.7 | 43.4 |
| August | 67.9 | 46.0 | 44.5 | 71.1 | 58.3 | 49.3 | 70.8 | 53.0 | 45.1 |
| September | 72.2 | 49.1 | 46.6 | 75.0 | 58.4 | 48.5 | 74.9 | 54.8 | 47.0 |
| October | 74.1 | 43.8 | 40.2 | 71.2 | 54.8 | 45.0 | 71.4 | 50.7 | 41.1 |
| November | 72.9 | 43.7 | 41.4 | 72.7 | 55.0 | 45.4 | 72.7 | 50.5 | 42.2 |
| December | 73.0 | 44.3 | 43.7 | 73.7 | 56.4 | 48.8 | 73.7 | 51.6 | 44.7 |
| **1988 Average** | **77.6** | **49.7** | **47.5** | **76.8** | **59.7** | **50.2** | **76.9** | **55.5** | **47.9** |
| **Alaska** | | | | | | | | | |
| January | W | 72.6 | 57.8 | 89.8 | 82.0 | W | 88.3 | 80.4 | 57.8 |
| February | W | 75.3 | 54.0 | 86.6 | 85.3 | W | 85.6 | 83.7 | 54.1 |
| March | 79.9 | 72.5 | 60.6 | 90.3 | 91.0 | W | 88.7 | 87.5 | 60.7 |
| April | W | 70.5 | 57.1 | 87.5 | 91.7 | W | 86.6 | 85.5 | 57.3 |
| May | W | 61.4 | 59.3 | 89.9 | 76.4 | W | 88.9 | 69.8 | 59.2 |
| June | W | 67.7 | 59.1 | 89.0 | 76.9 | W | 88.1 | 74.7 | 59.5 |
| July | W | 65.1 | 56.3 | 86.2 | 78.7 | 63.6 | 85.5 | 75.3 | 57.5 |
| August | 79.2 | 63.7 | 54.3 | 86.8 | 72.6 | W | 85.7 | 68.9 | 54.6 |
| September | 78.1 | 65.5 | 54.5 | 91.2 | 82.5 | 69.7 | 89.7 | 79.5 | 55.7 |
| October | 80.2 | 65.0 | 47.0 | 87.1 | 70.9 | 56.5 | 86.2 | 69.9 | 48.0 |
| November | W | 63.0 | 50.8 | 86.3 | 72.8 | 53.1 | 85.3 | 71.2 | 51.2 |
| December | 77.8 | 66.8 | 56.3 | 86.8 | 72.2 | 67.2 | 85.6 | 71.5 | 57.7 |
| **1988 Average** | **79.4** | **65.7** | **55.6** | **88.0** | **78.5** | **60.1** | **86.9** | **75.5** | **56.1** |
| **Oregon** | | | | | | | | | |
| January | W | 55.0 | 52.8 | 75.7 | 63.9 | 56.0 | 76.0 | 60.7 | 53.5 |
| February | W | 53.8 | 51.6 | 74.6 | 62.9 | 55.4 | 74.9 | 59.7 | 52.3 |
| March | W | 53.6 | 52.2 | 73.0 | 62.1 | 53.9 | 73.5 | 59.0 | 52.5 |
| April | W | 55.2 | 55.3 | 74.7 | 63.3 | 61.2 | 75.0 | 60.2 | 56.5 |
| May | W | 56.4 | 55.7 | 74.3 | 64.0 | 59.4 | 74.6 | 61.3 | 56.5 |
| June | W | 50.3 | 50.0 | 73.6 | 60.1 | 51.5 | 73.9 | 56.9 | 50.3 |
| July | W | 43.0 | 42.1 | 66.0 | 55.4 | 53.0 | 66.4 | 52.1 | 44.0 |
| August | W | 46.3 | 44.0 | 64.2 | 59.7 | 54.8 | 64.3 | 55.7 | 46.0 |
| September | W | 48.8 | 47.1 | 64.5 | 58.1 | 51.9 | 64.8 | 55.3 | 48.3 |
| October | W | 43.4 | 41.9 | 62.0 | 56.4 | 51.4 | 62.4 | 52.5 | 43.7 |
| November | W | 42.9 | 41.7 | 62.9 | 56.6 | 51.1 | 63.4 | 51.8 | 43.4 |
| December | W | 43.9 | 42.9 | 63.7 | 57.1 | 52.0 | 64.2 | 52.2 | 44.8 |
| **1988 Average** | W | **49.5** | **47.7** | **70.5** | **59.8** | **54.1** | **70.9** | **56.3** | **48.9** |

See footnotes at end of table.

## Table 35. No. 2 Distillate Prices by Seller Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Refiners and Gas Plant Operators | | | Resellers and Retailers | | | All Sellers | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | To Residential Consumers[a] | To Non-Residential End Users | | To Residential Consumers[a] | To Non-Residential End Users | | To Residential Consumers[a] | To Non-Residential End Users | |
| **Washington** | | | | | | | | | |
| January | W | 53.6 | 52.9 | 83.2 | 65.0 | 67.6 | 83.2 | 60.3 | 53.5 |
| February | W | 52.5 | 51.3 | 82.1 | 64.4 | 64.7 | 82.1 | 59.5 | 51.8 |
| March | W | 51.8 | 50.2 | 81.3 | 64.2 | 64.5 | 81.3 | 59.3 | 50.7 |
| April | W | 54.3 | 54.5 | 82.1 | 65.1 | 66.3 | 82.1 | 60.3 | 54.9 |
| May | W | 54.6 | 54.3 | 82.4 | 65.0 | 62.8 | 82.3 | 59.9 | 54.6 |
| June | W | 50.3 | 49.4 | 78.5 | 61.7 | 53.5 | 78.0 | 56.7 | 49.8 |
| July | W | 44.6 | 41.5 | 74.4 | 58.4 | 47.6 | 73.5 | 50.9 | 41.7 |
| August | W | 43.0 | 44.1 | 71.8 | 57.9 | 51.0 | 70.1 | 50.5 | 44.7 |
| September | W | 47.5 | 45.7 | 74.3 | 59.0 | 47.5 | 73.9 | 53.6 | 46.1 |
| October | W | 41.5 | 40.1 | 71.2 | 56.9 | 48.3 | 71.0 | 49.9 | 40.9 |
| November | W | 43.6 | 41.4 | 73.7 | 56.9 | 52.5 | 73.4 | 51.0 | 42.9 |
| December | W | 43.0 | 43.6 | 75.9 | 56.5 | 51.5 | 75.7 | 50.6 | 44.4 |
| **1988 Average** | W | **48.2** | **47.3** | **78.6** | **61.0** | **53.2** | **78.5** | **55.2** | **47.7** |

[a] No. 2 fuel oil only.
[b] Values do not equal average of States' prices because some State data used for PAD District averages are not sufficient for publication at the State level.
Dashes (-) = No data reported.
NA = Not Available.
W = Withheld to avoid disclosure of individual company data.
Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

# Table 36. No. 2 Distillate Prices by Sales Type and Selected States
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Sales to End Users | | | | | | Sales for Resale |
|---|---|---|---|---|---|---|---|
| | To Residential Consumers[a] | To Commercial/ Institutional Consumers | To Industrial Consumers | Sales Through Company-Operated Retail Outlets[b] | To Other End Users[c] | Average | |
| **U.S. Average** | | | | | | | |
| January | 84.7 | 57.4 | 58.3 | 65.2 | 60.1 | 69.3 | 52.0 |
| February | 83.9 | 54.4 | 56.5 | 63.5 | 59.4 | 66.6 | 49.8 |
| March | 83.1 | 53.4 | 55.6 | 62.6 | 61.2 | 64.0 | 49.1 |
| April | 83.1 | 55.6 | 58.1 | 63.8 | 63.2 | 63.9 | 51.8 |
| May | 81.9 | 54.7 | 57.2 | 64.1 | 62.1 | 61.6 | 51.4 |
| June | 79.1 | 51.2 | 54.4 | 62.4 | 59.4 | 57.7 | 48.1 |
| July | 76.7 | 47.9 | 51.2 | 60.9 | 56.6 | 54.8 | 44.6 |
| August | 73.7 | 48.3 | 51.1 | 60.1 | 56.2 | 54.7 | 45.4 |
| September | 75.9 | 48.4 | 51.2 | 59.2 | 56.9 | 55.8 | 44.8 |
| October | 75.5 | 47.3 | 50.4 | 58.4 | 56.2 | 56.4 | 42.8 |
| November | 77.2 | 49.9 | 52.5 | 59.0 | 55.6 | 59.2 | 45.6 |
| December | 81.4 | 54.0 | 55.4 | 61.4 | 57.1 | 64.9 | 50.1 |
| **1988 Average** | **81.3** | **51.9** | **54.2** | **61.6** | **58.7** | **61.2** | **48.2** |
| **PAD District I Average** | | | | | | | |
| January | 86.1 | 61.3 | 61.0 | 68.0 | 61.3 | 76.2 | 54.2 |
| February | 85.4 | 57.8 | 59.0 | 65.7 | 60.2 | 73.9 | 51.0 |
| March | 84.5 | 55.8 | 57.3 | 63.7 | 60.3 | 70.7 | 49.3 |
| April | 84.1 | 56.9 | 59.0 | 64.6 | 62.0 | 69.2 | 52.3 |
| May | 83.0 | 56.0 | 58.6 | 65.5 | 60.7 | 65.7 | 52.3 |
| June | 80.2 | 52.1 | 55.0 | 64.6 | 56.9 | 60.1 | 48.4 |
| July | 77.7 | 49.0 | 51.8 | 63.9 | 54.0 | 57.4 | 44.8 |
| August | 74.1 | 49.8 | 52.1 | 63.0 | 53.1 | 57.2 | 45.7 |
| September | 77.1 | 49.8 | 52.1 | 61.3 | 55.6 | 59.8 | 44.3 |
| October | 76.8 | 49.9 | 51.4 | 60.9 | 55.0 | 62.1 | 42.9 |
| November | 78.5 | 53.0 | 53.7 | 61.6 | 55.5 | 65.8 | 46.4 |
| December | 83.1 | 58.7 | 58.5 | 63.8 | 56.5 | 72.0 | 51.9 |
| **1988 Average** | **82.7** | **54.6** | **55.8** | **64.0** | **57.4** | **67.7** | **49.3** |
| **Subdistrict IA Average** | | | | | | | |
| January | 85.5 | 66.4 | 67.3 | 75.5 | 63.6 | 80.7 | 56.4 |
| February | 84.6 | 62.1 | 64.6 | 73.3 | 63.8 | 78.8 | 52.2 |
| March | 83.4 | 61.2 | 61.4 | 72.4 | 60.5 | 76.9 | 50.8 |
| April | 83.3 | 63.5 | 63.6 | 72.5 | 63.1 | 77.0 | 53.3 |
| May | 82.6 | 63.7 | 63.1 | 73.2 | 60.6 | 73.8 | 53.6 |
| June | 80.2 | 58.7 | 58.8 | 71.8 | 58.4 | 68.5 | 49.3 |
| July | 78.0 | 51.7 | 56.7 | 71.1 | 57.6 | 64.1 | 45.5 |
| August | 76.8 | 55.1 | 56.9 | 69.7 | 57.5 | 65.8 | 46.0 |
| September | 78.3 | 57.8 | 56.1 | 70.8 | 59.2 | 69.3 | 44.7 |
| October | 76.7 | 57.3 | 55.9 | 69.8 | 55.1 | 70.1 | 42.9 |
| November | 77.8 | 59.7 | 59.2 | 70.6 | 55.3 | 72.3 | 46.4 |
| December | 82.5 | 65.1 | 63.9 | 72.6 | 60.5 | 78.2 | 52.6 |
| **1988 Average** | **82.1** | **60.9** | **60.5** | **72.0** | **60.0** | **75.1** | **50.5** |
| **Connecticut** | | | | | | | |
| January | 88.9 | 66.2 | 68.0 | 75.2 | 65.5 | 83.1 | 56.3 |
| February | 89.0 | 64.4 | 65.0 | 74.5 | 64.9 | 82.6 | 52.3 |
| March | 87.4 | 61.5 | 62.0 | 73.9 | 63.8 | 79.6 | 50.7 |
| April | 88.1 | 62.6 | 62.5 | NA | 63.3 | 78.9 | 52.8 |
| May | 87.6 | 63.1 | 61.7 | NA | 64.1 | 76.8 | 53.8 |
| June | 86.4 | 59.2 | 56.6 | 76.2 | 60.0 | 70.6 | 49.8 |
| July | 83.5 | 49.0 | 53.9 | 76.4 | 58.5 | 60.6 | 45.4 |
| August | 81.9 | 55.4 | 52.8 | 75.0 | 56.3 | 65.8 | 45.2 |
| September | 80.8 | 54.8 | 57.2 | 71.7 | 57.9 | 69.6 | 46.1 |
| October | 79.9 | 55.1 | 56.8 | 70.8 | 55.1 | 72.2 | 43.1 |
| November | 80.5 | 58.3 | 59.2 | 71.4 | 61.0 | 74.5 | 47.4 |
| December | 84.4 | 65.1 | 63.1 | 71.9 | 63.5 | 79.7 | 53.9 |
| **1988 Average** | **85.3** | **60.0** | **60.2** | **73.3** | **61.8** | **76.9** | **50.9** |

See footnotes at end of table.

## Table 36. No. 2 Distillate Prices by Sales Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Sales to End Users | | | | | | Sales for Resale |
|---|---|---|---|---|---|---|---|
| | To Residential Consumers[a] | To Commercial/ Institutional Consumers | To Industrial Consumers | Sales Through Company-Operated Retail Outlets[b] | To Other End Users[c] | Average | |
| **Maine** | | | | | | | |
| January | 80.3 | 69.9 | 67.8 | 78.0 | 68.8 | 78.1 | 58.0 |
| February | 79.7 | 67.9 | 65.6 | 75.8 | 69.9 | 77.3 | 53.0 |
| March | 79.2 | 63.6 | 63.5 | 73.0 | 58.6 | 74.7 | 51.5 |
| April | 78.7 | 65.4 | 60.8 | 72.6 | 70.2 | 75.2 | 54.7 |
| May | 77.6 | 65.2 | 61.6 | 74.1 | 57.9 | 70.2 | 54.5 |
| June | 75.4 | 59.1 | 54.2 | 71.7 | 67.4 | 68.3 | 50.1 |
| July | 73.3 | 54.7 | 52.6 | 71.0 | 64.7 | 66.3 | 46.6 |
| August | 75.7 | 56.0 | 52.9 | 69.7 | 65.9 | 68.3 | 46.1 |
| September | 71.7 | 58.6 | 53.6 | 71.2 | 62.9 | 66.0 | 43.8 |
| October | 69.0 | 55.8 | 50.8 | 71.9 | 59.8 | 64.6 | 43.0 |
| November | 72.0 | 57.7 | 57.0 | 73.5 | 60.3 | 67.3 | 46.2 |
| December | 80.2 | 66.1 | 66.1 | 74.5 | 62.3 | 75.7 | 53.8 |
| **1988 Average** | **77.7** | **62.2** | **58.6** | **73.1** | **63.0** | **72.7** | **50.6** |
| **Massachusetts** | | | | | | | |
| January | 85.6 | 64.2 | 66.0 | 71.1 | 60.2 | 79.6 | 56.3 |
| February | 84.1 | 58.4 | 63.0 | 69.3 | 59.6 | 76.3 | 51.9 |
| March | 83.3 | 59.1 | 60.4 | 70.5 | 58.9 | 75.4 | 50.7 |
| April | 83.2 | 62.2 | 65.2 | 70.8 | 59.5 | 76.1 | 53.1 |
| May | 82.3 | 62.1 | 65.0 | 70.5 | 60.8 | 73.1 | 53.0 |
| June | 78.3 | 56.0 | 61.3 | 68.9 | 54.8 | 66.1 | 49.1 |
| July | 77.1 | 50.8 | 61.8 | 68.8 | 54.9 | 63.9 | 45.3 |
| August | 74.2 | 52.9 | 62.2 | 67.6 | 55.1 | 63.6 | 46.9 |
| September | 80.0 | 58.2 | 56.6 | 70.1 | 56.3 | 70.4 | 44.4 |
| October | 77.7 | 57.7 | 59.2 | 67.2 | 51.1 | 71.0 | 42.8 |
| November | 77.9 | 59.5 | 63.4 | 69.1 | 49.3 | 72.4 | 46.2 |
| December | 82.8 | 63.5 | 63.6 | 69.8 | 56.4 | 78.2 | 51.7 |
| **1988 Average** | **82.1** | **59.6** | **62.1** | **69.6** | **57.0** | **74.4** | **50.5** |
| **New Hampshire** | | | | | | | |
| January | 82.5 | 67.3 | 64.5 | 79.0 | 62.0 | 79.3 | 56.1 |
| February | 81.6 | 63.5 | 62.3 | 76.0 | 59.9 | 77.8 | 52.9 |
| March | 80.3 | 61.4 | 60.0 | 74.2 | 58.2 | 76.3 | 50.3 |
| April | 79.0 | 64.2 | 63.3 | 76.1 | 60.9 | 74.8 | 53.5 |
| May | 78.3 | 65.6 | 63.1 | 76.2 | 63.3 | 73.1 | 51.9 |
| June | 79.3 | 61.9 | 62.0 | 76.2 | 59.1 | 70.0 | 51.0 |
| July | 76.6 | 58.7 | 56.9 | 73.0 | 54.9 | 67.2 | 45.4 |
| August | 73.8 | 57.6 | 55.2 | 71.1 | 56.4 | 66.4 | 45.2 |
| September | 73.3 | 57.7 | 52.7 | 68.7 | 55.4 | 66.6 | 44.6 |
| October | 71.5 | 57.7 | 48.7 | 67.2 | 52.5 | 66.2 | 43.7 |
| November | 72.3 | 60.7 | 54.8 | 67.7 | 54.2 | 68.8 | 46.1 |
| December | 77.3 | 65.5 | 61.3 | 71.5 | 62.0 | 74.3 | 53.3 |
| **1988 Average** | **78.2** | **62.0** | **58.9** | **73.4** | **59.1** | **73.3** | **50.0** |
| **Rhode Island** | | | | | | | |
| January | 87.1 | 73.6 | 71.2 | 72.0 | 64.1 | 84.9 | 56.0 |
| February | 86.4 | 71.1 | 70.9 | 71.2 | 61.3 | 83.5 | 52.1 |
| March | 84.7 | 67.8 | 63.9 | 71.0 | 58.0 | 80.7 | 50.8 |
| April | 85.4 | 68.1 | 66.5 | 72.1 | 62.4 | 81.0 | 53.8 |
| May | 85.1 | 68.7 | 61.7 | 73.2 | 61.7 | 77.9 | 55.3 |
| June | 81.4 | 64.8 | 57.6 | NA | 54.2 | 71.3 | 47.7 |
| July | 76.3 | 59.1 | 54.7 | NA | 49.6 | 65.7 | 45.5 |
| August | 79.7 | 58.3 | 53.2 | 72.3 | 50.9 | 67.0 | 46.2 |
| September | 78.4 | 59.3 | 50.7 | 71.1 | 49.6 | 70.3 | 42.9 |
| October | 75.5 | 60.1 | 49.7 | 70.3 | 47.4 | 70.4 | 41.9 |
| November | 79.7 | 63.0 | 53.0 | 68.4 | 52.7 | 74.5 | 45.2 |
| December | 83.4 | 69.3 | 69.2 | 71.1 | 58.2 | 80.5 | 52.2 |
| **1988 Average** | **83.6** | **65.7** | **60.5** | **72.0** | **56.2** | **78.4** | **49.9** |

See footnotes at end of table.

## Table 36. No. 2 Distillate Prices by Sales Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Sales to End Users | | | | | | Sales for Resale |
|---|---|---|---|---|---|---|---|
| | To Residential Consumers[a] | To Commercial/ Institutional Consumers | To Industrial Consumers | Sales Through Company-Operated Retail Outlets[b] | To Other End Users[c] | Average | |
| **Vermont** | | | | | | | |
| January | 85.9 | 71.9 | 66.6 | 78.2 | 71.4 | 81.5 | 58.8 |
| February | 85.9 | 68.9 | 63.8 | 77.5 | 73.8 | 80.9 | 55.7 |
| March | 85.0 | 67.7 | 59.3 | 76.1 | 73.2 | 79.5 | 53.9 |
| April | 85.0 | 67.2 | 62.4 | 76.6 | 73.0 | 78.9 | 57.8 |
| May | 84.4 | 65.8 | 62.4 | 76.1 | 68.7 | 75.9 | 56.7 |
| June | 83.8 | 59.4 | 58.2 | 75.6 | 67.9 | 72.1 | 52.3 |
| July | 81.3 | 56.7 | 53.4 | 73.4 | 66.4 | 69.3 | 49.1 |
| August | 80.3 | 59.0 | 55.6 | 73.2 | 65.8 | 70.7 | 50.5 |
| September | 78.5 | 65.5 | 61.1 | 73.4 | 63.9 | 72.4 | 48.2 |
| October | 77.0 | 62.0 | 54.1 | 72.3 | 58.6 | 70.8 | 47.2 |
| November | 77.8 | 63.9 | 55.8 | 72.5 | 60.5 | 71.9 | 51.3 |
| December | 81.6 | 68.7 | 61.9 | 76.2 | 65.2 | 77.3 | 57.1 |
| **1988 Average** | **82.6** | **65.7** | **60.2** | **75.1** | **66.9** | **76.3** | **53.8** |
| **Subdistrict IB Average** | | | | | | | |
| January | 87.0 | 64.6 | 61.7 | 71.0 | 63.8 | 79.6 | 53.7 |
| February | 86.3 | 61.2 | 59.7 | 69.4 | 63.9 | 78.2 | 50.9 |
| March | 85.4 | 58.7 | 57.2 | 67.6 | 61.5 | 75.0 | 49.0 |
| April | 84.8 | 58.8 | 59.0 | 68.0 | 65.0 | 73.0 | 51.9 |
| May | 83.5 | 58.0 | 59.1 | 68.7 | 63.7 | 69.4 | 52.4 |
| June | 80.7 | 53.5 | 55.6 | 67.5 | 57.6 | 62.6 | 48.4 |
| July | 77.9 | 50.9 | 51.1 | 66.5 | 53.3 | 60.0 | 44.3 |
| August | 72.8 | 51.3 | 51.6 | 65.6 | 50.5 | 58.8 | 45.3 |
| September | 77.0 | 50.9 | 51.5 | 62.7 | 56.9 | 62.1 | 43.7 |
| October | 77.1 | 51.1 | 49.5 | 63.9 | 53.8 | 64.3 | 42.4 |
| November | 79.1 | 54.7 | 52.7 | 65.8 | 53.3 | 68.3 | 46.0 |
| December | 83.9 | 60.6 | 57.0 | 68.2 | 55.0 | 74.0 | 51.7 |
| **1988 Average** | **83.5** | **57.0** | **55.5** | **67.2** | **57.2** | **71.3** | **49.1** |
| **Delaware** | | | | | | | |
| January | 83.9 | 65.2 | 58.7 | 60.7 | 61.2 | 77.8 | 53.2 |
| February | 83.2 | 63.0 | 55.3 | 59.9 | 58.3 | 74.8 | 49.8 |
| March | 81.5 | 59.9 | 53.8 | 59.9 | 60.9 | 73.0 | 47.4 |
| April | 82.5 | 61.7 | 56.8 | 64.2 | 62.0 | 71.4 | 53.5 |
| May | 82.5 | 63.8 | 56.4 | 62.5 | 58.5 | 67.1 | 51.5 |
| June | 80.9 | 61.6 | 52.8 | 61.6 | 55.6 | 61.3 | 49.1 |
| July | 73.4 | 53.4 | 48.5 | 60.7 | 49.2 | 54.8 | 43.4 |
| August | 73.9 | 56.6 | 49.3 | 62.0 | 49.2 | 55.8 | 44.7 |
| September | 72.6 | 53.6 | 49.1 | 59.7 | 53.2 | 59.0 | 42.7 |
| October | 71.8 | 52.8 | 47.8 | 59.5 | 57.3 | 61.1 | 42.2 |
| November | 74.8 | 54.1 | 53.3 | 62.5 | 54.3 | 64.4 | 44.7 |
| December | 79.6 | 59.6 | 56.6 | 64.8 | 61.9 | 71.6 | 50.9 |
| **1988 Average** | **80.1** | **59.1** | **53.2** | **61.3** | **55.2** | **68.0** | **48.0** |
| **District of Columbia** | | | | | | | |
| January | 95.8 | 64.6 | 69.0 | W | W | 72.6 | 53.1 |
| February | 96.0 | 62.0 | 69.6 | W | W | 70.3 | 49.8 |
| March | 93.1 | 59.0 | NA | W | W | 66.8 | 48.1 |
| April | 91.8 | 59.5 | 61.3 | W | W | 64.2 | 51.5 |
| May | 93.9 | 59.0 | 63.2 | W | W | 62.4 | 51.4 |
| June | 89.7 | 52.2 | W | W | W | 53.3 | 46.2 |
| July | 87.6 | 47.9 | W | W | W | 48.8 | 44.6 |
| August | 85.9 | 50.1 | 62.9 | W | W | 51.5 | 45.8 |
| September | 85.8 | 54.0 | W | W | W | 55.7 | 43.2 |
| October | 84.1 | 54.1 | W | W | W | 61.0 | 42.4 |
| November | 85.6 | 55.8 | 69.5 | W | W | 63.4 | 45.5 |
| December | 89.8 | 59.4 | 76.3 | W | W | 67.4 | 50.9 |
| **1988 Average** | **91.6** | **58.0** | **67.5** | W | W | **64.3** | **48.8** |

See footnotes at end of table.

## Table 36. No. 2 Distillate Prices by Sales Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Sales to End Users | | | | | | Sales for Resale |
|---|---|---|---|---|---|---|---|
| | To Residential Consumers[a] | To Commercial/ Institutional Consumers | To Industrial Consumers | Sales Through Company-Operated Retail Outlets[b] | To Other End Users[c] | Average | |
| **Maryland** | | | | | | | |
| January | 90.9 | 59.5 | 56.4 | 72.2 | 70.0 | 80.5 | 56.2 |
| February | 90.3 | 56.3 | 53.7 | 70.8 | 69.4 | 79.1 | 54.0 |
| March | 88.2 | 53.1 | 51.3 | 69.9 | 66.4 | 75.1 | 51.3 |
| April | 89.1 | 53.0 | 53.4 | 72.1 | 64.5 | 69.9 | 55.1 |
| May | 87.9 | 52.0 | 53.3 | 73.1 | 58.6 | 64.8 | 53.0 |
| June | 86.8 | 48.7 | 49.2 | 73.0 | 55.4 | 56.6 | 50.1 |
| July | 85.0 | 46.8 | 46.4 | 70.7 | 51.1 | 55.4 | 44.7 |
| August | 84.2 | 46.8 | 47.2 | 68.5 | 49.2 | 55.3 | 46.2 |
| September | 76.0 | 47.7 | 49.5 | 62.7 | 57.6 | 57.8 | 45.3 |
| October | 78.3 | 48.0 | 47.5 | 62.2 | 57.6 | 62.3 | 45.2 |
| November | 81.3 | 50.9 | 50.3 | 61.9 | 54.0 | 65.2 | 47.1 |
| December | 85.0 | 55.4 | 55.3 | 63.6 | 57.6 | 72.1 | 52.4 |
| **1988 Average** | **87.0** | **52.0** | **51.1** | **69.1** | **57.9** | **69.2** | **50.8** |
| **New Jersey** | | | | | | | |
| January | 88.1 | 61.3 | 61.7 | 72.0 | 57.4 | 77.9 | 52.2 |
| February | 87.7 | 58.6 | 59.8 | 70.1 | 55.8 | 76.2 | 49.8 |
| March | 86.8 | 56.0 | 57.8 | 68.4 | 56.8 | 72.6 | 47.4 |
| April | 85.8 | 56.9 | 61.0 | 69.1 | 58.3 | 71.5 | 50.2 |
| May | 85.4 | 55.8 | 61.2 | 69.2 | 60.3 | 67.1 | 51.5 |
| June | 82.5 | 52.4 | 56.2 | 67.2 | 48.6 | 59.5 | 47.2 |
| July | 80.9 | 48.8 | 51.1 | 66.5 | 49.8 | 56.6 | 43.2 |
| August | 78.6 | 48.6 | 51.5 | 65.5 | 47.2 | 55.4 | 44.3 |
| September | 76.3 | 47.4 | 49.3 | 63.6 | 50.4 | 57.5 | 42.7 |
| October | 77.8 | 48.8 | 46.5 | 63.7 | 46.6 | 61.0 | 41.6 |
| November | 78.8 | 53.0 | 49.7 | 65.2 | 50.1 | 62.9 | 45.4 |
| December | 84.0 | 58.0 | 56.4 | 65.8 | 54.8 | 70.5 | 50.9 |
| **1988 Average** | **84.8** | **54.8** | **55.0** | **67.0** | **51.9** | **68.6** | **48.2** |
| **New York** | | | | | | | |
| January | 89.1 | 71.0 | 61.6 | 71.1 | 68.9 | 83.1 | 54.7 |
| February | 88.4 | 67.5 | 58.8 | 68.8 | 71.1 | 82.1 | 52.7 |
| March | 87.3 | 65.7 | 55.9 | 68.7 | 71.2 | 80.2 | 50.8 |
| April | 86.7 | 64.9 | 59.5 | 68.8 | 73.3 | 78.3 | 53.1 |
| May | 84.9 | 63.7 | 59.5 | 69.7 | 73.4 | 75.3 | 53.7 |
| June | 83.5 | 59.0 | 54.6 | 66.9 | 69.9 | 69.4 | 49.8 |
| July | 81.7 | 56.6 | 52.0 | 66.5 | 57.8 | 66.5 | 45.8 |
| August | 78.0 | 57.3 | 51.8 | 66.5 | 54.1 | 65.2 | 46.6 |
| September | 83.0 | 56.5 | 55.4 | 64.8 | 55.4 | 69.5 | 45.5 |
| October | 81.7 | 55.7 | 55.5 | 68.3 | 52.9 | 70.4 | 43.2 |
| November | 83.3 | 59.6 | 57.8 | 73.9 | 50.8 | 75.4 | 46.9 |
| December | 87.8 | 67.1 | 57.9 | 75.8 | 55.4 | 81.3 | 53.4 |
| **1988 Average** | **86.3** | **63.3** | **57.0** | **68.9** | **61.6** | **77.2** | **50.6** |
| **Pennsylvania** | | | | | | | |
| January | 82.9 | 61.0 | 62.6 | 70.9 | 59.0 | 76.6 | 54.4 |
| February | 82.0 | 57.4 | 61.0 | 70.4 | 59.0 | 74.9 | 50.9 |
| March | 81.1 | 55.5 | 58.2 | 66.0 | 56.6 | 70.5 | 48.9 |
| April | 80.5 | 56.5 | 58.8 | 66.2 | 59.7 | 68.6 | 52.0 |
| May | 79.1 | 57.3 | 59.1 | 66.7 | 59.6 | 65.9 | 52.5 |
| June | 74.6 | 52.6 | 56.9 | 67.8 | 55.1 | 60.3 | 48.2 |
| July | 71.1 | 50.4 | 51.6 | 66.0 | 51.9 | 58.0 | 44.5 |
| August | 63.9 | 50.4 | 52.5 | 64.3 | 49.8 | 56.2 | 45.3 |
| September | 68.6 | 49.1 | 50.7 | 61.5 | 59.1 | 58.5 | 43.3 |
| October | 69.5 | 48.1 | 48.1 | 62.0 | 54.5 | 59.5 | 42.1 |
| November | 70.9 | 52.1 | 51.9 | 60.4 | 56.1 | 62.8 | 46.0 |
| December | 76.5 | 57.1 | 57.2 | 63.0 | 54.4 | 67.0 | 51.4 |
| **1988 Average** | **77.8** | **54.2** | **56.1** | **65.3** | **55.8** | **66.9** | **48.7** |

See footnotes at end of table.

## Table 36. No. 2 Distillate Prices by Sales Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Sales to End Users | | | | | | Sales for Resale |
|---|---|---|---|---|---|---|---|
| | To Residential Consumers[a] | To Commercial/ Institutional Consumers | To Industrial Consumers | Sales Through Company-Operated Retail Outlets[b] | To Other End Users[c] | Average | |
| **Subdistrict IC Average[d]** | | | | | | | |
| January | 80.4 | 54.7 | 57.9 | 64.6 | 59.1 | 62.6 | 52.3 |
| February | 80.1 | 51.9 | 56.9 | 62.1 | 57.4 | 59.4 | 49.3 |
| March | 80.3 | 50.9 | 56.3 | 60.0 | 59.5 | 57.8 | 48.3 |
| April | 80.7 | 53.2 | 57.6 | 61.1 | 60.4 | 58.0 | 52.1 |
| May | 80.0 | 52.2 | 57.1 | 61.6 | 59.4 | 57.5 | 51.1 |
| June | 77.1 | 49.3 | 53.4 | 61.1 | 56.3 | 54.5 | 47.8 |
| July | 75.5 | 46.6 | 51.4 | 60.2 | 53.9 | 52.4 | 45.3 |
| August | 74.4 | 47.3 | 51.4 | 59.4 | 54.6 | 52.6 | 46.1 |
| September | 74.6 | 46.6 | 51.5 | 59.0 | 54.4 | 53.0 | 45.0 |
| October | 75.4 | 46.5 | 52.2 | 57.8 | 55.8 | 54.2 | 43.7 |
| November | 76.7 | 48.5 | 53.1 | 57.8 | 57.3 | 55.6 | 47.1 |
| December | 79.7 | 53.0 | 58.4 | 59.9 | 57.5 | 60.4 | 51.3 |
| **1988 Average** | **78.6** | **50.1** | **54.7** | **60.4** | **57.1** | **56.7** | **48.3** |
| **Virginia** | | | | | | | |
| January | 82.7 | 56.4 | 55.0 | 65.8 | 62.8 | 68.0 | 52.2 |
| February | 83.4 | 53.3 | 52.9 | 63.7 | 58.5 | 64.4 | 48.7 |
| March | 83.8 | 51.6 | 52.5 | 63.1 | 62.6 | 63.1 | 47.5 |
| April | 83.0 | 53.1 | 55.5 | 63.0 | 59.2 | 60.4 | 51.3 |
| May | 81.7 | 51.7 | 53.9 | 62.9 | 59.3 | 59.6 | 50.2 |
| June | 79.1 | 48.5 | 50.2 | 62.4 | 55.5 | 55.4 | 46.9 |
| July | 77.3 | 45.9 | 47.3 | 62.1 | 52.1 | 52.6 | 45.2 |
| August | 77.0 | 47.3 | 47.1 | 61.1 | 54.0 | 53.2 | 45.3 |
| September | 75.8 | 46.2 | 51.0 | 61.7 | 64.5 | 55.7 | 43.6 |
| October | 74.8 | 45.7 | 52.4 | 59.4 | 63.9 | 57.1 | 42.2 |
| November | 77.1 | 48.6 | 52.5 | 59.9 | 62.4 | 59.2 | 45.8 |
| December | 79.6 | 54.4 | 57.0 | 62.0 | 63.8 | 64.7 | 50.6 |
| **1988 Average** | **80.5** | **50.5** | **51.9** | **62.4** | **60.1** | **60.1** | **47.7** |
| **West Virginia** | | | | | | | |
| January | 78.7 | 57.7 | 64.4 | 73.5 | 59.6 | 63.6 | 55.9 |
| February | 76.1 | 55.7 | 62.1 | 71.4 | 61.7 | 62.1 | 55.5 |
| March | 75.6 | 55.6 | 62.1 | 68.8 | 59.9 | 60.5 | 53.5 |
| April | 74.6 | 57.8 | 62.1 | 71.6 | 63.5 | 62.0 | 55.4 |
| May | 73.6 | 57.2 | 61.5 | 71.4 | 61.8 | 61.1 | 54.1 |
| June | 71.8 | 55.2 | 58.9 | 70.5 | 57.7 | 58.6 | 51.8 |
| July | 70.3 | 52.7 | 56.5 | 68.4 | 54.3 | 56.3 | 49.1 |
| August | 67.9 | 52.2 | 56.4 | 68.8 | 52.7 | 55.6 | 49.9 |
| September | 69.3 | 52.5 | 55.1 | 67.1 | 55.2 | 56.0 | 49.5 |
| October | 71.3 | 51.5 | 55.9 | 66.6 | 54.2 | 56.2 | 47.8 |
| November | 74.1 | 53.3 | 58.1 | 66.9 | 54.4 | 57.7 | 50.1 |
| December | 73.9 | 56.4 | 62.1 | 69.1 | 55.6 | 60.1 | 53.7 |
| **1988 Average** | **74.2** | **54.8** | **59.3** | **69.6** | **57.4** | **59.1** | **52.2** |
| **PAD District II Average[d]** | | | | | | | |
| January | 77.1 | 54.3 | 58.9 | 64.6 | 62.6 | 63.2 | 51.7 |
| February | 76.2 | 51.4 | 56.9 | 62.4 | 62.0 | 60.7 | 49.2 |
| March | 75.5 | 51.1 | 55.9 | 61.4 | 64.4 | 60.0 | 49.8 |
| April | 76.9 | 55.6 | 59.6 | 63.9 | 67.5 | 62.1 | 54.0 |
| May | 75.1 | 53.9 | 57.6 | 63.4 | 66.4 | 60.5 | 52.1 |
| June | 73.4 | 50.3 | 54.9 | 61.2 | 62.4 | 57.1 | 48.4 |
| July | 72.1 | 47.7 | 52.6 | 59.6 | 60.6 | 55.0 | 46.0 |
| August | 71.7 | 48.6 | 52.9 | 57.8 | 59.5 | 54.7 | 47.1 |
| September | 70.9 | 48.0 | 53.0 | 56.9 | 60.1 | 55.0 | 45.9 |
| October | 70.6 | 47.1 | 52.6 | 56.5 | 60.4 | 55.1 | 44.8 |
| November | 71.7 | 49.6 | 54.9 | 57.6 | 60.6 | 56.7 | 47.7 |
| December | 73.4 | 52.0 | 57.6 | 60.3 | 61.9 | 59.9 | 50.6 |
| **1988 Average** | **74.3** | **50.7** | **55.5** | **60.1** | **62.4** | **58.3** | **48.9** |

See footnotes at end of table.

## Table 36. No. 2 Distillate Prices by Sales Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Sales to End Users | | | | | | Sales for Resale |
|---|---|---|---|---|---|---|---|
| | To Residential Consumers[a] | To Commercial/ Institutional Consumers | To Industrial Consumers | Sales Through Company-Operated Retail Outlets[b] | To Other End Users[c] | Average | |
| **Illinois** | | | | | | | |
| January | 85.4 | 55.3 | 58.5 | 67.4 | 62.3 | 61.9 | 51.5 |
| February | 86.1 | 52.8 | 57.7 | 64.7 | 61.9 | 60.2 | 48.8 |
| March | 86.1 | 53.1 | 57.3 | 63.0 | 63.2 | 59.3 | 49.9 |
| April | 87.4 | 58.1 | 62.0 | 65.9 | 66.2 | 62.7 | 54.8 |
| May | 86.7 | 55.4 | 58.8 | 65.2 | 64.9 | 60.2 | 52.6 |
| June | 82.9 | 50.5 | 53.5 | 61.1 | 59.8 | 54.9 | 48.5 |
| July | 83.8 | 48.0 | 52.8 | 59.0 | 58.6 | 52.7 | 45.4 |
| August | 80.3 | 48.9 | 53.7 | 58.6 | 58.1 | 53.1 | 47.2 |
| September | 68.6 | 47.8 | 55.6 | 67.8 | 60.6 | 55.3 | 46.5 |
| October | 69.4 | 46.7 | 54.8 | 67.7 | 60.1 | 54.6 | 44.7 |
| November | 70.6 | 48.6 | 59.0 | 66.3 | 60.6 | 55.3 | 47.1 |
| December | 73.1 | 51.1 | 60.9 | 67.6 | 61.5 | 58.2 | 49.8 |
| **1988 Average** | **77.6** | **50.8** | **56.4** | **65.2** | **61.7** | **57.1** | **48.9** |
| **Indiana** | | | | | | | |
| January | 78.3 | 52.1 | 55.6 | 62.7 | 57.2 | 60.8 | 51.1 |
| February | 76.7 | 49.3 | 52.5 | 59.3 | 63.3 | 58.8 | 48.2 |
| March | 77.4 | 48.6 | 52.1 | 57.8 | 66.6 | 57.9 | 48.6 |
| April | 79.0 | 53.6 | 56.9 | 62.9 | 77.0 | 63.1 | 54.1 |
| May | 76.6 | 52.8 | 55.4 | 61.8 | 67.8 | 60.2 | 52.2 |
| June | 80.1 | 48.0 | 51.4 | 57.8 | 58.1 | 53.8 | 47.1 |
| July | 74.0 | 45.8 | 49.0 | 56.6 | 59.7 | 51.8 | 45.1 |
| August | 74.1 | 46.9 | 49.3 | 53.8 | 59.5 | 51.9 | 46.2 |
| September | 69.5 | 48.5 | 51.5 | 52.5 | 60.9 | 53.3 | 46.0 |
| October | 71.2 | 46.1 | 50.3 | 51.5 | 61.6 | 52.9 | 44.3 |
| November | 72.1 | 49.0 | 53.2 | NA | 62.5 | 55.8 | 47.4 |
| December | 75.3 | 51.6 | 56.7 | 57.5 | 65.8 | 59.5 | 51.0 |
| **1988 Average** | **75.4** | **49.3** | **52.7** | **56.7** | **63.9** | **56.7** | **48.3** |
| **Michigan** | | | | | | | |
| January | 81.2 | 62.8 | 68.4 | 64.8 | 65.5 | 71.2 | 54.2 |
| February | 80.9 | 59.3 | 65.3 | 61.7 | 60.4 | 68.4 | 51.0 |
| March | 78.2 | 59.0 | 64.4 | 61.0 | 67.5 | 67.1 | 51.1 |
| April | 78.8 | 61.6 | 66.7 | 64.1 | 66.0 | 67.5 | 56.4 |
| May | 77.5 | 59.8 | 61.2 | 63.8 | 68.7 | 65.4 | 54.1 |
| June | 73.7 | 57.0 | 60.8 | 60.9 | 62.6 | 61.7 | 49.7 |
| July | 73.3 | 54.5 | 58.3 | 59.9 | 60.6 | 60.0 | 47.7 |
| August | 73.9 | 55.5 | 60.1 | 58.9 | 60.7 | 60.6 | 48.4 |
| September | 74.2 | 56.9 | 58.4 | 56.1 | 60.8 | 60.2 | 47.6 |
| October | 75.4 | 56.5 | 58.5 | 56.6 | 67.7 | 62.5 | 47.3 |
| November | 75.6 | 56.5 | 60.7 | 57.7 | 63.2 | 63.0 | 49.9 |
| December | 77.0 | 57.3 | 62.1 | 60.0 | 65.5 | 65.9 | 52.4 |
| **1988 Average** | **77.5** | **58.0** | **61.7** | **60.0** | **64.1** | **64.5** | **50.8** |
| **Minnesota** | | | | | | | |
| January | 75.5 | 54.1 | 56.8 | 67.0 | 59.5 | 67.7 | 50.9 |
| February | 74.4 | 52.4 | 57.8 | 69.7 | 63.8 | 66.8 | 48.4 |
| March | 72.6 | 51.3 | 61.2 | 68.9 | 64.8 | 64.2 | 50.5 |
| April | 73.1 | 53.3 | 60.6 | 67.0 | 66.8 | 63.6 | 54.1 |
| May | 74.3 | 52.7 | 60.3 | 68.3 | 67.6 | 63.1 | 51.9 |
| June | 73.5 | 49.8 | 58.3 | 66.6 | 66.4 | 60.7 | 49.1 |
| July | 75.7 | 47.2 | 53.8 | 64.8 | 64.1 | 58.9 | 46.9 |
| August | 72.2 | 48.5 | 54.5 | 65.5 | 63.3 | 58.6 | 47.2 |
| September | 72.4 | 47.1 | 51.4 | 63.1 | 61.7 | 58.8 | 46.2 |
| October | 71.1 | 46.5 | 50.7 | 63.3 | 64.5 | 60.3 | 45.9 |
| November | 72.7 | 50.5 | 51.9 | 63.8 | 65.0 | 62.8 | 48.8 |
| December | 73.0 | 51.4 | 53.4 | 65.8 | 63.8 | 66.7 | 50.8 |
| **1988 Average** | **73.5** | **50.2** | **56.6** | **65.9** | **64.6** | **62.9** | **49.1** |

See footnotes at end of table.

## Table 36. No. 2 Distillate Prices by Sales Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Sales to End Users | | | | | | Sales for Resale |
|---|---|---|---|---|---|---|---|
| | To Residential Consumers[a] | To Commercial/ Institutional Consumers | To Industrial Consumers | Sales Through Company-Operated Retail Outlets[b] | To Other End Users[c] | Average | |
| **Ohio** | | | | | | | |
| January | 77.2 | 55.8 | 62.7 | 64.4 | 68.1 | 63.8 | 54.5 |
| February | 77.1 | 52.6 | 59.9 | 61.6 | 64.5 | 61.2 | 51.9 |
| March | 76.1 | 51.1 | 58.1 | 60.5 | 64.5 | 58.7 | 50.5 |
| April | 77.1 | 55.9 | 62.6 | 63.5 | 68.7 | 61.8 | 55.1 |
| May | 74.5 | 54.4 | 60.5 | 63.8 | 68.8 | 60.1 | 53.5 |
| June | 71.9 | 50.5 | 57.7 | 62.3 | 64.9 | 56.6 | 48.9 |
| July | 70.0 | 47.4 | 54.7 | 60.9 | 65.0 | 54.2 | 46.2 |
| August | 69.2 | 48.9 | 54.7 | 58.8 | 60.0 | 54.2 | 48.0 |
| September | 72.0 | 48.0 | 53.8 | 59.0 | 59.0 | 54.5 | 47.0 |
| October | 71.2 | 47.2 | 53.4 | 57.8 | 57.9 | 54.8 | 46.1 |
| November | 73.0 | 51.2 | 57.2 | 59.4 | 60.9 | 57.9 | 50.4 |
| December | 75.2 | 53.9 | 60.5 | 62.4 | 59.8 | 61.6 | 53.1 |
| **1988 Average** | **74.7** | **51.3** | **58.0** | **61.3** | **63.8** | **58.4** | **50.7** |
| **Wisconsin** | | | | | | | |
| January | 76.9 | 56.8 | 60.4 | 65.8 | 66.6 | 70.3 | 51.9 |
| February | 76.0 | 52.4 | 60.2 | 65.4 | 67.1 | 67.2 | 48.9 |
| March | 75.8 | 52.5 | 56.7 | 63.3 | 67.8 | 64.9 | 49.6 |
| April | 77.7 | 58.1 | 53.5 | 66.0 | 69.4 | 65.3 | 55.5 |
| May | 76.8 | 56.8 | 55.5 | 64.8 | 68.6 | 63.0 | 52.6 |
| June | 74.6 | 52.5 | 52.8 | 63.6 | 66.0 | 59.7 | 48.4 |
| July | 72.7 | 53.2 | 49.8 | 60.0 | 62.6 | 58.4 | 45.1 |
| August | 71.2 | 51.4 | 49.5 | 58.0 | 56.9 | 56.0 | 46.6 |
| September | 68.8 | 50.9 | 52.4 | 56.7 | 59.2 | 57.7 | 45.1 |
| October | 68.0 | 49.8 | 49.6 | 57.3 | 56.9 | 57.2 | 44.1 |
| November | 69.9 | 51.5 | 54.6 | 59.2 | 56.9 | 60.6 | 47.5 |
| December | 71.6 | 54.1 | 56.6 | 61.9 | 57.5 | 64.3 | 50.4 |
| **1988 Average** | **73.9** | **53.3** | **53.5** | **61.3** | **62.4** | **62.6** | **48.6** |
| **PAD District III Average** | | | | | | | |
| January | 64.4 | 53.4 | 54.0 | 60.3 | 54.8 | 55.4 | 47.7 |
| February | 61.3 | 50.1 | 52.5 | 59.7 | 53.9 | 53.9 | 46.4 |
| March | 61.2 | 49.3 | 52.2 | 60.0 | 55.3 | 54.1 | 45.5 |
| April | 61.6 | 51.7 | 55.2 | 60.2 | 56.9 | 55.6 | 47.4 |
| May | 62.4 | 51.9 | 54.4 | 61.2 | 56.7 | 55.9 | 47.6 |
| June | NA | 49.0 | 51.5 | 58.9 | 55.9 | 53.8 | 45.4 |
| July | 70.2 | 45.7 | 48.2 | 57.7 | 53.9 | 51.0 | 42.5 |
| August | 68.2 | 46.2 | 47.6 | 58.5 | 52.9 | 51.0 | 43.0 |
| September | 54.8 | 45.2 | 46.1 | 58.0 | 52.7 | 49.7 | 42.4 |
| October | 54.9 | 43.2 | 48.0 | 57.1 | 51.3 | 48.6 | 40.6 |
| November | 58.9 | 46.6 | 49.5 | 56.8 | 52.5 | 50.6 | 42.9 |
| December | 61.5 | 51.0 | 51.4 | 60.5 | 55.5 | 53.9 | 47.2 |
| **1988 Average** | **62.8** | **48.4** | **50.8** | **59.1** | **54.4** | **52.8** | **45.1** |
| **PAD District IV Average[d]** | | | | | | | |
| January | 73.3 | 55.4 | 59.4 | 68.2 | 67.3 | 60.9 | 55.5 |
| February | 71.3 | 51.4 | 58.1 | 66.2 | 64.4 | 58.3 | 52.7 |
| March | 70.5 | 51.9 | 56.1 | 65.5 | 65.8 | 58.8 | 53.4 |
| April | 73.7 | 55.2 | 59.5 | 65.7 | 67.9 | 60.5 | 56.5 |
| May | 72.6 | 56.5 | 58.7 | 66.9 | 67.6 | 61.0 | 57.1 |
| June | 71.5 | 52.9 | 57.5 | 66.1 | 65.0 | 58.8 | 52.9 |
| July | 70.3 | 49.2 | 54.4 | 62.4 | 62.2 | 55.6 | 49.1 |
| August | 67.6 | 49.2 | 53.2 | 61.9 | 63.8 | 55.6 | 48.8 |
| September | 67.0 | 48.6 | 53.2 | 62.1 | 62.1 | 55.0 | 48.4 |
| October | 67.0 | 48.6 | 52.3 | 62.8 | 60.8 | 54.8 | 47.6 |
| November | 66.7 | 49.2 | 52.6 | 60.8 | 60.3 | 54.4 | 48.8 |
| December | 66.9 | 50.2 | 53.4 | 62.2 | 59.0 | 55.1 | 49.7 |
| **1988 Average** | **69.1** | **51.4** | **55.7** | **64.2** | **63.9** | **57.3** | **51.6** |

See footnotes at end of table.

## Table 36. No. 2 Distillate Prices by Sales Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Sales to End Users | | | | | | Sales for Resale |
|---|---|---|---|---|---|---|---|
| | To Residential Consumers[a] | To Commercial/ Institutional Consumers | To Industrial Consumers | Sales Through Company-Operated Retail Outlets[b] | To Other End Users[c] | Average | |
| **Idaho** | | | | | | | |
| January | 74.4 | 63.8 | 62.9 | 75.3 | 70.6 | 69.6 | 59.8 |
| February | 71.7 | 58.5 | 59.2 | 72.2 | 67.0 | 65.5 | 55.8 |
| March | 70.6 | 58.4 | 58.3 | 71.7 | 64.7 | 64.1 | 56.4 |
| April | 73.3 | 59.9 | 61.9 | 72.5 | 68.6 | 66.8 | 60.3 |
| May | 71.9 | 61.9 | 62.6 | 70.7 | 69.2 | 67.1 | 61.5 |
| June | 70.5 | 60.5 | 61.4 | 70.0 | 66.1 | 64.9 | 58.4 |
| July | 67.7 | 54.7 | 56.1 | 65.2 | 62.7 | 60.4 | 52.6 |
| August | 64.3 | 53.8 | 54.5 | 65.1 | 62.2 | 59.8 | 50.8 |
| September | 67.4 | 53.4 | 55.7 | 63.7 | 61.5 | 60.1 | 51.6 |
| October | 66.8 | 52.7 | 54.5 | 64.8 | 60.3 | 59.5 | 51.9 |
| November | 66.6 | 51.7 | 54.4 | 64.5 | 60.6 | 59.3 | 51.9 |
| December | 66.9 | 53.9 | 55.9 | 63.3 | 61.0 | 60.1 | 53.1 |
| **1988 Average** | **68.8** | **56.8** | **57.6** | **68.1** | **64.5** | **62.9** | **55.2** |
| **PAD District V Average[d]** | | | | | | | |
| January | 80.6 | 54.3 | 58.1 | 68.4 | 60.3 | 61.2 | 51.8 |
| February | 79.1 | 54.8 | 58.0 | 69.2 | 60.7 | 60.9 | 52.2 |
| March | 79.3 | 55.5 | 58.5 | 68.9 | 61.4 | 60.9 | 52.7 |
| April | 80.3 | 56.1 | 58.3 | 68.7 | 62.5 | 61.4 | 53.8 |
| May | 79.7 | 55.6 | 58.3 | 67.9 | 61.2 | 60.2 | 53.3 |
| June | 77.8 | 52.5 | 56.5 | 67.5 | 59.4 | 57.8 | 50.3 |
| July | 72.8 | 47.5 | 51.9 | 63.8 | 54.9 | 53.0 | 43.4 |
| August | 70.8 | 46.2 | 52.4 | 63.9 | 56.5 | 53.2 | 45.1 |
| September | 74.9 | 49.5 | 53.6 | 64.3 | 55.8 | 55.4 | 47.0 |
| October | 71.4 | 44.9 | 47.9 | 62.2 | 51.7 | 51.6 | 41.1 |
| November | 72.7 | 45.3 | 48.6 | 61.7 | 51.0 | 51.8 | 42.2 |
| December | 73.7 | 45.6 | 50.7 | 61.8 | 53.4 | 53.5 | 44.7 |
| **1988 Average** | **76.9** | **50.6** | **53.9** | **65.2** | **57.4** | **56.6** | **47.9** |
| **Alaska** | | | | | | | |
| January | 88.3 | NA | 73.2 | W | W | 83.1 | 57.8 |
| February | 85.6 | NA | 73.4 | W | W | NA | 54.1 |
| March | 88.7 | NA | 71.2 | 75.4 | 70.4 | NA | 60.7 |
| April | 86.6 | NA | 72.2 | 74.1 | 72.3 | NA | 57.3 |
| May | 88.9 | NA | 73.5 | 80.8 | 65.9 | 71.6 | 59.2 |
| June | 88.1 | 77.2 | 72.5 | 82.9 | 72.7 | 75.9 | 59.5 |
| July | 85.5 | NA | 67.5 | 81.8 | 72.1 | 76.4 | 57.5 |
| August | 85.7 | 72.1 | 65.5 | 82.7 | 66.8 | 70.6 | 54.6 |
| September | 89.7 | 73.1 | 72.9 | 82.4 | NA | 80.9 | 55.7 |
| October | 86.2 | 72.9 | 68.2 | 79.4 | NA | 73.3 | 48.0 |
| November | 85.3 | 72.2 | 65.5 | 81.2 | 69.9 | 74.9 | 51.2 |
| December | 85.6 | 72.3 | 66.9 | 78.7 | NA | 75.0 | 57.7 |
| **1988 Average** | **86.9** | **81.1** | **69.7** | **80.9** | **71.3** | **77.7** | **56.1** |
| **Oregon** | | | | | | | |
| January | 76.0 | 56.6 | 57.8 | 70.8 | 65.8 | 64.9 | 53.5 |
| February | 74.9 | 55.2 | 56.1 | 71.0 | 65.5 | 63.1 | 52.3 |
| March | 73.5 | 54.8 | 56.6 | 69.7 | 62.4 | 61.0 | 52.5 |
| April | 75.0 | 56.4 | 58.4 | 70.1 | 63.2 | 62.0 | 56.5 |
| May | 74.6 | 57.2 | 59.3 | 69.4 | 66.6 | 62.7 | 56.5 |
| June | 73.9 | 51.8 | 54.9 | 67.2 | 63.0 | 58.0 | 50.3 |
| July | 66.4 | 46.7 | 50.8 | 62.9 | 59.4 | 52.7 | 44.0 |
| August | 64.3 | 48.6 | 52.0 | 65.1 | 61.9 | 56.1 | 46.0 |
| September | 64.8 | 51.8 | 52.3 | 62.3 | 57.6 | 55.9 | 48.3 |
| October | 62.4 | 49.0 | 48.3 | 60.6 | 55.8 | 53.5 | 43.7 |
| November | 63.4 | 48.7 | 47.9 | 59.0 | 55.7 | 53.3 | 43.4 |
| December | 64.2 | 48.9 | 49.7 | 60.5 | 55.0 | 54.3 | 44.8 |
| **1988 Average** | **70.9** | **52.1** | **53.2** | **65.3** | **60.9** | **58.2** | **48.9** |

See footnotes at end of table.

## Table 36. No. 2 Distillate Prices by Sales Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Sales to End Users | | | | | | Sales for Resale |
|---|---|---|---|---|---|---|---|
| | To Residential Consumers[a] | To Commercial/ Institutional Consumers | To Industrial Consumers | Sales Through Company-Operated Retail Outlets[b] | To Other End Users[c] | Average | |
| **Washington** | | | | | | | |
| January | 83.2 | 56.7 | 60.4 | 70.5 | 62.1 | 67.7 | 53.5 |
| February | 82.1 | 56.0 | 60.5 | 70.7 | 61.6 | 65.3 | 51.8 |
| March | 81.3 | 55.3 | 59.9 | 69.7 | 62.4 | 63.6 | 50.7 |
| April | 82.1 | 56.7 | 61.3 | 70.3 | 63.2 | 63.7 | 54.9 |
| May | 82.3 | 56.8 | 60.9 | 71.3 | 64.0 | 61.9 | 54.6 |
| June | 78.0 | 52.6 | 56.9 | 70.3 | 60.4 | 57.9 | 49.8 |
| July | 73.5 | 46.4 | 52.8 | 67.2 | 57.2 | 51.7 | 41.7 |
| August | 70.1 | 44.7 | 53.8 | 65.6 | 56.8 | 51.0 | 44.7 |
| September | 73.9 | 48.2 | 51.8 | 66.1 | 57.6 | 56.0 | 46.1 |
| October | 71.0 | 42.6 | 47.6 | 65.0 | 56.1 | 53.3 | 40.9 |
| November | 73.4 | 45.2 | 48.0 | 64.3 | 55.9 | 56.3 | 42.9 |
| December | 75.7 | 44.7 | 48.2 | 63.3 | 56.8 | 58.3 | 44.4 |
| **1988 Average** | **78.5** | **50.5** | **55.1** | **67.3** | **60.0** | **59.0** | **47.7** |

[a] No. 2 fuel oil only.
[b] No. 2 diesel fuel only.
[c] Sales to "other end-users" are all end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.
[d] Values do not equal average of States' prices because some State data used for PAD District averages are not sufficient for publication at the State level.
NA = Not Available.
W = Withheld to avoid disclosure of individual company data.
Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

# Table 37. No. 2 Fuel Oil Prices by Sales Type and Selected States
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Sales to End Users | | | | | Sales for Resale |
|---|---|---|---|---|---|---|
| | To Residential Consumers | To Commercial/ Institutional Consumers | To Industrial Consumers | To Other End Users[a] | Average | |
| **U.S. Average** | | | | | | |
| January | 84.7 | 63.8 | 59.8 | 59.7 | 79.4 | 52.8 |
| February | 83.9 | 59.8 | 58.3 | 58.7 | 77.8 | 49.6 |
| March | 83.1 | 58.5 | 55.9 | 57.5 | 76.1 | 48.2 |
| April | 83.1 | 59.8 | 58.4 | 60.4 | 75.6 | 50.8 |
| May | 81.9 | 57.7 | 56.7 | 57.1 | 71.5 | 50.6 |
| June | 79.1 | 52.2 | 52.9 | 52.2 | 63.9 | 47.1 |
| July | 76.7 | 48.9 | 50.5 | 50.9 | 60.9 | 43.7 |
| August | 73.7 | 50.7 | 50.6 | 50.2 | 60.9 | 44.6 |
| September | 75.9 | 51.1 | 51.5 | 55.0 | 66.3 | 43.6 |
| October | 75.5 | 51.9 | 51.2 | 54.2 | 68.1 | 42.1 |
| November | 77.2 | 55.7 | 53.2 | 52.6 | 70.7 | 45.3 |
| December | 81.4 | 61.5 | 57.6 | 55.2 | 75.6 | 50.5 |
| **1988 Average** | **81.3** | **57.2** | **55.0** | **55.1** | **73.3** | **48.0** |
| **PAD District I Average** | | | | | | |
| January | 86.1 | 66.0 | 61.1 | 59.3 | 81.4 | 54.2 |
| February | 85.4 | 62.4 | 59.7 | 57.9 | 80.2 | 50.9 |
| March | 84.5 | 61.0 | 57.1 | 55.2 | 78.5 | 49.1 |
| April | 84.1 | 61.8 | 58.8 | 58.7 | 78.0 | 52.0 |
| May | 83.0 | 60.3 | 58.0 | 55.6 | 74.5 | 52.1 |
| June | 80.2 | 53.9 | 54.0 | 50.6 | 66.7 | 47.8 |
| July | 77.7 | 50.3 | 50.7 | 49.1 | 63.1 | 44.2 |
| August | 74.1 | 52.7 | 51.3 | 48.9 | 62.7 | 45.1 |
| September | 77.1 | 53.8 | 52.6 | 51.7 | 69.5 | 43.5 |
| October | 76.8 | 54.3 | 51.7 | 50.2 | 70.4 | 42.1 |
| November | 78.5 | 57.8 | 53.9 | 49.8 | 72.6 | 45.8 |
| December | 83.1 | 63.2 | 58.2 | 54.1 | 77.3 | 51.7 |
| **1988 Average** | **82.7** | **59.9** | **56.1** | **53.1** | **75.8** | **49.2** |
| **Subdistrict IA Average** | | | | | | |
| January | 85.5 | 67.4 | 68.2 | 59.8 | 82.2 | 56.2 |
| February | 84.6 | 62.8 | 66.0 | 60.8 | 80.6 | 52.0 |
| March | 83.4 | 62.4 | 62.9 | 55.2 | 79.1 | 50.5 |
| April | 83.3 | 65.9 | 64.1 | 59.3 | 80.0 | 53.1 |
| May | 82.6 | 66.2 | 64.1 | 54.4 | 77.4 | 53.1 |
| June | 80.2 | 58.9 | 58.7 | 49.6 | 73.2 | 48.6 |
| July | 78.0 | 48.9 | 57.0 | 49.7 | 67.2 | 45.0 |
| August | 76.8 | 55.0 | 56.6 | 48.5 | 69.9 | 45.4 |
| September | 78.3 | 58.6 | 53.3 | 51.6 | 74.0 | 44.2 |
| October | 76.7 | 60.2 | 52.4 | 49.6 | 73.5 | 42.5 |
| November | 77.8 | 60.7 | 56.4 | 51.7 | 74.5 | 46.1 |
| December | 82.5 | 65.8 | 63.0 | 58.2 | 79.7 | 52.3 |
| **1988 Average** | **82.1** | **62.5** | **60.9** | **55.4** | **78.1** | **50.2** |
| **Connecticut** | | | | | | |
| January | 88.9 | 66.9 | NA | 65.8 | 84.5 | 56.1 |
| February | 89.0 | 66.0 | NA | NA | 84.7 | 52.2 |
| March | 87.4 | 62.0 | 63.6 | NA | 82.0 | 50.4 |
| April | 88.1 | 64.1 | 64.4 | 58.8 | 82.6 | 53.1 |
| May | 87.6 | 64.9 | 62.0 | NA | 82.3 | 53.2 |
| June | 86.4 | 58.0 | 56.4 | 60.5 | 77.4 | 49.0 |
| July | 83.5 | 46.1 | NA | NA | 61.9 | 44.6 |
| August | 81.9 | 53.7 | 53.0 | 50.1 | 71.3 | 44.6 |
| September | 80.8 | 55.2 | 53.9 | 62.9 | 74.7 | 45.9 |
| October | 79.9 | 57.3 | 53.2 | 52.9 | 76.0 | 42.8 |
| November | 80.5 | 59.6 | 57.1 | 61.8 | 76.6 | 47.2 |
| December | 84.4 | 66.4 | 62.1 | 63.3 | 81.2 | 53.8 |
| **1988 Average** | **85.3** | **60.9** | **60.6** | **63.2** | **80.1** | **50.7** |

See footnotes at end of table.

# Table 37. No. 2 Fuel Oil Prices by Sales Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Sales to End Users | | | | | Sales for Resale |
|---|---|---|---|---|---|---|
| | To Residential Consumers | To Commercial/ Institutional Consumers | To Industrial Consumers | To Other End Users[a] | Average | |
| **Maine** | | | | | | |
| January | 80.3 | 74.0 | 69.4 | 59.8 | 79.2 | 57.7 |
| February | 79.7 | 73.8 | 68.4 | 60.6 | 78.9 | 52.6 |
| March | 79.2 | 68.9 | 67.0 | 49.5 | 76.3 | 51.1 |
| April | 78.7 | 70.1 | 63.0 | 64.0 | 77.3 | 54.5 |
| May | 77.6 | 69.3 | 63.7 | W | 70.8 | 54.0 |
| June | 75.4 | 61.1 | 54.4 | 59.7 | 71.4 | 49.6 |
| July | 73.3 | 59.9 | 54.4 | 57.4 | 69.6 | 46.2 |
| August | 75.7 | 58.2 | 54.1 | 56.5 | 71.5 | 45.6 |
| September | 71.7 | 67.9 | 55.6 | 58.5 | 70.0 | 43.0 |
| October | 69.0 | 62.3 | 53.5 | 56.1 | 67.0 | 42.4 |
| November | 72.0 | 62.1 | 56.4 | 56.0 | 69.5 | 45.6 |
| December | 80.2 | 69.8 | 68.2 | 58.7 | 77.6 | 53.2 |
| **1988 Average** | **77.7** | **67.6** | **61.1** | **54.2** | **75.1** | **50.3** |
| **Massachusetts** | | | | | | |
| January | 85.6 | 64.9 | 65.9 | 56.2 | 81.1 | 56.1 |
| February | 84.1 | 58.3 | 63.9 | 54.8 | 77.9 | 51.6 |
| March | 83.3 | 59.9 | 61.9 | 53.5 | 77.6 | 50.5 |
| April | 83.2 | 64.4 | 65.3 | 55.6 | 79.3 | 52.6 |
| May | 82.3 | 64.1 | 67.7 | 55.5 | 77.5 | 52.5 |
| June | 78.3 | 55.1 | 64.0 | 47.6 | 70.0 | 48.5 |
| July | 77.1 | 49.5 | 63.5 | 46.2 | 69.6 | 44.8 |
| August | 74.2 | 53.0 | NA | 46.4 | 66.9 | 46.2 |
| September | 80.0 | 55.2 | 50.9 | 46.0 | 75.4 | 43.9 |
| October | 77.7 | 60.5 | 54.0 | 43.4 | 74.6 | 42.5 |
| November | 77.9 | 59.7 | 58.0 | 45.8 | 74.4 | 45.9 |
| December | 82.8 | 62.7 | 63.9 | 54.2 | 79.7 | 51.4 |
| **1988 Average** | **82.1** | **60.5** | **62.8** | **51.7** | **77.4** | **50.2** |
| **New Hampshire** | | | | | | |
| January | 82.5 | 68.1 | 62.6 | 58.6 | 80.5 | 55.6 |
| February | 81.6 | 64.0 | 58.6 | W | 79.5 | 52.0 |
| March | 80.3 | 62.2 | 56.7 | 52.2 | 78.2 | 49.7 |
| April | 79.0 | 65.7 | 58.2 | W | 76.7 | 52.6 |
| May | 78.3 | 68.2 | 59.0 | W | 75.2 | 51.2 |
| June | 79.3 | 62.0 | 54.7 | W | 73.1 | 49.9 |
| July | 76.6 | 58.2 | 50.6 | W | 69.6 | 45.1 |
| August | 73.8 | 56.8 | 50.2 | W | 68.6 | 44.6 |
| September | 73.3 | 56.5 | 48.7 | W | 70.0 | 43.9 |
| October | 71.5 | 55.6 | 45.4 | W | 68.3 | 43.3 |
| November | 72.3 | 59.3 | 50.0 | 48.3 | 70.2 | 45.6 |
| December | 77.3 | 64.8 | 58.7 | W | 75.5 | 52.6 |
| **1988 Average** | **78.2** | **62.4** | **54.3** | **54.5** | **75.6** | **49.4** |
| **Rhode Island** | | | | | | |
| January | 87.1 | 77.9 | 76.2 | 68.2 | 86.3 | 55.9 |
| February | 86.4 | 77.6 | 76.3 | 70.9 | 85.6 | 51.9 |
| March | 84.7 | 74.3 | 65.4 | 54.1 | 83.4 | 50.7 |
| April | 85.4 | 73.4 | 69.0 | W | 84.2 | 53.7 |
| May | 85.1 | 74.1 | 67.1 | W | 83.0 | 55.2 |
| June | 81.4 | 73.2 | 65.5 | 48.5 | 78.8 | 47.4 |
| July | 76.3 | 60.1 | 57.1 | 44.1 | 71.5 | 45.2 |
| August | 79.7 | 60.9 | 52.2 | W | 74.1 | 46.0 |
| September | 78.4 | 66.3 | 51.6 | W | 76.3 | 42.7 |
| October | 75.5 | 64.6 | 50.6 | 45.8 | 73.4 | 41.8 |
| November | 79.7 | 65.0 | 53.3 | 49.9 | 77.3 | 45.1 |
| December | 83.4 | 70.6 | 61.9 | 57.0 | 81.6 | 52.1 |
| **1988 Average** | **83.6** | **71.3** | **63.8** | **50.1** | **81.8** | **49.8** |

See footnotes at end of table.

## Table 37. No. 2 Fuel Oil Prices by Sales Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Sales to End Users | | | | | Sales for Resale |
|---|---|---|---|---|---|---|
| | To Residential Consumers | To Commercial/ Institutional Consumers | To Industrial Consumers | To Other End Users[a] | Average | |
| **Vermont** | | | | | | |
| January | 85.9 | 76.3 | 67.4 | 70.8 | 83.2 | 57.7 |
| February | 85.9 | 74.6 | 64.4 | 74.0 | 83.1 | 54.7 |
| March | 85.0 | 74.4 | 59.8 | 73.4 | 82.2 | 52.7 |
| April | 85.0 | 73.2 | 63.3 | 70.8 | 81.7 | 55.0 |
| May | 84.4 | 72.0 | 62.6 | 62.9 | 79.9 | 55.4 |
| June | 83.8 | 63.1 | 57.6 | 60.2 | 77.1 | 50.8 |
| July | 81.3 | 63.6 | 53.9 | 56.6 | 74.9 | 46.8 |
| August | 80.3 | 66.2 | 55.4 | 57.8 | 75.4 | 48.6 |
| September | 78.5 | 69.8 | 55.9 | 57.1 | 75.5 | 46.6 |
| October | 77.0 | 68.7 | 51.5 | 54.6 | 74.1 | 45.4 |
| November | 77.8 | 69.7 | 54.1 | 59.1 | 75.1 | 50.2 |
| December | 81.6 | 73.6 | 61.4 | 64.3 | 79.3 | 55.9 |
| **1988 Average** | **82.6** | **72.3** | **61.1** | **64.8** | **79.5** | **52.7** |
| **Subdistrict IB Average** | | | | | | |
| January | 87.0 | 67.9 | 61.8 | 60.7 | 82.9 | 53.6 |
| February | 86.3 | 64.8 | 60.2 | 58.8 | 82.0 | 50.8 |
| March | 85.4 | 63.5 | 57.6 | 53.9 | 80.3 | 48.8 |
| April | 84.8 | 63.5 | 58.8 | 58.9 | 79.7 | 51.7 |
| May | 83.5 | 62.8 | 58.0 | 55.9 | 76.8 | 52.2 |
| June | 80.7 | 54.9 | 54.5 | 48.7 | 67.9 | 47.9 |
| July | 77.9 | 54.8 | 50.5 | 47.1 | 65.4 | 43.9 |
| August | 72.8 | 56.2 | 50.8 | 46.3 | 62.7 | 45.0 |
| September | 77.0 | 57.2 | 53.1 | 48.7 | 70.1 | 43.2 |
| October | 77.1 | 56.1 | 52.0 | 46.7 | 70.7 | 42.0 |
| November | 79.1 | 60.7 | 54.3 | 48.2 | 73.3 | 45.8 |
| December | 83.9 | 65.0 | 57.6 | 53.2 | 77.5 | 51.6 |
| **1988 Average** | **83.5** | **62.5** | **56.2** | **51.4** | **77.2** | **49.0** |
| **Delaware** | | | | | | |
| January | 83.9 | 71.4 | 58.9 | 55.3 | 82.0 | 53.4 |
| February | 83.2 | 65.4 | 55.5 | 52.2 | 79.5 | 49.5 |
| March | 81.5 | 60.0 | 53.0 | 50.7 | 78.7 | 47.1 |
| April | 82.5 | 66.6 | 59.4 | 54.5 | 79.0 | 53.8 |
| May | 82.5 | 71.0 | 56.1 | W | 73.6 | 51.1 |
| June | 80.9 | 74.8 | 53.3 | W | 67.7 | 46.8 |
| July | 73.4 | 55.2 | 48.5 | W | 53.0 | 43.1 |
| August | 73.9 | 72.9 | 49.0 | 44.0 | 54.8 | 44.4 |
| September | 72.6 | 57.6 | 48.9 | 44.9 | 63.6 | 42.3 |
| October | 71.8 | 56.9 | 48.6 | W | 66.3 | 42.6 |
| November | 74.8 | 65.5 | 55.3 | W | 68.9 | 44.1 |
| December | 79.6 | 61.7 | 56.4 | 51.6 | 75.2 | 50.5 |
| **1988 Average** | **80.1** | **64.8** | **54.0** | **46.8** | **74.1** | **47.8** |
| **District of Columbia** | | | | | | |
| January | 95.8 | 64.8 | 63.7 | W | 73.2 | 53.0 |
| February | 96.0 | 62.6 | - | W | 71.4 | 49.7 |
| March | 93.1 | 60.2 | W | W | 68.9 | 48.0 |
| April | 91.8 | 61.8 | W | W | 66.9 | 51.1 |
| May | 93.9 | 60.6 | - | W | 64.6 | 51.0 |
| June | 89.7 | 51.2 | - | - | 53.1 | 45.6 |
| July | 87.6 | 47.2 | - | - | 48.4 | 43.5 |
| August | 85.9 | 49.1 | W | - | 52.0 | 45.1 |
| September | 85.8 | 54.0 | - | - | 61.3 | 42.4 |
| October | 84.1 | 55.2 | - | - | 66.5 | 42.0 |
| November | 85.6 | 56.2 | W | - | 66.2 | 45.3 |
| December | 89.8 | 59.4 | W | - | 69.0 | 50.7 |
| **1988 Average** | **91.6** | **58.7** | **60.6** | W | **66.8** | **48.6** |

See footnotes at end of table.

## Table 37. No. 2 Fuel Oil Prices by Sales Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Sales to End Users | | | | | Sales for Resale |
|---|---|---|---|---|---|---|
| | To Residential Consumers | To Commercial/ Institutional Consumers | To Industrial Consumers | To Other End Users[a] | Average | |
| **Maryland** | | | | | | |
| January | 90.9 | 62.5 | 56.1 | 66.2 | 84.4 | 56.4 |
| February | 90.3 | 59.5 | 53.2 | 66.0 | 83.5 | 54.5 |
| March | 88.2 | 57.3 | 50.5 | 63.8 | 82.3 | 50.7 |
| April | 89.1 | 59.4 | 54.4 | 66.4 | 81.7 | 55.0 |
| May | 87.9 | 58.0 | 52.9 | 55.3 | 76.0 | 52.8 |
| June | 86.8 | 49.4 | 49.7 | 49.9 | 58.7 | 48.0 |
| July | 85.0 | 47.8 | 46.1 | 45.9 | 57.9 | 43.8 |
| August | 84.2 | 49.6 | 46.1 | 46.1 | 58.3 | 45.2 |
| September | 76.0 | 52.1 | 46.4 | 51.2 | 67.9 | 43.8 |
| October | 78.3 | 53.7 | 44.3 | 51.4 | 71.2 | 42.9 |
| November | 81.3 | 56.3 | 48.7 | 47.8 | 72.3 | 46.3 |
| December | 85.0 | 59.7 | 53.2 | 53.9 | 76.7 | 51.9 |
| **1988 Average** | **87.0** | **56.4** | **50.4** | **52.8** | **76.6** | **50.7** |
| **New Jersey** | | | | | | |
| January | 88.1 | 63.6 | 60.1 | 57.1 | 81.5 | 52.2 |
| February | 87.7 | 61.2 | 58.9 | 54.4 | 80.6 | 49.7 |
| March | 86.8 | 59.3 | 57.0 | 54.7 | 79.2 | 47.3 |
| April | 85.8 | 60.4 | 59.0 | 56.7 | 79.0 | 50.1 |
| May | 85.4 | 58.9 | 58.1 | 57.9 | 76.8 | 51.3 |
| June | 82.5 | 54.7 | 51.1 | 44.5 | 65.7 | 46.9 |
| July | 80.9 | 53.1 | 47.7 | 44.3 | 64.9 | 43.0 |
| August | 78.6 | 52.1 | 48.0 | 45.1 | 60.7 | 44.1 |
| September | 76.3 | 53.4 | 51.5 | 47.4 | 68.5 | 42.5 |
| October | 77.8 | 56.4 | 48.7 | 41.5 | 70.3 | 41.6 |
| November | 78.8 | 60.6 | 51.3 | 47.6 | 70.0 | 45.2 |
| December | 84.0 | 61.3 | 58.1 | 53.2 | 75.4 | 50.9 |
| **1988 Average** | **84.8** | **60.1** | **54.6** | **48.1** | **76.1** | **48.1** |
| **New York** | | | | | | |
| January | 89.1 | 73.5 | 61.2 | 60.4 | 85.7 | 54.5 |
| February | 88.4 | 70.0 | 58.4 | 58.3 | 84.8 | 52.5 |
| March | 87.3 | 69.1 | 56.3 | 54.9 | 83.6 | 50.5 |
| April | 86.7 | 70.1 | 59.1 | 57.1 | 83.0 | 52.8 |
| May | 84.9 | 70.0 | 60.3 | 57.7 | 81.1 | 53.3 |
| June | 83.5 | 66.7 | 56.2 | 54.6 | 77.4 | 49.3 |
| July | 81.7 | 63.5 | 53.3 | 49.1 | 71.4 | 45.2 |
| August | 78.0 | 64.1 | 53.4 | 47.3 | 68.8 | 46.2 |
| September | 83.0 | 61.8 | 58.0 | 49.3 | 76.1 | 44.4 |
| October | 81.7 | 59.2 | 58.9 | 47.4 | 75.0 | 42.2 |
| November | 83.3 | 64.6 | 60.1 | 48.2 | 78.6 | 46.6 |
| December | 87.8 | 71.7 | 58.1 | 53.8 | 83.6 | 53.3 |
| **1988 Average** | **86.3** | **68.3** | **58.2** | **51.4** | **81.5** | **50.4** |
| **Pennsylvania** | | | | | | |
| January | 82.9 | 64.2 | 64.4 | 59.5 | 80.3 | 54.5 |
| February | 82.0 | 60.8 | 63.5 | 57.6 | 79.4 | 50.9 |
| March | 81.1 | 59.0 | 59.4 | 51.8 | 76.2 | 48.9 |
| April | 80.5 | 55.6 | 58.9 | 57.2 | 75.4 | 51.9 |
| May | 79.1 | 56.4 | 57.2 | 56.2 | 71.6 | 52.6 |
| June | 74.6 | 49.7 | 56.1 | 50.7 | 63.5 | 48.3 |
| July | 71.1 | 49.9 | 51.0 | 48.0 | 63.3 | 44.3 |
| August | 63.9 | 48.7 | 52.5 | 46.6 | 58.7 | 45.2 |
| September | 68.6 | 51.8 | 49.5 | 48.1 | 63.1 | 43.4 |
| October | 69.5 | 49.3 | 47.5 | 45.8 | 64.2 | 42.1 |
| November | 70.9 | 55.2 | 51.2 | 49.0 | 66.7 | 45.8 |
| December | 76.5 | 60.8 | 57.5 | 53.0 | 69.8 | 51.2 |
| **1988 Average** | **77.8** | **56.4** | **56.5** | **52.1** | **72.4** | **48.8** |

See footnotes at end of table.

## Table 37. No. 2 Fuel Oil Prices by Sales Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Sales to End Users | | | | | Sales for Resale |
|---|---|---|---|---|---|---|
| | To Residential Consumers | To Commercial/ Institutional Consumers | To Industrial Consumers | To Other End Users[a] | Average | |
| **Subdistrict IC Average[b]** | | | | | | |
| January | 80.4 | 57.0 | 54.8 | 57.0 | 70.4 | 51.8 |
| February | 80.1 | 54.9 | 56.0 | 56.0 | 67.7 | 48.6 |
| March | 80.3 | 53.2 | 52.2 | 57.1 | 65.8 | 47.4 |
| April | 80.7 | 54.2 | 54.5 | 58.4 | 62.6 | 51.1 |
| May | 80.0 | 52.3 | 54.3 | 56.1 | 61.2 | 50.0 |
| June | 77.1 | 49.5 | 50.1 | 53.0 | 56.0 | 46.8 |
| July | 75.5 | 45.8 | 47.4 | 51.9 | 53.1 | 44.0 |
| August | 74.4 | 47.1 | 48.1 | 54.2 | 55.2 | 45.0 |
| September | 74.6 | 45.1 | 50.8 | 55.5 | 60.2 | 43.4 |
| October | 75.4 | 44.0 | 50.6 | 57.2 | 63.2 | 42.1 |
| November | 76.7 | 47.1 | 51.1 | 53.3 | 63.0 | 45.5 |
| December | 79.7 | 52.9 | 56.7 | 55.6 | 68.7 | 50.5 |
| **1988 Average** | **78.6** | **50.9** | **52.7** | **55.2** | **63.9** | **47.4** |
| **Virginia** | | | | | | |
| January | 82.7 | 63.5 | 50.6 | 61.8 | 76.1 | 52.2 |
| February | 83.4 | 61.8 | 48.9 | 53.1 | 74.4 | 48.6 |
| March | 83.8 | 58.7 | 47.2 | 59.0 | 75.2 | 47.2 |
| April | 83.0 | 57.4 | 49.7 | 56.5 | 70.2 | 51.0 |
| May | 81.7 | 54.4 | 48.6 | 55.7 | 71.0 | 50.0 |
| June | 79.1 | 50.4 | 46.2 | 49.1 | 61.2 | 46.3 |
| July | 77.3 | 47.0 | 44.6 | 45.4 | 55.8 | 43.8 |
| August | 77.0 | 48.4 | 46.9 | 48.1 | 60.6 | 44.5 |
| September | 75.8 | 46.9 | 52.2 | 53.8 | 63.5 | 43.1 |
| October | 74.8 | 48.2 | 55.3 | 57.9 | 66.9 | 41.8 |
| November | 77.1 | 50.3 | 56.0 | 54.8 | 67.4 | 45.5 |
| December | 79.6 | 56.7 | 60.9 | 60.1 | 71.2 | 50.3 |
| **1988 Average** | **80.5** | **55.2** | **52.1** | **54.6** | **70.1** | **47.6** |
| **West Virginia** | | | | | | |
| January | 78.7 | 66.7 | 63.8 | 60.7 | 76.4 | 54.4 |
| February | 76.1 | 62.4 | W | 58.9 | 73.0 | 51.1 |
| March | 75.6 | 61.6 | W | 49.7 | 68.0 | 50.9 |
| April | 74.6 | 59.4 | 57.2 | 57.3 | 69.9 | 53.0 |
| May | 73.6 | 57.7 | 58.8 | 52.0 | 61.1 | 51.4 |
| June | 71.8 | 56.7 | 54.5 | 52.2 | 60.8 | 49.3 |
| July | 70.3 | 53.0 | 52.5 | 45.4 | 59.9 | 46.8 |
| August | 67.9 | 52.9 | W | 45.3 | 52.2 | 47.3 |
| September | 69.3 | 55.8 | W | 46.6 | 63.9 | 46.5 |
| October | 71.3 | 58.0 | 54.7 | 45.6 | 65.5 | 46.3 |
| November | 74.1 | 59.2 | 56.4 | 46.4 | 67.0 | 49.2 |
| December | 73.9 | 61.0 | W | 53.3 | 70.1 | 53.1 |
| **1988 Average** | **74.2** | **59.6** | **57.7** | **48.7** | **66.9** | **49.9** |
| **PAD District II Average[b]** | | | | | | |
| January | 77.1 | 56.2 | 56.8 | 60.5 | 70.5 | 51.1 |
| February | 76.2 | 52.9 | 55.0 | 59.7 | 68.8 | 48.3 |
| March | 75.5 | 52.4 | 53.7 | 61.3 | 66.8 | 48.7 |
| April | 76.9 | 55.2 | 58.1 | 63.9 | 66.8 | 52.9 |
| May | 75.1 | 53.7 | 53.6 | 60.3 | 61.8 | 51.1 |
| June | 73.4 | 48.9 | 51.4 | 54.3 | 56.6 | 47.3 |
| July | 72.1 | 46.3 | 49.5 | 55.6 | 55.2 | 44.7 |
| August | 71.7 | 47.5 | 50.2 | 52.3 | 56.0 | 45.9 |
| September | 70.9 | 48.1 | 49.6 | 59.4 | 60.1 | 44.9 |
| October | 70.6 | 47.7 | 49.2 | 59.9 | 62.0 | 43.9 |
| November | 71.7 | 51.0 | 51.2 | 59.4 | 64.6 | 47.1 |
| December | 73.4 | 54.4 | 55.7 | 60.9 | 68.5 | 50.0 |
| **1988 Average** | **74.3** | **51.3** | **53.1** | **58.9** | **64.9** | **48.0** |

See footnotes at end of table.

## Table 37. No. 2 Fuel Oil Prices by Sales Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Sales to End Users | | | | | Sales for Resale |
|---|---|---|---|---|---|---|
| | To Residential Consumers | To Commercial/ Institutional Consumers | To Industrial Consumers | To Other End Users[a] | Average | |
| **Illinois** | | | | | | |
| January | 85.4 | 55.7 | 54.9 | 63.3 | 69.1 | 50.6 |
| February | 86.1 | 51.6 | 50.4 | 60.3 | 68.3 | 47.5 |
| March | 86.1 | 52.4 | 52.0 | 61.0 | 65.8 | 48.4 |
| April | 87.4 | 56.2 | 59.0 | 63.7 | 64.3 | 53.0 |
| May | 86.7 | 53.0 | 51.1 | 62.4 | 58.4 | 51.3 |
| June | 82.9 | 47.5 | 51.9 | 57.0 | 53.0 | 46.8 |
| July | 83.8 | 45.3 | 53.8 | 54.6 | 50.8 | 44.3 |
| August | 80.3 | 46.5 | 53.1 | 51.6 | 51.1 | 46.0 |
| September | 68.6 | 54.6 | 49.2 | 56.3 | 58.4 | 45.0 |
| October | 69.4 | 52.8 | 56.0 | 57.7 | 60.6 | 43.7 |
| November | 70.6 | 56.0 | 57.0 | 59.8 | 63.3 | 46.3 |
| December | 73.1 | 60.7 | 62.1 | 62.3 | 67.2 | 49.4 |
| **1988 Average** | **77.6** | **52.8** | **54.2** | **60.0** | **62.4** | **47.7** |
| **Indiana** | | | | | | |
| January | 78.3 | 51.3 | 56.7 | 52.6 | 64.5 | 50.2 |
| February | 76.7 | 51.4 | 55.7 | 56.1 | 65.1 | 47.5 |
| March | 77.4 | 49.5 | 51.5 | 60.6 | 64.1 | 47.5 |
| April | 79.0 | 53.3 | 58.6 | 65.1 | 63.5 | 53.1 |
| May | 76.6 | 51.7 | 59.3 | 57.1 | 59.0 | 51.0 |
| June | 80.1 | 45.3 | 53.6 | 49.5 | 50.8 | 46.0 |
| July | 74.0 | 43.6 | 48.8 | 50.3 | 48.4 | 43.8 |
| August | 74.1 | 45.9 | 51.9 | 49.4 | 51.8 | 45.2 |
| September | 69.5 | 47.4 | 53.1 | 51.4 | 55.0 | 44.6 |
| October | 71.2 | 46.2 | 51.5 | 56.9 | 58.8 | 43.6 |
| November | 72.1 | 49.2 | 53.1 | 57.8 | 62.6 | 46.7 |
| December | 75.3 | 55.0 | 57.3 | 63.1 | 68.7 | 50.4 |
| **1988 Average** | **75.4** | **48.9** | **54.2** | **54.6** | **60.7** | **47.5** |
| **Michigan** | | | | | | |
| January | 81.2 | 62.5 | 70.1 | 64.9 | 76.1 | 53.8 |
| February | 80.9 | 57.0 | 67.6 | 56.3 | 73.8 | 50.1 |
| March | 78.2 | 60.3 | 71.5 | 63.6 | 72.9 | 49.9 |
| April | 78.8 | 57.2 | 69.7 | 63.1 | 70.8 | 55.5 |
| May | 77.5 | 57.9 | 57.4 | 60.9 | 67.8 | 53.2 |
| June | 73.7 | 52.0 | 54.9 | 56.1 | 62.9 | 48.3 |
| July | 73.3 | 49.6 | 54.0 | 63.2 | 62.4 | 45.7 |
| August | 73.9 | 50.6 | 56.3 | 57.1 | 63.7 | 46.5 |
| September | 74.2 | 46.1 | 55.5 | 60.4 | 63.6 | 46.3 |
| October | 75.4 | 46.3 | 57.8 | 68.8 | 67.1 | 46.0 |
| November | 75.6 | 48.0 | 56.0 | 59.2 | 68.6 | 48.9 |
| December | 77.0 | 51.3 | 57.4 | 65.4 | 71.8 | 51.2 |
| **1988 Average** | **77.5** | **53.8** | **61.5** | **61.6** | **69.6** | **49.6** |
| **Minnesota** | | | | | | |
| January | 75.5 | 55.5 | 56.4 | 54.0 | 70.5 | 50.8 |
| February | 74.4 | 55.5 | 55.5 | 64.2 | 70.2 | 48.2 |
| March | 72.6 | 55.1 | 52.8 | 65.9 | 68.2 | 49.7 |
| April | 73.1 | 53.3 | 57.1 | 69.9 | 65.1 | 53.6 |
| May | 74.3 | 51.6 | 53.6 | 68.6 | 60.7 | 51.5 |
| June | 73.5 | 48.1 | 51.7 | 56.6 | 56.3 | 48.8 |
| July | 75.7 | 46.0 | 48.3 | 56.2 | 57.5 | 45.9 |
| August | 72.2 | 48.2 | 50.7 | 55.0 | 59.5 | 46.6 |
| September | 72.4 | 47.3 | 47.9 | 54.3 | 64.2 | 45.7 |
| October | 71.1 | 47.4 | 45.5 | 62.5 | 66.1 | 45.1 |
| November | 72.7 | 51.6 | 48.8 | 65.1 | 68.8 | 48.0 |
| December | 73.0 | 51.5 | 50.9 | W | 69.5 | 50.3 |
| **1988 Average** | **73.5** | **51.9** | **52.3** | **59.1** | **67.1** | **48.6** |

See footnotes at end of table.

## Table 37. No. 2 Fuel Oil Prices by Sales Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Sales to End Users | | | | | Sales for Resale |
|---|---|---|---|---|---|---|
| | To Residential Consumers | To Commercial/ Institutional Consumers | To Industrial Consumers | To Other End Users[a] | Average | |
| **Ohio** | | | | | | |
| January | 77.2 | 52.9 | 58.4 | 56.4 | 69.8 | 54.0 |
| February | 77.1 | 50.6 | 55.9 | 55.1 | 68.0 | 51.6 |
| March | 76.1 | 48.4 | 53.7 | 50.2 | 62.9 | 49.9 |
| April | 77.1 | 53.4 | 59.5 | 54.5 | 65.0 | 54.6 |
| May | 74.5 | 52.3 | 53.3 | 53.9 | 58.7 | 52.6 |
| June | 71.9 | 48.0 | 52.8 | 49.0 | 53.3 | 48.3 |
| July | 70.0 | 45.0 | 51.6 | 47.4 | 50.9 | 45.7 |
| August | 69.2 | 46.1 | 53.2 | 47.2 | 52.8 | 47.1 |
| September | 72.0 | 45.4 | 46.9 | 56.9 | 59.3 | 46.2 |
| October | 71.2 | 45.2 | 46.6 | 52.0 | 60.4 | 45.1 |
| November | 73.0 | 51.1 | 49.5 | 51.9 | 63.4 | 49.6 |
| December | 75.2 | 53.6 | 54.7 | 52.8 | 68.2 | 52.2 |
| **1988 Average** | **74.7** | **49.3** | **53.3** | **51.6** | **62.9** | **50.1** |
| **Wisconsin** | | | | | | |
| January | 76.9 | 63.4 | 53.4 | 68.0 | 75.1 | 51.3 |
| February | 76.0 | 59.6 | 53.4 | 67.8 | 74.2 | 48.2 |
| March | 75.8 | 61.2 | 56.5 | 65.6 | 73.7 | 48.9 |
| April | 77.7 | 61.2 | 59.5 | 68.7 | 74.5 | 54.6 |
| May | 76.8 | 59.4 | 54.3 | 68.2 | 71.0 | 51.3 |
| June | 74.6 | 56.4 | 49.2 | 58.0 | 65.5 | 47.4 |
| July | 72.7 | 56.0 | 46.8 | 57.6 | 63.2 | 44.0 |
| August | 71.2 | 54.3 | 47.6 | 52.8 | 61.2 | 45.6 |
| September | 68.8 | 51.6 | 51.2 | 65.9 | 64.1 | 44.2 |
| October | 68.0 | 55.2 | 49.0 | 58.8 | 64.5 | 43.1 |
| November | 69.9 | 56.4 | 56.2 | 64.6 | 68.2 | 47.0 |
| December | 71.6 | 58.5 | 59.4 | 61.6 | 70.3 | 49.5 |
| **1988 Average** | **73.9** | **58.1** | **52.1** | **63.7** | **70.9** | **47.8** |
| **PAD District III Average** | | | | | | |
| January | 64.4 | 48.0 | 50.7 | 49.3 | 49.2 | 48.5 |
| February | 61.3 | 44.7 | 48.0 | 49.4 | 45.5 | 45.9 |
| March | 61.2 | 43.8 | 45.0 | 48.0 | 44.6 | 44.0 |
| April | 61.6 | 49.0 | 52.7 | 53.5 | 50.5 | 44.9 |
| May | 62.4 | 47.5 | 51.1 | 52.3 | 48.8 | 46.0 |
| June | NA | 45.0 | 45.0 | 52.7 | 45.7 | 43.9 |
| July | 70.2 | 41.6 | 44.1 | 51.3 | 43.2 | 40.9 |
| August | 68.2 | 43.2 | 42.4 | 47.6 | 44.5 | 41.7 |
| September | 54.8 | 42.0 | 41.7 | 48.4 | 42.5 | 41.2 |
| October | 54.9 | 40.7 | 42.2 | 50.8 | 41.6 | 39.1 |
| November | 58.9 | 43.2 | 41.1 | 48.3 | 43.4 | 41.1 |
| December | 61.5 | 45.7 | 51.0 | 49.9 | 46.6 | 45.7 |
| **1988 Average** | **62.8** | **44.2** | **44.0** | **49.5** | **45.1** | **43.9** |
| **PAD District IV Average[b]** | | | | | | |
| January | 73.3 | 48.4 | 62.8 | 71.8 | 63.7 | 53.6 |
| February | 71.3 | 46.1 | 60.0 | 65.5 | 60.0 | 50.2 |
| March | 70.5 | 47.8 | 55.2 | 62.8 | 60.7 | 52.4 |
| April | 73.7 | 52.5 | 57.1 | 63.1 | 61.0 | 55.4 |
| May | 72.6 | 51.7 | 59.3 | 58.6 | 57.9 | 54.9 |
| June | 71.5 | 46.3 | 58.2 | 60.2 | 53.7 | 51.0 |
| July | 70.3 | 45.3 | 52.1 | 53.1 | 52.9 | 47.0 |
| August | 67.6 | 44.9 | 52.1 | 56.5 | 51.4 | 47.1 |
| September | 67.0 | W | 50.6 | 57.8 | 53.4 | 46.7 |
| October | 67.0 | W | 51.7 | 49.3 | 57.2 | 45.8 |
| November | 66.7 | W | W | 53.8 | 60.5 | 48.0 |
| December | 66.9 | 48.1 | 59.0 | 53.8 | 61.6 | 48.7 |
| **1988 Average** | **69.1** | **47.1** | **55.7** | **58.1** | **58.7** | **49.9** |

See footnotes at end of table.

## Table 37. No. 2 Fuel Oil Prices by Sales Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Sales to End Users | | | | | Sales for Resale |
|---|---|---|---|---|---|---|
| | To Residential Consumers | To Commercial/ Institutional Consumers | To Industrial Consumers | To Other End Users[a] | Average | |
| **Idaho** | | | | | | |
| January | 74.4 | 64.2 | W | 71.9 | 73.2 | 58.3 |
| February | 71.7 | 59.3 | W | 66.3 | 69.4 | 54.1 |
| March | 70.6 | W | W | 62.4 | 67.1 | 54.9 |
| April | 73.3 | W | W | 65.7 | 70.0 | 59.0 |
| May | 71.9 | W | W | 63.4 | 67.3 | 60.4 |
| June | 70.5 | W | W | 59.7 | 65.8 | W |
| July | 67.7 | W | W | 56.9 | 62.3 | 50.2 |
| August | 64.3 | W | W | 59.7 | 60.3 | W |
| September | 67.4 | - | W | W | 66.3 | 50.1 |
| October | 66.8 | W | W | W | 66.1 | 49.7 |
| November | 66.6 | - | W | W | 66.2 | 49.3 |
| December | 66.9 | W | 61.5 | 62.6 | 66.1 | 52.0 |
| **1988 Average** | **68.8** | **58.2** | **58.7** | **64.5** | **67.3** | W |
| **PAD District V Average[b]** | | | | | | |
| January | 80.6 | 66.7 | 55.7 | 60.1 | 76.4 | 54.7 |
| February | 79.1 | 65.6 | 56.2 | 60.7 | 74.5 | 54.5 |
| March | 79.3 | 65.2 | 56.7 | 60.9 | 73.5 | 53.9 |
| April | 80.3 | 64.6 | 56.4 | 57.8 | 73.2 | 55.5 |
| May | 79.7 | 64.1 | 56.6 | 57.6 | 69.2 | 56.6 |
| June | 77.8 | 62.0 | 55.7 | 59.0 | 67.4 | 53.3 |
| July | 72.8 | 60.6 | 54.0 | 57.1 | 63.4 | 46.9 |
| August | 70.6 | 61.1 | 54.5 | 63.0 | 63.9 | 47.3 |
| September | 74.9 | 66.7 | 56.3 | 60.3 | 68.2 | 51.2 |
| October | 71.4 | 63.6 | 52.9 | 58.3 | 67.1 | 45.8 |
| November | 72.7 | 66.1 | 56.5 | 60.5 | 69.5 | 45.5 |
| December | 73.7 | 68.3 | 54.5 | 57.9 | 70.4 | 49.4 |
| **1988 Average** | **76.9** | **64.9** | **55.5** | **59.5** | **71.0** | **51.1** |
| **Alaska** | | | | | | |
| January | 88.3 | 84.2 | W | 78.2 | 87.2 | 64.1 |
| February | 85.6 | 85.4 | W | 89.0 | 85.6 | 63.2 |
| March | 88.7 | 83.2 | 85.3 | 76.4 | 86.9 | 63.9 |
| April | 86.6 | 77.7 | W | 65.2 | 82.8 | 62.6 |
| May | 88.9 | 73.9 | W | W | 66.5 | 61.7 |
| June | 88.1 | 72.0 | W | 69.0 | 78.0 | 62.9 |
| July | 85.5 | 70.2 | W | 63.6 | 75.1 | 61.6 |
| August | 85.7 | 72.1 | W | 67.1 | 72.7 | 60.3 |
| September | 89.7 | 78.9 | W | 64.2 | 80.7 | 62.6 |
| October | 86.2 | 80.1 | NA | 61.6 | 83.8 | 63.0 |
| November | 85.3 | 79.6 | W | NA | 82.8 | 63.0 |
| December | 85.6 | 79.6 | NA | 63.9 | 82.7 | 61.2 |
| **1988 Average** | **86.9** | **78.4** | NA | **62.7** | **80.0** | **62.3** |
| **Oregon** | | | | | | |
| January | 76.0 | 61.1 | W | W | 71.9 | 53.7 |
| February | 74.9 | 59.1 | W | W | 70.1 | 52.5 |
| March | 73.5 | 58.8 | W | 58.2 | 68.2 | 52.9 |
| April | 75.0 | 58.4 | W | 55.9 | 68.2 | 55.3 |
| May | 74.6 | 59.8 | 56.0 | W | 67.9 | 56.3 |
| June | 73.9 | 57.9 | 55.8 | W | 65.3 | 50.2 |
| July | 66.4 | 56.9 | W | 56.5 | 60.7 | 42.9 |
| August | 64.3 | 56.1 | 55.9 | W | 60.2 | 44.9 |
| September | 64.8 | 55.8 | W | 57.9 | 60.3 | 47.2 |
| October | 62.4 | 52.5 | 55.9 | 58.4 | 59.6 | 42.0 |
| November | 63.4 | 52.5 | 55.9 | 59.2 | 60.7 | 42.5 |
| December | 64.2 | 57.4 | W | 58.1 | 62.4 | 43.7 |
| **1988 Average** | **70.9** | **57.7** | **55.5** | **57.3** | **66.0** | **48.7** |

See footnotes at end of table.

## Table 37. No. 2 Fuel Oil Prices by Sales Type and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Sales to End Users | | | | | Sales for Resale |
|---|---|---|---|---|---|---|
| | To Residential Consumers | To Commercial/ Institutional Consumers | To Industrial Consumers | To Other End Users[a] | Average | |
| **Washington** | | | | | | |
| January | 83.2 | 66.0 | W | 56.6 | 79.1 | 53.8 |
| February | 82.1 | 61.6 | 55.7 | 56.1 | 77.3 | 52.6 |
| March | 81.3 | 61.7 | 55.6 | 56.4 | 75.2 | 51.8 |
| April | 82.1 | 60.7 | 55.9 | 54.8 | 74.8 | 54.3 |
| May | 82.3 | 59.7 | 56.1 | 55.4 | 72.7 | 55.4 |
| June | 78.0 | 57.0 | 54.6 | 54.1 | 65.7 | 49.8 |
| July | 73.5 | 54.1 | 52.1 | 54.7 | 61.4 | 42.5 |
| August | 70.1 | 53.3 | 51.8 | 57.5 | 59.9 | 44.2 |
| September | 73.9 | 59.6 | 54.2 | 57.1 | 67.7 | 46.9 |
| October | 71.0 | 48.8 | 50.6 | W | 65.9 | 41.4 |
| November | 73.4 | 60.6 | 54.3 | 60.3 | 70.1 | 41.6 |
| December | 75.7 | 59.2 | 54.4 | 59.6 | 73.0 | 45.1 |
| **1988 Average** | **78.5** | **59.0** | **54.2** | **56.5** | **72.6** | **48.5** |

[a] Sales to "other end-users" are all end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

[b] Values do not equal average of States' prices because some State data used for PAD District averages are not sufficient for publication at the State level.

Dashes (-) = No data reported.

NA = Not Available.

W = Withheld to avoid disclosure of individual company data.

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

# Table 38. Refiner No. 4 and Residual Fuel Oil Prices by PAD District
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | No. 4 Fuel | | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent | | Residual Fuel Oil Sulfur Content Greater Than 1 Percent | | Average Residual | |
|---|---|---|---|---|---|---|---|---|
| | 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 |
| **U.S. Average** | | | | | | | | |
| January | 50.5 | 47.6 | 41.9 | 36.5 | 31.8 | 27.7 | 36.7 | 32.4 |
| February | 51.3 | 45.9 | 40.2 | 35.2 | 31.4 | 27.4 | 35.6 | 32.2 |
| March | 46.6 | 45.4 | 36.9 | 32.4 | 29.0 | 25.0 | 32.9 | 28.6 |
| April | 48.5 | 44.0 | 35.8 | 33.5 | 30.2 | 27.5 | 32.4 | 30.2 |
| May | 46.6 | 45.7 | 36.8 | 34.0 | 32.2 | 29.8 | 33.9 | 31.5 |
| June | 43.5 | 41.6 | 35.3 | 32.9 | 32.3 | 29.0 | 33.6 | 31.0 |
| July | 42.5 | 39.5 | 35.7 | 31.8 | 30.0 | 27.7 | 32.3 | 29.5 |
| August | 41.9 | 40.8 | 36.0 | 32.7 | 30.7 | 28.4 | 33.2 | 30.6 |
| September | 42.9 | 42.1 | 34.7 | 31.4 | 30.1 | 28.4 | 32.1 | 29.5 |
| October | 41.6 | 31.4 | 34.4 | 29.2 | 26.7 | 23.5 | 30.5 | 25.6 |
| November | 43.3 | 38.5 | 36.1 | 31.9 | 27.2 | 24.5 | 32.3 | 28.0 |
| December | 46.3 | 41.7 | 38.8 | 35.6 | 28.6 | 27.0 | 34.3 | 29.8 |
| **1988 Average** | **46.1** | **42.5** | **37.2** | **33.3** | **30.0** | **27.1** | **33.4** | **30.0** |
| **PAD District I Average** | | | | | | | | |
| January | 51.9 | 49.3 | 41.9 | 40.9 | 33.7 | 34.6 | 38.4 | 40.1 |
| February | 53.0 | 49.5 | 40.9 | 39.1 | 33.4 | 33.0 | 37.6 | 38.3 |
| March | 47.7 | 46.1 | 36.5 | 34.8 | 32.1 | 30.2 | 34.8 | 34.3 |
| April | 48.1 | 44.8 | 35.1 | 34.9 | 32.4 | 29.9 | 33.8 | 34.1 |
| May | 46.4 | 45.3 | 35.8 | 35.7 | 34.2 | 32.9 | 35.0 | 34.8 |
| June | 42.9 | 44.1 | 34.4 | 35.3 | 34.6 | 31.6 | 34.5 | 34.1 |
| July | 42.1 | 41.8 | 35.3 | 33.6 | 32.6 | 33.6 | 34.0 | 33.6 |
| August | 42.0 | 42.6 | 35.7 | 34.9 | 33.2 | 31.4 | 34.7 | 34.1 |
| September | 43.5 | 41.7 | 34.1 | 33.3 | 32.4 | 33.3 | 33.3 | 33.3 |
| October | 42.2 | 39.1 | 33.5 | 32.1 | 30.8 | 28.9 | 32.4 | 30.7 |
| November | 44.6 | 41.8 | 36.2 | 35.7 | 29.8 | 29.3 | 33.9 | 33.7 |
| December | 47.1 | 44.6 | 39.1 | 38.7 | 31.2 | 32.0 | 36.4 | 35.5 |
| **1988 Average** | **47.2** | **46.1** | **37.0** | **36.1** | **32.6** | **31.6** | **35.1** | **34.7** |
| **Subdistrict IA Average** | | | | | | | | |
| January | 53.6 | 46.8 | 40.0 | 37.4 | 31.8 | W | 36.0 | 37.2 |
| February | 52.8 | 46.6 | 38.4 | 40.3 | 31.6 | W | 35.1 | 38.8 |
| March | 49.0 | 43.5 | 35.8 | 34.5 | 33.6 | W | 35.1 | 34.4 |
| April | 48.0 | 43.5 | 33.8 | 35.1 | 33.6 | W | 33.7 | 34.9 |
| May | 44.7 | W | 35.7 | 35.5 | W | W | 36.3 | W |
| June | 44.0 | 42.3 | 34.8 | NA | 37.4 | 32.3 | 36.5 | 36.0 |
| July | 41.4 | W | 34.7 | 33.2 | 35.0 | W | 34.9 | 32.9 |
| August | 40.8 | 41.1 | 35.3 | 37.3 | 35.2 | W | 35.2 | 33.6 |
| September | 40.7 | 39.9 | 33.1 | 32.5 | 35.0 | W | 33.9 | 35.1 |
| October | 41.7 | 38.6 | 31.9 | 32.5 | 29.5 | 28.0 | 30.9 | 29.6 |
| November | 44.9 | 39.7 | 34.3 | 34.3 | 27.7 | 32.7 | 32.2 | 33.8 |
| December | 49.0 | 42.4 | 37.4 | 38.6 | 28.3 | 35.6 | 35.0 | 36.9 |
| **1988 Average** | **48.7** | **43.5** | **35.8** | **36.0** | **33.1** | **32.6** | **34.6** | **34.8** |
| **Subdistrict IB Average** | | | | | | | | |
| January | 52.0 | 49.9 | 43.3 | 42.1 | 34.9 | 37.2 | 40.9 | 41.7 |
| February | 53.5 | 50.1 | 42.4 | 38.9 | 35.2 | 34.8 | 40.5 | 38.6 |
| March | 48.3 | 46.7 | 38.2 | 35.1 | 32.9 | 30.8 | 36.7 | 34.7 |
| April | 49.5 | 44.8 | 36.9 | 34.8 | 32.4 | 30.2 | 35.0 | 34.3 |
| May | 48.2 | 45.1 | 37.5 | 35.8 | 33.5 | 33.0 | 35.5 | 34.9 |
| June | 42.8 | 43.6 | 36.3 | 34.6 | 33.6 | 31.2 | 35.2 | 33.7 |
| July | 42.1 | 40.9 | 36.0 | 33.8 | 31.8 | 35.4 | 34.2 | 34.1 |
| August | 42.0 | 42.6 | 36.5 | 34.8 | 32.6 | 32.5 | 35.2 | 34.5 |
| September | 44.4 | 41.8 | 34.8 | 33.5 | 31.1 | 32.2 | 33.4 | 33.1 |
| October | 43.1 | 39.1 | 34.7 | 32.1 | 27.8 | 29.7 | 32.8 | 31.5 |
| November | 45.9 | 42.6 | 38.3 | 36.4 | 28.6 | 28.8 | 35.6 | 34.8 |
| December | 47.9 | 45.5 | 40.5 | 38.8 | 31.9 | 32.0 | 38.4 | 36.0 |
| **1988 Average** | **47.7** | **46.7** | **38.6** | **36.2** | **32.3** | **31.9** | **36.6** | **35.3** |

See footnotes at end of table.

## Table 38. Refiner No. 4 and Residual Fuel Oil Prices by PAD District (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | No. 4 Fuel | | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent | | Residual Fuel Oil Sulfur Content Greater Than 1 Percent | | Average Residual | |
|---|---|---|---|---|---|---|---|---|
| | 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 Average** | | | | | | | | |
| January | 46.4 | 50.3 | 37.0 | W | 33.8 | 31.9 | 34.7 | 32.1 |
| February | 47.0 | 49.9 | 35.8 | W | 33.6 | 31.7 | 34.0 | 31.9 |
| March | 43.9 | 47.9 | 33.0 | W | 30.9 | 29.2 | 31.7 | 29.2 |
| April | 43.6 | 57.8 | 32.7 | W | 31.2 | 29.0 | 31.9 | 29.1 |
| May | 42.2 | 56.8 | W | 35.7 | 32.7 | W | 32.9 | 34.0 |
| June | 43.2 | 58.6 | NA | W | 33.1 | W | 32.7 | 34.0 |
| July | 42.3 | 57.4 | 34.1 | W | 31.4 | 30.3 | 32.7 | 32.2 |
| August | 42.6 | W | 34.5 | W | 32.2 | 30.8 | 33.5 | 30.9 |
| September | 42.7 | 49.2 | 33.0 | W | 32.5 | 32.2 | 32.7 | 31.9 |
| October | 39.9 | 42.3 | 31.1 | 27.1 | 33.8 | 28.5 | 32.7 | 28.4 |
| November | 39.8 | 41.9 | 33.3 | 27.2 | 32.3 | 27.4 | 32.8 | 27.3 |
| December | 41.4 | 42.9 | 35.6 | 31.1 | 31.6 | 28.2 | 33.1 | 28.5 |
| **1988 Average** | **42.7** | **48.5** | **33.6** | **32.6** | **32.5** | **29.9** | **32.9** | **30.4** |
| **PAD District II Average** | | | | | | | | |
| January | 47.1 | 41.1 | 40.6 | 31.1 | W | 29.2 | 32.3 | 29.9 |
| February | 43.4 | 41.1 | 42.8 | 30.7 | 29.3 | W | 32.5 | 28.3 |
| March | W | 42.6 | 38.2 | 32.7 | 27.5 | 25.3 | 29.4 | 27.0 |
| April | W | 44.9 | 34.2 | 30.1 | W | 26.1 | 28.8 | 27.1 |
| May | W | 45.1 | 34.8 | 29.2 | W | 27.6 | 28.7 | 27.8 |
| June | W | 50.7 | 34.7 | W | 29.9 | 27.2 | 31.0 | 27.6 |
| July | W | 41.5 | 34.2 | W | 27.6 | 27.1 | 29.3 | 27.0 |
| August | W | 40.1 | 39.1 | W | W | 26.5 | 29.8 | 26.7 |
| September | W | 39.8 | 36.3 | W | W | 24.9 | 26.2 | 25.3 |
| October | W | 41.8 | 34.7 | W | 23.4 | 23.4 | 25.1 | 24.0 |
| November | W | 41.8 | 33.0 | 30.4 | 25.4 | 24.7 | 27.1 | 25.9 |
| December | W | 38.5 | 33.0 | W | W | 24.0 | 28.0 | 25.3 |
| **1988 Average** | W | **41.5** | **36.1** | **30.2** | **26.8** | **25.8** | **28.8** | **26.6** |
| **PAD District III Average** | | | | | | | | |
| January | W | 40.6 | W | 31.6 | 28.2 | 25.8 | 28.8 | 28.7 |
| February | W | 38.6 | 32.8 | 31.8 | 28.3 | 26.5 | 28.7 | 29.7 |
| March | W | 39.1 | 34.1 | 26.9 | 25.0 | 22.7 | 25.5 | 24.0 |
| April | W | 38.2 | W | 31.2 | 26.9 | 25.7 | 27.4 | 27.0 |
| May | W | 38.5 | W | 32.6 | 28.7 | 27.5 | 29.0 | 30.1 |
| June | W | 39.1 | 33.0 | 31.3 | 28.9 | 26.2 | 29.2 | 28.9 |
| July | W | 35.9 | 34.4 | 30.5 | 26.3 | 25.1 | 26.7 | 27.1 |
| August | W | 38.9 | W | 31.3 | 27.5 | 27.1 | 27.9 | 29.1 |
| September | W | W | W | 29.4 | 27.1 | 26.1 | 27.5 | 27.5 |
| October | W | 29.9 | 31.3 | 25.2 | 22.3 | 20.9 | 22.8 | 22.0 |
| November | W | 35.8 | - | 27.6 | 23.9 | 23.5 | 23.9 | 25.1 |
| December | 48.4 | W | W | 31.2 | 24.0 | 24.9 | 24.1 | 26.5 |
| **1988 Average** | W | **37.3** | **34.3** | **30.5** | **26.4** | **25.0** | **26.8** | **27.3** |
| **PAD District IV Average** | | | | | | | | |
| January | W | - | - | 35.4 | 30.4 | 35.8 | 30.4 | 35.4 |
| February | W | - | - | W | 30.3 | W | 30.3 | 35.1 |
| March | - | - | - | 35.3 | 30.6 | 24.4 | 30.6 | 32.1 |
| April | W | - | - | 35.2 | 30.2 | 19.3 | 30.2 | 30.0 |
| May | W | - | - | 35.7 | 28.5 | 28.2 | 28.5 | 34.3 |
| June | W | - | - | 35.3 | 27.2 | W | 27.2 | 34.9 |
| July | W | - | - | 31.5 | 27.0 | W | 27.0 | 31.2 |
| August | W | - | - | 31.1 | 25.7 | W | 25.7 | 31.1 |
| September | - | - | - | 30.8 | 22.6 | W | 22.6 | 30.8 |
| October | W | - | - | 29.3 | 22.2 | W | 22.2 | 29.4 |
| November | W | - | - | 29.4 | 22.0 | 32.1 | 22.0 | 29.5 |
| December | W | - | - | 30.0 | 24.7 | W | 24.7 | 29.9 |
| **1988 Average** | W | - | - | **32.6** | **25.8** | **26.7** | **25.8** | **31.9** |

See footnotes at end of table.

## Table 38. Refiner No. 4 and Residual Fuel Oil Prices by PAD District (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | No. 4 Fuel | | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent | | Residual Fuel Oil Sulfur Content Greater Than 1 Percent | | Average Residual | |
|---|---|---|---|---|---|---|---|---|
| | 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 Average** | | | | | | | | |
| January | W | 42.4 | 41.8 | 32.6 | 29.0 | 27.5 | 35.1 | 28.9 |
| February | W | 39.4 | 37.5 | 29.2 | 28.5 | 26.6 | 32.8 | 27.4 |
| March | W | 45.1 | 40.7 | 28.3 | 27.2 | 26.1 | 33.9 | 26.6 |
| April | W | 43.9 | 40.2 | 31.4 | 28.5 | 28.8 | 32.8 | 29.4 |
| May | - | 46.6 | 42.1 | 33.8 | 31.5 | 30.8 | 35.6 | 31.3 |
| June | - | 40.8 | 41.6 | 31.1 | 31.4 | 30.5 | 35.2 | 30.7 |
| July | W | 39.4 | 38.7 | 26.6 | 28.3 | 27.2 | 32.1 | 27.1 |
| August | W | 40.6 | 38.2 | 29.3 | 30.2 | 28.5 | 33.2 | 28.8 |
| September | W | 43.6 | 37.4 | 30.8 | 28.9 | 27.4 | 33.6 | 28.0 |
| October | W | 29.1 | 38.3 | 22.5 | 23.3 | 21.4 | 31.7 | 21.6 |
| November | W | 34.3 | 36.1 | 28.4 | 23.3 | 22.8 | 30.5 | 24.7 |
| December | W | 38.3 | 37.5 | 28.3 | 26.3 | 25.9 | 31.8 | 26.3 |
| **1988 Average** | W | **39.9** | **38.7** | **29.5** | **27.9** | **27.0** | **33.0** | **27.7** |

Dashes (-) = No data reported.
NA = Not Available.
W = Withheld to avoid disclosure of individual company data.
Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

# Table 39. Refiner/Reseller Residual Fuel Oil Prices for Selected States
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent | | Residual Fuel Oil Sulfur Content Greater Than 1 Percent | | Average Residual | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **U.S. Average** | | | | | | |
| January | 42.2 | 38.3 | 32.5 | 29.9 | 37.3 | 34.7 |
| February | 40.9 | 36.3 | 32.1 | 30.5 | 36.3 | 34.1 |
| March | 37.4 | 33.3 | 29.9 | 26.9 | 33.7 | 30.3 |
| April | 36.7 | 34.6 | 30.3 | 28.0 | 33.1 | 31.5 |
| May | 37.4 | 34.8 | 32.1 | 30.4 | 34.2 | 32.6 |
| June | 35.9 | 33.6 | 32.7 | 29.7 | 34.1 | 31.7 |
| July | 35.9 | 32.4 | 30.3 | 28.7 | 32.6 | 30.4 |
| August | 36.1 | 33.1 | 31.9 | 29.1 | 33.9 | 31.3 |
| September | 34.5 | 32.7 | 30.8 | 28.7 | 32.7 | 30.8 |
| October | 34.1 | 30.5 | 27.4 | 24.4 | 31.0 | 27.7 |
| November | 35.9 | 32.7 | 28.1 | 25.2 | 32.6 | 30.1 |
| December | 38.6 | 35.2 | 28.9 | 27.7 | 34.7 | 31.6 |
| **1988 Average** | **37.3** | **34.1** | **30.6** | **28.2** | **33.9** | **31.5** |
| **PAD District I Average** | | | | | | |
| January | 42.7 | 41.2 | 33.9 | 34.7 | 38.7 | 39.3 |
| February | 41.6 | 38.7 | 33.5 | 35.7 | 37.8 | 37.9 |
| March | 37.3 | 35.4 | 32.0 | 30.5 | 35.1 | 34.0 |
| April | 36.1 | 36.1 | 32.0 | 30.4 | 33.9 | 34.8 |
| May | 36.5 | 36.1 | 33.6 | 33.1 | 34.9 | 35.0 |
| June | 35.0 | 35.6 | 34.5 | 32.5 | 34.7 | 34.4 |
| July | 35.4 | 33.9 | 32.6 | 32.6 | 34.0 | 33.4 |
| August | 35.8 | 34.9 | 33.2 | 31.6 | 34.7 | 33.8 |
| September | 34.0 | 33.9 | 32.9 | 31.8 | 33.5 | 33.2 |
| October | 33.4 | 31.9 | 30.6 | 28.4 | 32.4 | 30.9 |
| November | 36.2 | 34.4 | 30.0 | 29.0 | 34.0 | 33.5 |
| December | 39.3 | 36.9 | 31.2 | 32.0 | 36.7 | 35.5 |
| **1988 Average** | **37.3** | **35.9** | **32.5** | **32.0** | **35.2** | **34.8** |
| **Subdistrict IA Average[a]** | | | | | | |
| January | 40.9 | 39.6 | 32.5 | 34.3 | 36.3 | 38.2 |
| February | 39.3 | 39.7 | 31.9 | 35.1 | 35.3 | 38.8 |
| March | 36.6 | 33.4 | 32.1 | 27.3 | 34.8 | 31.5 |
| April | 35.1 | 35.1 | 31.7 | 34.7 | 33.0 | 35.0 |
| May | 36.4 | 35.5 | 34.0 | 33.3 | 34.8 | 34.7 |
| June | 35.1 | 38.2 | 35.8 | 32.6 | 35.5 | 35.7 |
| July | 34.5 | 33.4 | 33.5 | 32.0 | 33.9 | 32.5 |
| August | 35.1 | 35.0 | 33.8 | 30.6 | 34.3 | 32.7 |
| September | 33.9 | 33.4 | 33.8 | 34.7 | 33.8 | 34.0 |
| October | 32.3 | 31.7 | 29.4 | 26.5 | 30.8 | 28.4 |
| November | 34.8 | 33.1 | 27.8 | 31.1 | 32.0 | 32.7 |
| December | 37.5 | 34.1 | 28.9 | 35.0 | 34.6 | 34.4 |
| **1988 Average** | **36.5** | **35.8** | **32.2** | **31.5** | **34.2** | **34.3** |
| **Connecticut** | | | | | | |
| January | 39.9 | 37.3 | - | W | 39.9 | 36.7 |
| February | 38.4 | 39.2 | W | W | 37.6 | 39.2 |
| March | 36.2 | 34.6 | W | W | 35.7 | 34.6 |
| April | 34.1 | 37.0 | - | W | 34.1 | 36.9 |
| May | 35.9 | 35.0 | W | W | 35.2 | 34.9 |
| June | 35.3 | W | 52.7 | W | 35.3 | W |
| July | 34.4 | W | NA | W | 34.4 | 34.4 |
| August | 35.2 | W | NA | W | 35.2 | W |
| September | 33.6 | 32.3 | W | W | 33.6 | 32.0 |
| October | 31.6 | 33.4 | W | W | 31.5 | 31.8 |
| November | 34.3 | 32.5 | W | W | 33.6 | 32.5 |
| December | 37.4 | 36.1 | - | W | 37.4 | 36.0 |
| **1988 Average** | **36.1** | **36.9** | W | **33.5** | **35.8** | **36.4** |

See footnotes at end of table.

## Table 39. Refiner/Reseller Residual Fuel Oil Prices for Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent | | Residual Fuel Oil Sulfur Content Greater Than 1 Percent | | Average Residual | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Maine** | | | | | | |
| January | 37.6 | W | 34.2 | 38.6 | 35.5 | 34.3 |
| February | W | W | 34.9 | 35.3 | 35.6 | 32.1 |
| March | W | W | 31.8 | 35.2 | 33.7 | W |
| April | 36.6 | W | 29.8 | 33.3 | 30.0 | W |
| May | 40.3 | W | 28.7 | 35.3 | 30.3 | 36.1 |
| June | 35.0 | W | 34.3 | 33.6 | 34.6 | 35.2 |
| July | 33.9 | 31.7 | 31.2 | 32.2 | 32.3 | 31.9 |
| August | 35.3 | W | 32.7 | 30.9 | 33.7 | 33.9 |
| September | 39.4 | W | 32.5 | 30.0 | 35.4 | W |
| October | 33.0 | W | 27.4 | 27.3 | 29.4 | 27.5 |
| November | 35.3 | W | 27.2 | 29.5 | 31.4 | 31.2 |
| December | 35.2 | W | 30.7 | 30.6 | 33.9 | 30.8 |
| **1988 Average** | **35.6** | **32.3** | **31.3** | **32.0** | **33.2** | **32.2** |
| **Massachusetts** | | | | | | |
| January | 43.1 | 42.0 | 31.9 | 32.1 | 34.4 | 39.3 |
| February | 41.6 | 41.3 | 31.4 | 34.9 | 33.6 | 39.5 |
| March | 37.2 | 35.8 | 32.2 | 26.4 | 34.1 | 30.1 |
| April | 36.2 | 34.7 | 32.2 | 35.4 | 33.0 | 34.8 |
| May | 37.6 | 36.2 | 35.1 | 33.1 | 35.3 | 34.7 |
| June | 34.8 | 35.4 | 36.0 | 31.2 | 35.8 | 32.3 |
| July | 34.8 | 35.3 | 33.9 | 31.8 | 34.1 | 32.1 |
| August | 35.1 | 33.8 | 33.9 | 30.4 | 34.2 | 31.8 |
| September | 32.3 | 33.5 | 34.1 | 38.0 | 33.5 | 35.3 |
| October | 33.9 | 31.7 | 30.2 | 25.3 | 31.0 | 28.6 |
| November | 35.0 | 33.3 | 27.9 | 31.2 | 30.8 | 32.8 |
| December | 39.4 | 33.8 | 28.2 | 34.8 | 32.2 | 34.0 |
| **1988 Average** | **37.2** | **36.3** | **32.4** | **31.1** | **33.6** | **34.1** |
| **New Hampshire** | | | | | | |
| January | 43.4 | W | 36.6 | 39.3 | 36.9 | 40.2 |
| February | 42.1 | W | 35.0 | 36.8 | 35.3 | 39.0 |
| March | 38.9 | W | 32.9 | 33.2 | 33.1 | 35.0 |
| April | W | W | 30.7 | 31.8 | 31.4 | 34.6 |
| May | 37.1 | W | 30.3 | 36.2 | 30.5 | 35.9 |
| June | W | W | 33.5 | 35.2 | 33.5 | 34.9 |
| July | W | - | 34.2 | 34.5 | 34.2 | 34.5 |
| August | W | W | 33.5 | W | 33.6 | 33.1 |
| September | W | W | 32.5 | W | 33.5 | 35.3 |
| October | 33.4 | W | 29.3 | W | 29.3 | 32.0 |
| November | W | W | 31.4 | W | 34.6 | 33.9 |
| December | 40.3 | W | 33.2 | 31.7 | 33.6 | 36.3 |
| **1988 Average** | **37.0** | W | **32.7** | **34.1** | **33.2** | **36.3** |
| **Rhode Island** | | | | | | |
| January | 45.3 | 39.3 | - | - | 45.3 | 39.3 |
| February | 41.4 | 42.4 | W | - | 41.4 | 42.4 |
| March | 42.3 | 35.3 | W | - | 42.2 | 35.3 |
| April | 39.4 | W | W | W | 39.5 | 34.6 |
| May | 39.7 | 34.4 | W | W | 40.0 | 34.5 |
| June | 37.6 | 37.8 | W | W | 37.9 | 38.1 |
| July | 34.8 | W | - | W | 34.8 | 35.1 |
| August | 33.9 | 34.8 | - | W | 33.9 | 34.7 |
| September | 35.8 | 35.7 | W | W | 36.0 | 37.3 |
| October | 33.9 | W | - | W | 33.9 | 32.0 |
| November | 35.4 | 33.4 | W | W | 35.3 | 33.4 |
| December | 38.2 | W | W | W | 38.7 | 37.3 |
| **1988 Average** | **39.9** | **36.3** | **40.3** | W | **39.9** | **36.2** |

See footnotes at end of table.

## Table 39. Refiner/Reseller Residual Fuel Oil Prices for Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent | | Residual Fuel Oil Sulfur Content Greater Than 1 Percent | | Average Residual | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Subdistrict IB Average[a]** | | | | | | |
| January | 44.3 | 42.0 | 35.7 | 36.3 | 41.9 | 40.7 |
| February | 43.5 | 38.7 | 36.1 | 38.4 | 41.6 | 38.6 |
| March | 39.5 | 37.0 | 33:5 | 31.9 | 37.7 | 35.7 |
| April | 37.8 | 36.5 | 33.1 | 30.7 | 36.0 | 35.5 |
| May | 38.1 | 36.5 | 33.8 | 33.6 | 36.2 | 35.5 |
| June | 36.7 | 35.1 | 34.1 | 32.0 | 35.6 | 34.2 |
| July | 36.2 | 34.1 | 32.2 | 33.4 | 34.6 | 34.0 |
| August | 36.5 | 34.9 | 33.2 | 32.8 | 35.5 | 34.6 |
| September | 34.8 | 34.0 | 32.8 | 30.6 | 34.1 | 32.9 |
| October | 34.2 | 32.2 | 29.1 | 30.1 | 33.1 | 31.8 |
| November | 37.5 | 34.9 | 30.4 | 28.8 | 35.7 | 34.1 |
| December | 40.5 | 37.5 | 32.8 | 32.0 | 39.0 | 35.9 |
| **1988 Average** | **38.6** | **36.3** | **33.0** | **32.7** | **37.0** | **35.5** |
| **Delaware** | | | | | | |
| January | 47.2 | W | 29.8 | - | 31.2 | W |
| February | 39.5 | 36.0 | W | - | 37.8 | 36.0 |
| March | 46.8 | W | W | - | W | W |
| April | 42.4 | W | 33.8 | - | 35.2 | W |
| May | 36.5 | W | W | - | 36.0 | W |
| June | 34.7 | W | W | W | 34.9 | W |
| July | 35.9 | W | 33.8 | - | 34.4 | W |
| August | 34.8 | - | 35.4 | - | 35.0 | - |
| September | 40.1 | 31.4 | 36.5 | - | 36.9 | 31.4 |
| October | 31.7 | W | 34.6 | - | 32.0 | W |
| November | 36.5 | 31.0 | 32.3 | - | 35.8 | 31.0 |
| December | 38.3 | 35.0 | 31.8 | W | 36.5 | 33.9 |
| **1988 Average** | **34.7** | **33.2** | **34.3** | **29.6** | **34.6** | **32.8** |
| **Maryland** | | | | | | |
| January | W | 39.0 | 34.2 | W | 38.7 | 39.0 |
| February | W | 35.0 | 32.5 | W | 37.0 | 35.0 |
| March | 39.0 | 33.9 | 30.7 | W | 37.0 | 34.0 |
| April | 35.8 | 31.4 | 30.3 | W | 33.2 | 31.6 |
| May | 36.6 | W | 32.8 | W | 33.5 | W |
| June | 34.6 | 34.5 | 34.1 | W | 34.3 | 34.0 |
| July | 34.7 | W | 31.7 | W | 33.1 | W |
| August | 35.6 | 35.6 | 33.0 | 33.5 | 34.4 | 34.4 |
| September | 34.9 | W | 30.6 | W | 32.6 | W |
| October | 31.7 | 30.1 | 28.9 | 30.9 | 31.3 | 30.5 |
| November | 37.0 | 30.6 | 28.5 | W | 31.6 | 30.5 |
| December | 37.8 | W | 30.5 | 31.2 | 33.9 | 30.9 |
| **1988 Average** | **36.3** | **33.8** | **31.7** | **32.3** | **34.1** | **33.4** |
| **New Jersey** | | | | | | |
| January | 42.9 | 43.1 | 32.5 | 38.4 | 41.6 | 41.0 |
| February | 41.1 | 39.5 | 31.3 | 39.4 | 39.7 | 39.5 |
| March | 37.8 | 34.5 | 29.3 | 32.1 | 36.0 | 33.6 |
| April | 37.0 | 36.3 | 29.4 | 29.4 | 35.6 | 34.5 |
| May | 37.3 | 34.9 | 31.8 | 33.7 | 36.1 | 34.0 |
| June | 36.2 | 34.1 | 31.7 | 31.7 | 34.8 | 32.9 |
| July | 35.7 | 32.9 | 29.2 | 30.1 | 34.2 | 31.9 |
| August | 36.5 | 33.8 | 28.7 | 31.1 | 34.9 | 33.1 |
| September | 33.5 | 34.3 | 29.2 | 29.5 | 32.9 | 32.4 |
| October | 32.7 | 33.0 | 23.5 | 28.8 | 30.8 | 31.5 |
| November | 38.6 | 33.8 | 23.1 | 29.3 | 35.3 | 32.3 |
| December | 40.8 | 38.7 | 27.9 | 31.0 | 37.6 | 34.6 |
| **1988 Average** | **37.7** | **36.1** | **28.6** | **32.5** | **35.9** | **34.6** |

See footnotes at end of table.

## Table 39. Refiner/Reseller Residual Fuel Oil Prices for Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent | | Residual Fuel Oil Sulfur Content Greater Than 1 Percent | | Average Residual | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **New York** | | | | | | |
| January | 45.4 | 43.4 | 38.3 | 34.4 | 43.5 | 42.4 |
| February | 45.4 | 39.8 | 38.9 | 42.9 | 43.7 | 40.1 |
| March | 40.7 | 39.9 | 35.5 | 37.0 | 39.1 | 39.6 |
| April | 41.2 | 39.0 | 34.4 | 32.0 | 37.6 | 38.3 |
| May | 39.2 | 40.3 | 34.5 | W | 37.0 | 40.2 |
| June | 37.6 | 36.6 | 35.5 | W | 36.7 | 36.5 |
| July | 37.4 | 35.2 | 34.0 | 37.4 | 36.0 | 35.7 |
| August | 37.6 | 35.9 | 34.7 | W | 36.5 | 35.9 |
| September | 36.3 | 34.5 | 33.4 | 32.9 | 35.1 | 34.1 |
| October | 36.9 | 32.7 | 31.4 | 32.0 | 35.4 | 32.6 |
| November | 37.0 | 37.1 | 33.9 | 29.8 | 36.2 | 36.9 |
| December | 40.6 | 39.1 | 35.8 | 35.4 | 39.9 | 38.3 |
| **1988 Average** | **40.1** | **37.8** | **35.0** | **35.0** | **38.5** | **37.5** |
| **Pennsylvania** | | | | | | |
| January | 43.5 | 38.9 | 35.7 | 33.2 | 38.9 | 37.4 |
| February | 42.5 | 36.1 | 34.4 | 35.2 | 38.1 | 35.8 |
| March | 36.2 | 34.0 | 32.2 | 28.6 | 34.0 | 32.3 |
| April | 33.0 | 32.7 | 33.0 | 31.8 | 33.0 | 32.5 |
| May | 36.6 | 35.1 | 34.3 | 32.5 | 34.9 | 34.8 |
| June | 36.8 | 34.4 | 33.2 | W | 34.2 | 33.7 |
| July | 35.1 | 34.0 | 31.4 | 32.9 | 32.8 | 33.8 |
| August | 35.0 | 34.6 | 33.5 | 33.9 | 34.5 | 34.5 |
| September | 38.9 | 33.0 | 32.0 | 29.9 | 34.5 | 31.9 |
| October | 34.5 | 30.7 | 28.8 | 26.3 | 33.3 | 30.1 |
| November | 37.7 | 34.4 | 26.3 | 26.5 | 34.8 | 33.0 |
| December | 40.8 | 37.5 | 34.1 | 32.1 | 39.7 | 36.9 |
| **1988 Average** | **38.0** | **34.8** | **32.6** | **31.5** | **35.9** | **34.1** |
| **Subdistrict IC Average[a]** | | | | | | |
| January | 37.3 | 36.2 | 34.0 | 31.5 | 34.9 | 31.6 |
| February | 36.0 | 32.6 | 33.6 | 30.4 | 34.1 | 31.0 |
| March | 33.3 | 28.2 | 30.8 | 31.3 | 31.8 | 29.8 |
| April | 32.7 | 29.8 | 31.0 | 28.2 | 31.7 | 28.2 |
| May | 33.3 | 35.7 | 32.8 | 30.9 | 33.0 | 32.0 |
| June | NA | 35.8 | 33.2 | 33.6 | 32.9 | 34.0 |
| July | 34.1 | 32.9 | 31.7 | 31.8 | 32.8 | 32.4 |
| August | 34.5 | W | 32.5 | 32.4 | 33.5 | 32.3 |
| September | 32.3 | 34.1 | 32.5 | 32.2 | 32.4 | 33.5 |
| October | 31.2 | 30.8 | 32.8 | 28.6 | 32.2 | 30.1 |
| November | 33.2 | 33.7 | 31.7 | 27.3 | 32.4 | 32.1 |
| December | 35.5 | 36.0 | 31.5 | 28.4 | 32.8 | 33.9 |
| **1988 Average** | **33.6** | **33.2** | **32.4** | **30.6** | **32.9** | **31.9** |
| **Florida** | | | | | | |
| January | 35.5 | W | 31.7 | W | 33.2 | W |
| February | 33.9 | W | 31.8 | W | 32.4 | 32.9 |
| March | 32.9 | W | 29.6 | 31.8 | 31.4 | 29.6 |
| April | 32.5 | W | 30.6 | 27.6 | 31.7 | 27.6 |
| May | 33.1 | W | 32.4 | W | 32.8 | 34.6 |
| June | NA | W | 32.5 | 33.6 | 32.5 | 34.1 |
| July | 33.9 | 33.0 | 30.8 | 32.1 | 32.6 | 32.7 |
| August | 34.3 | W | 31.6 | 33.5 | 33.3 | 33.6 |
| September | 32.2 | W | 31.7 | 32.0 | 32.0 | 33.9 |
| October | 30.9 | 30.8 | 33.9 | W | 32.5 | 30.4 |
| November | 33.1 | 33.9 | 31.8 | W | 32.5 | 33.6 |
| December | 34.3 | W | 30.4 | W | 32.0 | 34.9 |
| **1988 Average** | **33.0** | **33.4** | **31.5** | **30.8** | **32.3** | **32.6** |

See footnotes at end of table.

## Table 39. Refiner/Reseller Residual Fuel Oil Prices for Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent | | Residual Fuel Oil Sulfur Content Greater Than 1 Percent | | Average Residual | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Georgia** | | | | | | |
| January | W | - | 37.1 | W | 37.1 | W |
| February | W | W | 35.8 | W | 35.8 | W |
| March | - | - | 34.8 | W | 34.8 | W |
| April | W | - | 33.6 | W | 33.6 | W |
| May | - | - | 35.3 | W | 35.3 | W |
| June | - | - | 34.9 | W | 34.9 | W |
| July | - | - | 31.0 | - | 31.0 | - |
| August | W | - | 35.1 | W | 35.1 | W |
| September | NA | - | 35.6 | W | 35.6 | W |
| October | NA | - | 32.2 | W | 32.2 | W |
| November | NA | - | 32.4 | W | 32.4 | W |
| December | NA | - | 33.5 | 30.6 | 33.5 | 30.6 |
| **1988 Average** | **37.1** | W | **34.4** | **30.0** | **34.4** | **30.0** |
| **North Carolina** | | | | | | |
| January | W | - | 35.4 | W | 35.9 | W |
| February | W | W | 35.4 | 36.6 | 36.0 | W |
| March | W | W | 32.9 | 35.2 | 33.7 | 34.0 |
| April | W | W | 31.6 | 28.9 | 32.1 | 28.9 |
| May | W | W | 34.1 | 30.5 | 34.5 | 30.4 |
| June | W | - | 34.7 | W | 35.0 | W |
| July | W | W | 34.6 | W | 34.8 | W |
| August | W | W | 34.4 | W | 34.7 | W |
| September | 42.0 | W | 33.6 | W | 34.0 | W |
| October | W | W | 31.0 | W | 31.5 | W |
| November | W | W | 32.3 | W | 32.8 | W |
| December | W | W | 33.7 | 30.8 | 34.1 | 30.3 |
| **1988 Average** | **43.1** | W | **33.8** | **29.8** | **34.3** | **29.5** |
| **South Carolina** | | | | | | |
| January | W | - | 35.8 | W | 36.6 | W |
| February | W | W | 35.4 | W | 36.0 | W |
| March | W | - | 32.9 | W | 33.5 | W |
| April | W | - | 31.4 | W | 31.6 | W |
| May | W | - | 33.3 | W | 33.7 | W |
| June | W | - | 34.0 | W | 34.4 | W |
| July | W | - | 33.4 | W | 33.7 | W |
| August | W | - | 34.1 | W | 34.3 | W |
| September | W | - | 34.1 | W | 34.5 | W |
| October | W | - | 31.0 | W | 31.6 | W |
| November | W | - | 32.4 | W | 32.5 | W |
| December | 43.1 | - | 33.0 | W | 33.6 | W |
| **1988 Average** | **44.1** | W | **33.7** | **30.5** | **34.2** | **30.5** |
| **Virginia** | | | | | | |
| January | 41.1 | W | 34.8 | 33.6 | 37.2 | 33.7 |
| February | 37.9 | W | 33.6 | 30.9 | 35.1 | 31.0 |
| March | 42.0 | W | 30.7 | 30.5 | 31.8 | 30.6 |
| April | 37.9 | W | 30.6 | 28.2 | 31.1 | 28.2 |
| May | 39.7 | W | 32.2 | 33.0 | 32.3 | 33.0 |
| June | 40.2 | W | 32.9 | 33.4 | 33.0 | 33.4 |
| July | 35.3 | - | 31.2 | 31.0 | 33.0 | 31.0 |
| August | W | - | 31.7 | 31.3 | 33.5 | 31.3 |
| September | 41.0 | W | 33.2 | 32.5 | 33.3 | 32.9 |
| October | 37.2 | W | 28.6 | 28.3 | 29.2 | 28.4 |
| November | 39.0 | W | 29.7 | 26.9 | 30.3 | 26.9 |
| December | 41.1 | W | 31.5 | 29.7 | 35.9 | 29.8 |
| **1988 Average** | **38.9** | W | **32.0** | **30.8** | **33.5** | **31.2** |

See footnotes at end of table.

# Table 39. Refiner/Reseller Residual Fuel Oil Prices for Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent | | Residual Fuel Oil Sulfur Content Greater Than 1 Percent | | Average Residual | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **PAD District II Average[a]** | | | | | | |
| January | 43.1 | 37.2 | 33.5 | 30.9 | 38.0 | 33.7 |
| February | 43.7 | 36.9 | 33.3 | 26.8 | 38.0 | 32.2 |
| March | 43.5 | 40.1 | 35.3 | 25.4 | 38.8 | 31.9 |
| April | 43.6 | 37.4 | 30.1 | 26.1 | 37.3 | 31.5 |
| May | 42.9 | 37.8 | 29.4 | 27.6 | 37.3 | 31.6 |
| June | 44.1 | NA | 32.1 | 27.2 | 40.2 | 31.4 |
| July | 42.2 | 29.3 | 29.5 | 27.1 | 35.6 | 27.6 |
| August | 42.7 | 29.9 | 32.1 | 26.5 | 36.0 | 27.2 |
| September | 41.6 | 30.6 | 26.5 | 25.0 | 32.7 | 26.0 |
| October | 40.6 | 30.5 | 25.8 | 23.5 | 31.7 | 24.7 |
| November | 38.8 | 30.9 | 27.4 | 24.7 | 32.4 | 26.5 |
| December | 36.2 | 32.2 | 27.7 | 24.2 | 31.5 | 26.0 |
| **1988 Average** | **41.6** | **35.1** | **30.1** | **26.0** | **35.4** | **28.9** |
| **Illinois** | | | | | | |
| January | 54.3 | 44.7 | 29.8 | 25.5 | 39.9 | 36.7 |
| February | W | 44.4 | 29.4 | 31.9 | 39.4 | 41.6 |
| March | W | W | 23.6 | 21.7 | 36.4 | 38.7 |
| April | 52.9 | W | 28.0 | 23.7 | 41.0 | 36.3 |
| May | 43.6 | W | 26.3 | W | 35.4 | 45.3 |
| June | 52.8 | 47.0 | 38.5 | 26.0 | 51.8 | 34.7 |
| July | 33.8 | W | 23.9 | W | 27.1 | W |
| August | 37.5 | W | W | W | NA | W |
| September | 37.3 | W | 21.8 | W | 26.0 | W |
| October | 38.9 | W | 20.3 | W | 23.1 | W |
| November | 33.2 | 29.9 | 18.9 | 22.3 | 25.4 | 22.6 |
| December | 37.2 | 27.2 | 18.4 | 23.3 | 21.4 | 23.6 |
| **1988 Average** | **47.6** | **45.0** | **24.6** | **25.2** | **34.1** | **30.3** |
| **Indiana** | | | | | | |
| January | 40.0 | W | 34.1 | 35.4 | 34.3 | 35.4 |
| February | W | W | 33.5 | 35.8 | 34.5 | 36.0 |
| March | 39.8 | W | 35.0 | 42.4 | 35.1 | 42.4 |
| April | 37.7 | W | 28.5 | 27.8 | 28.8 | 29.3 |
| May | 39.7 | W | 30.1 | 35.2 | 32.0 | 32.4 |
| June | 41.8 | NA | 33.9 | 31.3 | 35.9 | NA |
| July | W | NA | 32.2 | 34.4 | 32.9 | NA |
| August | W | NA | 26.8 | 29.4 | 27.1 | 29.8 |
| September | W | 29.3 | 24.1 | 32.0 | 25.7 | 30.9 |
| October | 39.0 | W | 23.2 | 36.0 | 24.7 | 32.9 |
| November | 38.1 | W | 22.3 | 34.7 | 24.5 | 31.0 |
| December | 36.3 | 30.5 | 31.4 | 31.6 | 32.4 | 31.0 |
| **1988 Average** | **38.9** | **30.2** | **28.5** | **32.9** | **29.6** | **31.7** |
| **Michigan** | | | | | | |
| January | 47.1 | 37.8 | W | 29.2 | 46.3 | 34.2 |
| February | 46.7 | 37.5 | 33.1 | W | 45.8 | 34.3 |
| March | 46.9 | 38.7 | 56.2 | W | 50.1 | 33.9 |
| April | 44.8 | 38.3 | W | W | 44.7 | 33.5 |
| May | 47.8 | 38.1 | W | W | 47.8 | 32.0 |
| June | 48.0 | 38.7 | W | W | 47.9 | 30.3 |
| July | 46.1 | 37.5 | W | W | 45.6 | 32.6 |
| August | 46.1 | 37.0 | 49.9 | W | 47.4 | 32.6 |
| September | 47.1 | 35.5 | 37.5 | W | 46.1 | 28.7 |
| October | 45.2 | 35.7 | 42.7 | W | 44.9 | 30.4 |
| November | 43.5 | 33.8 | 36.4 | W | 42.8 | 29.7 |
| December | 42.0 | 34.7 | 44.9 | W | 42.1 | 32.1 |
| **1988 Average** | **45.8** | **36.6** | **47.4** | **W** | **46.0** | **32.1** |

See footnotes at end of table.

## Table 39. Refiner/Reseller Residual Fuel Oil Prices for Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent | | Residual Fuel Oil Sulfur Content Greater Than 1 Percent | | Average Residual | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Minnesota** | | | | | | |
| January | 41.0 | - | 36.4 | W | 36.7 | 34.9 |
| February | 38.0 | - | 37.1 | W | 37.1 | 30.6 |
| March | W | W | 35.1 | W | 35.0 | W |
| April | W | W | 33.6 | W | 33.5 | W |
| May | 43.7 | - | 33.8 | W | 34.4 | W |
| June | W | - | 33.9 | W | 34.1 | W |
| July | W | - | 32.4 | W | 32.5 | W |
| August | W | W | 30.2 | W | 30.2 | 30.5 |
| September | W | - | 31.3 | W | 33.7 | W |
| October | 38.3 | W | 31.4 | W | 34.2 | W |
| November | W | W | 29.8 | W | 32.7 | W |
| December | 30.0 | - | 32.1 | W | 30.8 | W |
| **1988 Average** | **33.7** | W | **33.4** | W | **33.4** | W |
| **Ohio** | | | | | | |
| January | 42.1 | W | 38.3 | W | 40.1 | 30.7 |
| February | 41.3 | W | 34.2 | W | 38.6 | 26.0 |
| March | 41.0 | W | 35.2 | 24.1 | 38.4 | 25.7 |
| April | 38.8 | W | 34.4 | 24.0 | 36.6 | 26.7 |
| May | 42.1 | - | 31.8 | W | 39.6 | W |
| June | 38.6 | - | 31.0 | W | 34.3 | W |
| July | 39.3 | W | 31.6 | W | 34.3 | W |
| August | 38.4 | W | 34.6 | W | 35.4 | W |
| September | 37.2 | W | 29.3 | W | 33.2 | W |
| October | 36.2 | W | 30.3 | W | 33.0 | 22.2 |
| November | 36.3 | W | 30.7 | W | 32.4 | 30.0 |
| December | 36.9 | W | 32.8 | W | 35.1 | 24.4 |
| **1988 Average** | **38.9** | **30.4** | **33.0** | **22.9** | **35.8** | **25.3** |
| **PAD District III Average[a]** | | | | | | |
| January | 31.2 | 31.2 | 28.3 | 25.7 | 28.8 | 28.6 |
| February | 31.2 | 31.7 | 28.4 | 27.4 | 28.9 | 30.1 |
| March | 28.0 | 28.4 | 25.1 | 24.6 | 25.6 | 26.3 |
| April | 31.9 | 29.7 | 27.0 | 25.8 | 28.0 | 27.2 |
| May | 33.4 | 33.1 | 28.7 | 27.8 | 29.6 | 31.0 |
| June | 31.8 | 32.1 | 29.0 | 26.6 | 29.5 | 29.8 |
| July | 32.1 | 30.8 | 26.3 | 26.6 | 26.9 | 28.4 |
| August | 32.2 | 31.2 | 29.9 | 27.4 | 30.1 | 29.4 |
| September | 33.0 | 29.4 | 27.0 | 26.2 | 27.9 | 27.8 |
| October | 30.6 | 25.0 | 22.5 | 21.1 | 23.2 | 22.3 |
| November | 26.5 | 28.5 | 23.9 | 23.8 | 24.3 | 26.0 |
| December | 29.6 | 30.2 | 24.0 | 25.2 | 24.8 | 26.8 |
| **1988 Average** | **31.1** | **30.6** | **26.7** | **25.6** | **27.4** | **28.0** |
| **Alabama** | | | | | | |
| January | W | W | 30.6 | W | 30.6 | 36.4 |
| February | - | W | 31.5 | W | 31.5 | W |
| March | W | - | 27.9 | W | 27.9 | W |
| April | W | - | 28.9 | 29.2 | 28.9 | 29.2 |
| May | W | - | 29.5 | W | 29.5 | W |
| June | W | W | 30.8 | W | 30.8 | W |
| July | - | - | 27.6 | W | 27.6 | W |
| August | W | W | 29.5 | W | 29.5 | W |
| September | - | - | 26.2 | 28.5 | 26.2 | 28.5 |
| October | - | W | W | 24.7 | W | 24.7 |
| November | - | - | 26.0 | W | 26.0 | W |
| December | W | W | 26.4 | 28.8 | 26.6 | 29.0 |
| **1988 Average** | **30.1** | W | **28.6** | **27.1** | **28.6** | **27.6** |

See footnotes at end of table.

## Table 39. Refiner/Reseller Residual Fuel Oil Prices for Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent | | Residual Fuel Oil Sulfur Content Greater Than 1 Percent | | Average Residual | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Louisiana** | | | | | | |
| January | 31.2 | 31.5 | 26.9 | 26.6 | 28.3 | 28.7 |
| February | 31.3 | 32.8 | 27.8 | 26.9 | 28.6 | 29.6 |
| March | 27.9 | 32.8 | 25.2 | 23.0 | 25.8 | 26.2 |
| April | 32.1 | 39.0 | 25.5 | 25.7 | 27.9 | 27.6 |
| May | 33.4 | 36.0 | 27.7 | 28.0 | 29.5 | 32.4 |
| June | 31.9 | 33.6 | 28.6 | 27.4 | 29.5 | 30.7 |
| July | 32.0 | 32.2 | 26.0 | 24.9 | 27.0 | 28.3 |
| August | 32.3 | 32.4 | 31.6 | 27.2 | 31.7 | 30.0 |
| September | 33.0 | 30.8 | 26.6 | 26.7 | 28.0 | 29.1 |
| October | 30.6 | 30.5 | 22.4 | 22.6 | 23.6 | 24.6 |
| November | W | 30.0 | 24.7 | 24.8 | 25.1 | 26.2 |
| December | W | 31.5 | 23.3 | 25.3 | 24.6 | 27.3 |
| **1988 Average** | **31.1** | **32.5** | **26.5** | **25.7** | **27.5** | **28.6** |
| **Mississippi** | | | | | | |
| January | - | - | W | W | W | W |
| February | - | - | W | W | W | W |
| March | - | - | W | W | W | W |
| April | - | - | - | W | - | W |
| May | - | - | W | - | W | - |
| June | W | - | W | W | W | W |
| July | - | W | W | W | W | W |
| August | W | W | W | W | W | W |
| September | W | - | W | W | 33.1 | W |
| October | W | W | W | W | W | W |
| November | W | - | W | W | W | W |
| December | W | - | W | W | W | W |
| **1988 Average** | W | W | W | **27.8** | W | **25.7** |
| **Texas** | | | | | | |
| January | 30.5 | 30.9 | 29.0 | 24.0 | 29.0 | 28.4 |
| February | 30.8 | 31.2 | 28.9 | 28.0 | 29.1 | 30.4 |
| March | 27.3 | 26.7 | 24.7 | 25.7 | 24.8 | 26.2 |
| April | 27.8 | 28.5 | 28.1 | 25.8 | 28.1 | 27.0 |
| May | 33.3 | 31.8 | 29.7 | 27.6 | 29.7 | 30.3 |
| June | 30.9 | 31.1 | 29.2 | 25.7 | 29.4 | 29.1 |
| July | 33.6 | 29.3 | 26.4 | 27.9 | 26.6 | 28.5 |
| August | NA | 29.8 | 27.7 | 27.6 | 27.7 | 28.7 |
| September | 27.6 | 27.3 | 27.6 | 25.7 | 27.6 | 26.3 |
| October | 21.5 | 23.3 | 22.0 | 20.2 | 22.0 | 21.2 |
| November | 28.9 | 28.2 | 23.0 | 23.2 | 23.1 | 26.1 |
| December | 27.0 | 28.5 | 24.6 | 24.8 | 24.6 | 26.1 |
| **1988 Average** | **29.9** | **29.4** | **26.7** | **25.4** | **26.8** | **27.5** |
| **PAD District IV Average** | | | | | | |
| January | W | 35.4 | 30.4 | 35.9 | 31.6 | 35.5 |
| February | W | W | 30.3 | 35.2 | 30.5 | 35.2 |
| March | W | 35.3 | 30.6 | 24.6 | 30.7 | 32.1 |
| April | W | 35.2 | 30.2 | 19.3 | 30.1 | 30.0 |
| May | W | 35.7 | 28.5 | 28.2 | 28.4 | 34.3 |
| June | W | 35.3 | 27.2 | W | 27.1 | 34.9 |
| July | W | 31.5 | 27.0 | W | 27.0 | 31.2 |
| August | - | 31.1 | 25.7 | W | 25.7 | 31.1 |
| September | - | 30.8 | 22.6 | W | 22.6 | 30.8 |
| October | - | 29.3 | 24.9 | W | 24.9 | 29.4 |
| November | - | 29.4 | 22.2 | 32.6 | 22.2 | 29.6 |
| December | - | 29.7 | 25.1 | 28.7 | 25.1 | 29.7 |
| **1988 Average** | W | **32.5** | **26.2** | **26.9** | **26.4** | **31.9** |

See footnotes at end of table.

## Table 39. Refiner/Reseller Residual Fuel Oil Prices for Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent | | Residual Fuel Oil Sulfur Content Greater Than 1 Percent | | Average Residual | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **PAD District V Average[a]** | | | | | | |
| January | 42.0 | 33.0 | 29.8 | 27.6 | 35.5 | 29.0 |
| February | 38.3 | 29.6 | 29.3 | 26.7 | 33.6 | 27.6 |
| March | 41.0 | 28.7 | 27.6 | 26.3 | 34.3 | 26.8 |
| April | 41.1 | 31.7 | 28.7 | 28.7 | 33.4 | 29.5 |
| May | 42.3 | 34.4 | 31.7 | 30.6 | 35.8 | 31.2 |
| June | 41.6 | 31.1 | 31.7 | 30.5 | 35.4 | 30.7 |
| July | 38.9 | 26.6 | 28.7 | 27.2 | 32.5 | 27.1 |
| August | 38.2 | 29.9 | 30.5 | 28.7 | 33.3 | 29.1 |
| September | 36.5 | 31.6 | 29.1 | 27.7 | 33.1 | 28.7 |
| October | 36.2 | 24.5 | 24.7 | 22.4 | 30.9 | 23.0 |
| November | 34.4 | 28.4 | 24.6 | 23.7 | 29.9 | 25.7 |
| December | 35.6 | 28.9 | 26.9 | 26.2 | 31.1 | 26.9 |
| **1988 Average** | **38.0** | **29.7** | **28.3** | **27.2** | **32.8** | **27.9** |
| **California** | | | | | | |
| January | 29.2 | 33.2 | 28.1 | 27.1 | 28.4 | 28.1 |
| February | 32.9 | 27.4 | 28.6 | 26.2 | 29.8 | 26.3 |
| March | W | 23.6 | 26.3 | 25.9 | 27.0 | 25.7 |
| April | 38.0 | 29.3 | 28.7 | 28.6 | 30.5 | 28.7 |
| May | 43.2 | 29.1 | 31.4 | 30.5 | 32.2 | 30.3 |
| June | 36.6 | 29.7 | 31.0 | 29.7 | 31.0 | 29.7 |
| July | 41.1 | 27.5 | 28.1 | 27.0 | 28.8 | 27.1 |
| August | 33.1 | 31.1 | 30.7 | 28.4 | 30.8 | 29.1 |
| September | 34.0 | 32.1 | 28.7 | 27.5 | 31.6 | 28.8 |
| October | 34.9 | 24.9 | 24.1 | 22.2 | 30.1 | 22.9 |
| November | 32.6 | 28.8 | 24.6 | 23.5 | 28.8 | 25.6 |
| December | 34.5 | 28.9 | 26.6 | 26.3 | 30.3 | 26.9 |
| **1988 Average** | **33.8** | **29.1** | **27.7** | **26.8** | **29.9** | **27.3** |
| **Hawaii** | | | | | | |
| January | W | W | 31.5 | W | 44.7 | W |
| February | 46.2 | W | 29.8 | W | 42.5 | W |
| March | 44.4 | W | 30.6 | W | 41.7 | W |
| April | 42.3 | W | 29.7 | W | 39.4 | W |
| May | 42.6 | W | 32.3 | W | 40.7 | W |
| June | 41.9 | W | 32.7 | W | 40.1 | W |
| July | 39.4 | - | 31.6 | W | 38.0 | W |
| August | 38.8 | - | 30.0 | W | 37.0 | W |
| September | 39.5 | - | 30.7 | W | 37.1 | W |
| October | 40.2 | - | 27.7 | W | 36.3 | W |
| November | 37.6 | - | 25.1 | W | 35.0 | W |
| December | 38.3 | - | 29.1 | W | 35.7 | W |
| **1988 Average** | **41.6** | W | **29.9** | **36.5** | **39.0** | W |
| **Oregon** | | | | | | |
| January | 45.9 | W | 44.2 | 31.6 | 45.1 | 35.1 |
| February | W | W | 44.4 | 28.8 | 45.0 | 30.8 |
| March | W | W | 43.6 | 29.1 | 45.2 | 30.9 |
| April | W | W | 35.3 | 29.3 | 39.7 | 30.9 |
| May | W | 39.5 | 34.3 | 37.3 | 36.4 | 39.2 |
| June | 44.4 | W | 35.2 | 35.1 | 37.2 | 35.2 |
| July | W | W | 36.9 | 33.5 | 37.9 | 33.5 |
| August | 42.8 | W | 37.9 | 34.2 | 39.4 | 35.9 |
| September | NA | W | 34.7 | 31.0 | 34.9 | 33.8 |
| October | W | 35.8 | W | 26.6 | W | 27.6 |
| November | W | 35.7 | W | 25.3 | W | 27.9 |
| December | W | 35.9 | W | 27.7 | 34.3 | 30.0 |
| **1988 Average** | **45.5** | **39.0** | **35.5** | **29.6** | **38.2** | **31.7** |

See footnotes at end of table.

## Table 39. Refiner/Reseller Residual Fuel Oil Prices for Selected States (Continued)
(Cents per Gallon Excluding Taxes)

| Geographic Area Month | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent | | Residual Fuel Oil Sulfur Content Greater Than 1 Percent | | Average Residual | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Washington** | | | | | | |
| January | W | W | 30.6 | 30.0 | 30.6 | 29.9 |
| February | W | W | 28.4 | 28.1 | 28.9 | 28.1 |
| March | W | W | 27.1 | 27.7 | 27.3 | 27.4 |
| April | W | W | 28.0 | 30.1 | 28.0 | 29.6 |
| May | W | W | 31.5 | 31.2 | 31.5 | 31.2 |
| June | W | - | 32.5 | 34.7 | 32.5 | 34.7 |
| July | 31.0 | - | 28.0 | 27.6 | 28.0 | 27.6 |
| August | W | W | 29.9 | 29.3 | 29.9 | 28.6 |
| September | W | W | 28.4 | 28.2 | 28.5 | 27.7 |
| October | W | W | 23.7 | 22.4 | 23.7 | 22.4 |
| November | W | W | 24.0 | 24.1 | 24.1 | 24.1 |
| December | W | W | 25.9 | 25.7 | 26.0 | 25.5 |
| **1988 Average** | **37.8** | W | **28.2** | **28.4** | **28.3** | **28.2** |

* Values do not equal average of States' prices because some State data used for PAD District averages are not sufficient for publication at the State level.

Dashes (-) = No data reported.

NA = Not Available.

W = Withheld to avoid disclosure of individual company data.

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

# Sales Volumes of Petroleum Products

# Table 40. Refiner Total Motor Gasoline Volumes by Seller Type
(Thousand Gallons)

| Geographic Area Month | Major Refiners | | | Other Refiners and Gas Plant Operators | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | |
| **U.S. Total** | | | | | | | | | |
| January | 1,182,676 | 86,949 | 5,643,671 | 458,068 | 40,579 | 1,685,616 | 1,640,744 | 127,528 | 7,329,288 |
| February | 1,152,842 | 86,523 | 5,572,332 | 453,456 | 44,289 | 1,679,438 | 1,606,297 | 130,812 | 7,251,770 |
| March | 1,270,339 | 100,337 | 6,207,742 | 490,492 | 47,735 | 1,947,719 | 1,760,831 | 148,072 | 8,155,460 |
| April | 1,219,725 | 90,154 | 5,996,815 | 483,325 | 54,319 | 1,864,949 | 1,703,050 | 144,473 | 7,861,764 |
| May | 1,266,047 | 96,104 | 6,240,134 | 484,142 | 35,448 | 1,996,263 | 1,750,189 | 131,552 | 8,236,397 |
| June | 1,269,877 | 86,337 | 6,480,060 | 490,359 | 39,949 | 2,115,936 | 1,760,236 | 126,286 | 8,595,996 |
| July | 1,289,830 | 75,226 | 6,403,074 | 500,173 | 52,841 | 2,129,829 | 1,790,003 | 128,067 | 8,532,903 |
| August | 1,308,852 | 81,403 | 6,532,468 | 497,041 | 48,655 | 2,029,974 | 1,805,893 | 130,058 | 8,562,442 |
| September | 1,225,869 | 80,391 | 5,999,717 | 477,172 | 47,651 | 1,888,205 | 1,703,041 | 128,042 | 7,887,922 |
| October | 1,257,858 | 79,932 | 6,066,085 | 476,913 | 57,241 | 1,948,989 | 1,734,771 | 137,173 | 8,015,074 |
| November | 1,206,196 | 76,712 | 5,847,047 | 457,284 | 53,301 | 1,989,538 | 1,663,480 | 130,013 | 7,836,585 |
| December | 1,316,487 | 78,869 | 6,158,225 | 505,917 | 54,821 | 2,089,647 | 1,822,404 | 133,690 | 8,247,872 |
| **1988 Total** | **14,966,598** | **1,018,937** | **73,147,369** | **5,774,341** | **576,829** | **23,366,104** | **20,740,938** | **1,595,765** | **96,513,473** |
| **PAD District I Total** | | | | | | | | | |
| January | 338,297 | 22,232 | 2,188,772 | 113,541 | 14,194 | 378,756 | 451,838 | 36,426 | 2,567,528 |
| February | 336,444 | 22,583 | 2,154,541 | 117,510 | 14,221 | 367,022 | 453,954 | 36,804 | 2,521,563 |
| March | 373,085 | 25,001 | 2,356,544 | 127,969 | 15,521 | 443,153 | 501,054 | 40,522 | 2,799,696 |
| April | 360,770 | 22,741 | 2,299,576 | 121,010 | 16,143 | 417,027 | 481,780 | 38,884 | 2,716,603 |
| May | 370,840 | 23,641 | 2,354,316 | 128,252 | 16,883 | 504,066 | 499,092 | 40,524 | 2,858,382 |
| June | 366,397 | 21,862 | 2,417,733 | 131,255 | 17,378 | 453,096 | 497,652 | 39,240 | 2,870,829 |
| July | 378,906 | 19,952 | 2,398,796 | 128,427 | 18,575 | 531,610 | 507,333 | 38,527 | 2,930,406 |
| August | 385,457 | 24,853 | 2,457,198 | 127,686 | 17,353 | 441,775 | 513,143 | 42,206 | 2,898,973 |
| September | 352,369 | 26,066 | 2,261,084 | 123,924 | 15,566 | 444,477 | 476,293 | 41,632 | 2,705,561 |
| October | 369,178 | 26,796 | 2,298,478 | 121,401 | 19,335 | 408,538 | 490,579 | 46,131 | 2,707,016 |
| November | 354,794 | 25,931 | 2,229,665 | 117,703 | 20,869 | 502,767 | 472,497 | 46,800 | 2,732,432 |
| December | 385,502 | 26,774 | 2,358,988 | 116,892 | 21,240 | 503,442 | 502,394 | 48,014 | 2,862,430 |
| **1988 Total** | **4,372,038** | **288,432** | **27,775,690** | **1,475,570** | **207,278** | **5,395,729** | **5,847,608** | **495,710** | **33,171,419** |
| **Subdistrict IA Total** | | | | | | | | | |
| January | 20,338 | 1,993 | 292,471 | 1,839 | 954 | 27,575 | 22,177 | 2,947 | 320,046 |
| February | 19,502 | 1,901 | 269,308 | 1,866 | 1,010 | 24,040 | 21,368 | 2,911 | 293,348 |
| March | 21,292 | W | 304,629 | 1,722 | W | 32,311 | 23,014 | 3,291 | 336,940 |
| April | 21,013 | 1,837 | 297,362 | 1,916 | 899 | 31,379 | 22,929 | 2,736 | 328,741 |
| May | 21,974 | 2,021 | 306,961 | 2,081 | 1,151 | 58,556 | 24,055 | 3,172 | 365,517 |
| June | 21,826 | W | 332,414 | 2,257 | W | 33,136 | 24,083 | 3,251 | 365,550 |
| July | 22,652 | W | 335,441 | 2,376 | W | 26,564 | 25,028 | 7,147 | 362,005 |
| August | 23,078 | W | 338,832 | 2,316 | W | 20,978 | 25,394 | 3,384 | 359,810 |
| September | 21,033 | W | 306,123 | 2,067 | W | 27,443 | 23,100 | 3,354 | 333,566 |
| October | W | W | 313,548 | W | W | 17,985 | 25,265 | 3,712 | 331,533 |
| November | W | W | 302,364 | W | W | 63,511 | 24,010 | 3,386 | 365,875 |
| December | W | W | 309,571 | W | W | 40,873 | 26,114 | 3,964 | 350,444 |
| **1988 Total** | **263,811** | **26,430** | **3,709,024** | **22,726** | **16,825** | **404,351** | **286,537** | **43,255** | **4,113,376** |
| **Connecticut** | | | | | | | | | |
| January | W | W | 79,687 | W | W | 6,824 | 628 | 914 | 86,511 |
| February | W | W | 78,631 | W | W | 6,023 | 626 | 848 | 84,654 |
| March | W | W | 89,926 | W | W | 7,303 | 677 | 1,019 | 97,229 |
| April | W | W | 94,562 | W | W | 17,517 | 830 | 801 | 112,079 |
| May | W | W | 88,317 | W | W | 6,046 | 1,010 | 1,110 | 94,363 |
| June | W | W | 95,746 | W | W | 6,229 | 912 | 990 | 101,975 |
| July | W | W | 90,067 | W | W | 5,413 | 944 | 845 | 95,480 |
| August | W | W | 94,367 | W | W | 6,202 | 864 | 853 | 100,569 |
| September | W | W | 88,632 | W | W | 5,585 | 887 | 737 | 94,217 |
| October | W | W | W | W | W | W | W | 823 | 92,541 |
| November | W | W | 85,938 | W | W | 3,184 | W | 609 | 89,122 |
| December | W | W | 90,386 | W | W | 8,044 | W | 872 | 98,430 |
| **1988 Total** | **8,792** | W | W | W | W | W | W | **10,421** | **1,147,170** |

See footnotes at end of table.

# Table 40. Refiner Total Motor Gasoline Volumes by Seller Type (Continued)
(Thousand Gallons)

| Geographic Area Month | Major Refiners | | | Other Refiners and Gas Plant Operators | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | |
| **Maine** | | | | | | | | | |
| January | W | W | W | W | W | W | W | 257 | 30,036 |
| February | W | W | W | W | W | W | W | 263 | 30,191 |
| March | W | W | 30,669 | W | W | 1,964 | W | 238 | 32,633 |
| April | W | W | 29,323 | W | W | 3,154 | W | 249 | 32,477 |
| May | W | W | 32,699 | W | W | 3,175 | W | 257 | 35,874 |
| June | W | W | 37,994 | W | W | 2,879 | W | 271 | 40,873 |
| July | W | W | 42,356 | W | W | 1,324 | W | 252 | 43,680 |
| August | W | W | 45,700 | W | W | 2,215 | W | 282 | 47,915 |
| September | W | W | 36,787 | W | W | 2,757 | W | 249 | 39,544 |
| October | W | W | 35,648 | W | W | 760 | W | 305 | 36,408 |
| November | W | W | W | W | W | W | W | 272 | 32,527 |
| December | W | W | W | W | W | W | W | 297 | 34,961 |
| **1988 Total** | W | W | W | W | W | W | W | **3,192** | **437,119** |
| **Massachusetts** | | | | | | | | | |
| January | W | W | 135,619 | W | W | 15,316 | 14,334 | 1,226 | 150,935 |
| February | W | W | 114,318 | W | W | 12,396 | 13,937 | 1,266 | 126,714 |
| March | W | W | 125,603 | W | W | 19,639 | 15,178 | 1,453 | 145,242 |
| April | W | W | 123,556 | W | W | 7,350 | 14,920 | 1,176 | 130,906 |
| May | W | W | 130,657 | W | W | 45,251 | 15,474 | 1,272 | 175,908 |
| June | W | W | 134,964 | W | W | 19,479 | 15,339 | 1,317 | 154,443 |
| July | W | W | 144,345 | W | W | 15,689 | 15,526 | 5,539 | 160,034 |
| August | W | W | 138,422 | W | W | 6,804 | 15,790 | 1,511 | 145,226 |
| September | W | W | W | W | W | W | 14,515 | 1,624 | 142,009 |
| October | W | W | W | W | W | W | 14,922 | 1,881 | 143,183 |
| November | W | W | 133,996 | W | W | 55,481 | 14,220 | 1,727 | 189,477 |
| December | W | W | 132,157 | W | W | 28,801 | 15,776 | 1,979 | 160,958 |
| **1988 Total** | W | W | **1,574,745** | W | W | **250,290** | **179,931** | **21,971** | **1,825,036** |
| **New Hampshire** | | | | | | | | | |
| January | W | W | W | W | W | W | 3,310 | 250 | 14,237 |
| February | W | W | W | W | W | W | 3,063 | 248 | 13,341 |
| March | W | W | W | W | W | W | 3,283 | 328 | 13,085 |
| April | W | W | W | W | W | W | 3,220 | 243 | 12,124 |
| May | W | W | W | W | W | W | 3,465 | 260 | 13,611 |
| June | W | W | W | W | W | W | 3,615 | 333 | 14,167 |
| July | W | W | W | W | W | W | 3,718 | 261 | 14,130 |
| August | W | W | W | W | W | W | 3,988 | 433 | 15,170 |
| September | W | W | W | W | W | W | 3,614 | 436 | 13,637 |
| October | W | W | W | W | W | W | 3,470 | 369 | 15,289 |
| November | W | W | W | W | W | W | 3,248 | 462 | 13,700 |
| December | W | W | W | W | W | W | 3,621 | 514 | 13,864 |
| **1988 Total** | W | W | W | W | W | W | **41,615** | **4,137** | **166,355** |
| **Rhode Island** | | | | | | | | | |
| January | 1,332 | W | W | W | W | W | W | 150 | 31,379 |
| February | 1,180 | W | W | W | W | W | W | 90 | 32,339 |
| March | 1,280 | W | W | W | W | W | W | 106 | 42,416 |
| April | 1,274 | W | W | W | W | W | W | 152 | 35,155 |
| May | 1,349 | W | W | W | W | W | W | 147 | 38,550 |
| June | 1,299 | W | W | W | W | W | W | 183 | 45,879 |
| July | 1,495 | W | W | W | W | W | W | 113 | 40,698 |
| August | 1,677 | W | W | W | W | W | W | 136 | 41,782 |
| September | 1,557 | W | W | W | W | W | W | 161 | 36,862 |
| October | W | W | W | W | W | W | 1,590 | 189 | 37,036 |
| November | W | W | W | W | W | W | 1,410 | 153 | 34,312 |
| December | W | W | W | W | W | W | 1,484 | 105 | 34,396 |
| **1988 Total** | W | W | W | W | W | W | **17,571** | **1,685** | **450,804** |

See footnotes at end of table.

# Table 40. Refiner Total Motor Gasoline Volumes by Seller Type (Continued)
(Thousand Gallons)

| Geographic Area Month | Major Refiners | | | Other Refiners and Gas Plant Operators | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | |
| **Vermont** | | | | | | | | | |
| January | W | W | 6,397 | W | W | 551 | 635 | 150 | 6,948 |
| February | W | W | 5,579 | W | W | 530 | 727 | 196 | 6,109 |
| March | W | W | 5,889 | W | W | 446 | 603 | 147 | 6,335 |
| April | W | W | 5,647 | W | W | 353 | 609 | 115 | 6,000 |
| May | W | W | 6,526 | W | W | 685 | 564 | 126 | 7,211 |
| June | W | W | 7,565 | W | W | 648 | 624 | 157 | 8,213 |
| July | W | W | 7,280 | W | W | 703 | 805 | 137 | 7,983 |
| August | W | W | 8,103 | W | W | 1,045 | 688 | 169 | 9,148 |
| September | W | W | 6,503 | W | W | 794 | 577 | 147 | 7,297 |
| October | W | W | 6,226 | W | W | 850 | 592 | 145 | 7,076 |
| November | W | W | 5,657 | W | W | 1,080 | 575 | 163 | 6,737 |
| December | W | W | 7,169 | W | W | 666 | 628 | 197 | 7,835 |
| **1988 Total** | W | W | **78,541** | W | W | **8,351** | **7,627** | **1,849** | **86,892** |
| **Subdistrict IB Total** | | | | | | | | | |
| January | 94,164 | 6,224 | 996,625 | 53,618 | 5,459 | 192,369 | 147,782 | 11,683 | 1,188,994 |
| February | 92,275 | 5,713 | 962,034 | 51,522 | 6,064 | 174,403 | 143,797 | 11,777 | 1,136,437 |
| March | 102,594 | W | 1,022,599 | 57,701 | W | 207,753 | 160,295 | 12,843 | 1,230,351 |
| April | 101,969 | 6,224 | 1,003,814 | 58,933 | 5,681 | 192,637 | 160,902 | 11,905 | 1,196,451 |
| May | 110,320 | 6,969 | 1,039,227 | 63,272 | 6,403 | 261,467 | 173,592 | 13,372 | 1,300,694 |
| June | 111,226 | 6,926 | 1,039,942 | 63,230 | 6,696 | 239,229 | 174,456 | 13,622 | 1,279,171 |
| July | 114,705 | 5,816 | 1,057,220 | 64,414 | 4,799 | 298,599 | 179,119 | 10,615 | 1,355,819 |
| August | 118,956 | 7,525 | 1,073,266 | 63,680 | 5,371 | 227,485 | 182,636 | 12,896 | 1,300,751 |
| September | 105,958 | 8,004 | 974,298 | 59,447 | 5,313 | 246,803 | 165,405 | 13,317 | 1,221,101 |
| October | W | 8,039 | 984,500 | W | 5,564 | 206,596 | 171,655 | 13,603 | 1,191,096 |
| November | W | 8,356 | 950,342 | W | 9,863 | 243,543 | 161,766 | 18,219 | 1,193,885 |
| December | W | 8,565 | 999,698 | W | 5,274 | 278,689 | 174,927 | 13,839 | 1,278,387 |
| **1988 Total** | **1,278,281** | W | **12,103,564** | **718,051** | W | **2,769,573** | **1,996,332** | **157,691** | **14,873,137** |
| **Delaware** | | | | | | | | | |
| January | 1,010 | 111 | W | - | - | W | 1,010 | 111 | 19,659 |
| February | 904 | 115 | W | - | - | W | 904 | 115 | 18,542 |
| March | 1,088 | W | W | - | - | W | 1,088 | W | 18,833 |
| April | 1,143 | 186 | W | - | - | W | 1,143 | 186 | 14,990 |
| May | 1,226 | 181 | W | - | - | W | 1,226 | 181 | 22,351 |
| June | 1,224 | 145 | W | - | - | W | 1,224 | 145 | 20,527 |
| July | 1,258 | 101 | W | - | - | W | 1,258 | 101 | 16,469 |
| August | 1,308 | W | W | - | - | W | 1,308 | W | 21,373 |
| September | 1,101 | W | W | - | - | W | 1,101 | W | 18,435 |
| October | W | W | W | - | - | W | W | W | 18,058 |
| November | W | W | W | - | - | W | W | W | 16,842 |
| December | W | W | W | - | - | W | W | W | 20,509 |
| **1988 Total** | **13,193** | **2,191** | W | - | - | W | **13,193** | **2,191** | **226,588** |
| **District of Columbia** | | | | | | | | | |
| January | - | 153 | 15,591 | - | - | - | - | 153 | 15,591 |
| February | - | 178 | 16,963 | - | - | - | - | 178 | 16,963 |
| March | - | 166 | 17,758 | - | - | - | - | 166 | 17,758 |
| April | - | 200 | 13,984 | - | - | - | - | 200 | 13,984 |
| May | - | 169 | 14,089 | - | - | - | - | 169 | 14,089 |
| June | - | 160 | 14,176 | - | - | - | - | 160 | 14,176 |
| July | - | 163 | 13,735 | - | - | - | - | 163 | 13,735 |
| August | - | W | 13,836 | - | - | - | - | W | 13,836 |
| September | - | 430 | 13,170 | - | - | - | - | 430 | 13,170 |
| October | - | 317 | 14,576 | - | - | - | - | 317 | 14,576 |
| November | - | 426 | 13,701 | - | - | - | - | 426 | 13,701 |
| December | - | 316 | 14,649 | - | - | - | - | 316 | 14,649 |
| **1988 Total** | - | W | **176,228** | - | - | - | - | W | **176,228** |

See footnotes at end of table.

# Table 40. Refiner Total Motor Gasoline Volumes by Seller Type (Continued)
(Thousand Gallons)

| Geographic Area Month | Major Refiners | | | Other Refiners and Gas Plant Operators | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | |
| **Maryland** | | | | | | | | | |
| January | - | W | W | W | W | W | W | 1,405 | 139,419 |
| February | - | W | W | W | W | W | W | 1,326 | 140,082 |
| March | - | 1,603 | W | W | W | W | W | W | 154,416 |
| April | - | W | W | W | W | W | W | 1,434 | 151,062 |
| May | - | W | W | W | W | W | W | 1,391 | 155,263 |
| June | - | W | W | W | W | W | W | 1,516 | 157,062 |
| July | - | W | W | W | W | W | W | 1,369 | 155,604 |
| August | - | W | W | W | W | W | W | 2,270 | 163,011 |
| September | - | 2,026 | W | W | W | W | W | W | 149,287 |
| October | - | 2,035 | W | W | W | W | W | W | 154,803 |
| November | - | 2,171 | W | W | W | W | W | W | 147,315 |
| December | - | 2,115 | W | W | W | W | W | W | 158,612 |
| **1988 Total** | **-** | **20,436** | W | W | W | W | W | W | **1,825,937** |
| **New Jersey** | | | | | | | | | |
| January | 25,306 | W | 295,011 | W | W | 52,581 | W | 1,643 | 347,592 |
| February | 28,007 | W | 264,561 | W | W | 50,594 | W | 1,875 | 315,155 |
| March | 31,707 | 1,103 | 247,476 | W | 813 | 76,051 | W | 1,916 | 323,527 |
| April | 31,711 | W | 256,638 | W | W | 53,388 | W | 1,758 | 310,026 |
| May | 33,094 | W | 285,588 | W | W | 115,452 | W | 1,810 | 401,040 |
| June | 34,339 | W | 272,691 | W | W | 81,242 | W | 2,106 | 353,933 |
| July | 35,943 | W | 267,235 | W | W | 108,217 | W | 1,356 | 375,452 |
| August | 37,161 | W | 259,953 | W | W | 65,108 | W | 1,918 | 325,061 |
| September | 32,991 | W | 234,381 | W | W | 92,829 | W | 1,738 | 327,210 |
| October | W | W | 233,464 | W | W | 42,746 | 34,863 | 1,833 | 276,210 |
| November | W | W | 214,408 | W | W | 92,745 | 32,909 | 1,789 | 307,153 |
| December | W | W | 249,824 | W | W | 109,803 | 35,557 | 2,023 | 359,627 |
| **1988 Total** | **390,625** | **14,970** | **3,081,231** | W | **6,795** | **940,756** | W | **21,765** | **4,021,987** |
| **New York** | | | | | | | | | |
| January | 28,796 | 1,393 | 240,204 | 26,572 | 3,295 | 42,428 | 55,368 | 4,688 | 282,632 |
| February | 27,498 | 1,370 | 238,919 | 25,916 | 3,433 | 34,687 | 53,414 | 4,803 | 273,606 |
| March | 30,456 | 1,549 | 264,079 | 28,770 | 3,538 | 39,501 | 59,226 | 5,087 | 303,580 |
| April | 30,889 | 1,215 | 253,167 | 28,742 | 3,232 | 45,559 | 59,631 | 4,447 | 298,726 |
| May | 33,884 | 1,623 | 269,099 | 31,969 | 3,507 | 45,504 | 65,853 | 5,130 | 314,603 |
| June | 34,357 | 1,504 | 272,940 | 32,341 | 3,560 | 45,883 | 66,698 | 5,064 | 318,823 |
| July | 35,696 | 1,205 | 281,918 | 32,967 | 2,516 | 48,604 | 68,663 | 3,721 | 330,522 |
| August | 36,718 | 1,553 | 292,772 | 32,740 | 2,810 | 51,596 | 69,458 | 4,363 | 344,368 |
| September | 32,519 | 1,447 | 264,786 | 30,319 | 2,760 | 47,697 | 62,838 | 4,207 | 312,483 |
| October | 32,760 | 1,454 | 269,221 | 30,709 | 2,925 | 48,658 | 63,469 | 4,379 | 317,879 |
| November | 30,809 | 1,380 | 258,638 | 28,694 | 7,182 | 44,501 | 59,503 | 8,562 | 303,139 |
| December | 34,894 | 1,490 | 273,204 | 29,871 | 2,770 | 54,698 | 64,765 | 4,260 | 327,902 |
| **1988 Total** | **389,276** | **17,183** | **3,178,947** | **359,610** | **41,528** | **549,316** | **748,886** | **58,711** | **3,728,263** |
| **Pennsylvania** | | | | | | | | | |
| January | 39,052 | 1,839 | 305,623 | 26,184 | 1,844 | 78,478 | 65,236 | 3,683 | 384,101 |
| February | 35,866 | 1,705 | 299,882 | 24,771 | 1,775 | 72,207 | 60,637 | 3,480 | 372,089 |
| March | 39,343 | 2,013 | 335,102 | 27,911 | 1,851 | 77,135 | 67,254 | 3,864 | 412,237 |
| April | 38,226 | 2,259 | 328,937 | 29,059 | 1,621 | 78,725 | 67,285 | 3,880 | 407,662 |
| May | 42,116 | 2,634 | 309,499 | 29,991 | 2,057 | 83,849 | 72,107 | 4,691 | 393,348 |
| June | 41,306 | 2,390 | 320,159 | 29,573 | 2,241 | 94,491 | 70,879 | 4,631 | 414,650 |
| July | 41,808 | 2,146 | 336,834 | 30,309 | 1,759 | 127,203 | 72,117 | 3,905 | 464,037 |
| August | 43,769 | 1,673 | 339,165 | 29,872 | 2,047 | 93,937 | 73,641 | 3,720 | 433,102 |
| September | 39,347 | 2,436 | 309,415 | 28,113 | 2,203 | 91,101 | 67,460 | 4,639 | 400,516 |
| October | 42,232 | 2,583 | 315,026 | 30,005 | 2,195 | 94,544 | 72,237 | 4,778 | 409,570 |
| November | 38,872 | 2,671 | 315,653 | 29,575 | 2,343 | 90,082 | 68,447 | 5,014 | 405,735 |
| December | 43,250 | 2,761 | 301,335 | 30,296 | 2,105 | 95,753 | 73,546 | 4,866 | 397,088 |
| **1988 Total** | **485,187** | **27,110** | **3,816,630** | **345,659** | **24,041** | **1,077,505** | **830,846** | **51,151** | **4,894,135** |

See footnotes at end of table.

# Table 40. Refiner Total Motor Gasoline Volumes by Seller Type (Continued)
(Thousand Gallons)

| Geographic Area Month | Major Refiners | | | Other Refiners and Gas Plant Operators | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | |
| **Subdistrict IC Total** | | | | | | | | | |
| January | 223,795 | 14,015 | 899,676 | 58,084 | 7,781 | 158,812 | 281,879 | 21,796 | 1,058,488 |
| February | 224,667 | 14,969 | 923,199 | 64,122 | 7,147 | 168,579 | 288,789 | 22,116 | 1,091,778 |
| March | 249,199 | 16,279 | 1,029,316 | 68,546 | 8,109 | 203,089 | 317,745 | 24,388 | 1,232,405 |
| April | 237,788 | 14,680 | 998,400 | 60,161 | 9,563 | 193,011 | 297,949 | 24,243 | 1,191,411 |
| May | 238,546 | 14,651 | 1,008,128 | 62,899 | 9,329 | 184,043 | 301,445 | 23,980 | 1,192,171 |
| June | 233,345 | W | 1,045,377 | 65,768 | W | 180,731 | 299,113 | 22,367 | 1,226,108 |
| July | 241,549 | W | 1,006,135 | 61,637 | W | 206,447 | 303,186 | 20,765 | 1,212,582 |
| August | 243,423 | W | 1,045,100 | 61,690 | W | 193,312 | 305,113 | 25,926 | 1,238,412 |
| September | 225,378 | W | 980,663 | 62,410 | W | 170,231 | 287,788 | 24,961 | 1,150,894 |
| October | 235,581 | W | 1,000,430 | 58,078 | W | 183,957 | 293,659 | 28,816 | 1,184,387 |
| November | 229,715 | W | 976,959 | 57,006 | W | 195,713 | 286,721 | 25,195 | 1,172,672 |
| December | 246,961 | W | 1,049,719 | 54,392 | W | 183,880 | 301,353 | 30,211 | 1,233,599 |
| **1988 Total** | **2,829,947** | W | **11,963,102** | **734,793** | W | **2,221,805** | **3,564,740** | **294,764** | **14,184,907** |
| **Florida** | | | | | | | | | |
| January | 97,762 | W | 291,919 | 21,742 | W | 68,778 | 119,504 | 10,905 | 360,697 |
| February | 98,287 | W | 289,901 | 24,849 | W | 72,047 | 123,136 | 10,771 | 361,948 |
| March | 108,483 | W | 319,830 | 25,187 | W | 87,339 | 133,670 | 11,279 | 407,169 |
| April | 101,860 | W | 302,575 | 20,499 | W | 84,631 | 122,359 | 11,037 | 387,206 |
| May | 100,441 | W | 289,254 | 20,054 | W | 75,195 | 120,495 | 10,946 | 364,449 |
| June | 95,825 | W | 296,035 | 22,628 | W | 71,139 | 118,453 | 10,943 | 367,174 |
| July | 97,901 | W | 287,506 | 19,216 | W | 86,357 | 117,117 | 10,834 | 373,863 |
| August | 99,744 | W | 293,159 | 19,360 | W | 77,765 | 119,104 | 12,496 | 370,924 |
| September | 93,424 | W | 275,869 | 20,858 | W | 73,825 | 114,282 | 10,521 | 349,694 |
| October | 97,816 | W | 287,841 | 16,357 | W | 68,159 | 114,173 | 13,245 | 356,000 |
| November | 97,974 | W | 289,971 | 16,260 | W | 71,243 | 114,234 | 10,993 | 361,214 |
| December | 105,360 | W | 306,485 | 13,541 | W | 72,702 | 118,901 | 15,770 | 379,187 |
| **1988 Total** | **1,194,877** | W | **3,530,345** | **240,551** | W | **909,180** | **1,435,428** | **139,740** | **4,439,525** |
| **Georgia** | | | | | | | | | |
| January | 43,366 | W | 165,528 | 9,692 | W | 32,449 | 53,058 | 1,794 | 197,977 |
| February | 43,874 | W | 175,898 | 10,810 | W | 32,313 | 54,684 | 1,797 | 208,211 |
| March | 48,889 | W | 194,974 | 11,872 | W | 40,505 | 60,761 | 2,091 | 235,479 |
| April | 45,532 | W | 189,572 | 11,754 | W | 38,724 | 57,286 | 3,020 | 228,296 |
| May | 46,090 | W | 193,121 | 12,172 | W | 37,788 | 58,262 | 2,177 | 230,909 |
| June | 46,489 | W | 198,671 | 12,281 | W | 37,227 | 58,770 | 1,952 | 235,898 |
| July | 47,888 | W | 187,066 | 11,756 | W | 39,017 | 59,644 | 1,815 | 226,083 |
| August | 48,029 | W | 201,334 | 11,926 | W | 38,583 | 59,955 | 2,874 | 239,917 |
| September | 43,752 | W | 187,288 | 11,985 | W | 33,478 | 55,737 | 3,096 | 220,766 |
| October | 45,546 | W | 189,691 | 11,466 | W | 38,753 | 57,012 | 3,368 | 228,444 |
| November | 43,959 | W | 183,548 | 11,197 | W | 39,568 | 55,156 | 2,755 | 223,116 |
| December | 47,714 | W | 200,400 | 10,662 | W | 36,972 | 58,376 | 3,001 | 237,372 |
| **1988 Total** | **551,128** | W | **2,267,091** | **137,573** | W | **445,377** | **688,701** | **29,740** | **2,712,468** |
| **North Carolina** | | | | | | | | | |
| January | 18,791 | W | 178,113 | 8,911 | W | 21,888 | 27,702 | 3,545 | 200,001 |
| February | 19,496 | W | 191,451 | 9,812 | W | 23,959 | 29,308 | 4,205 | 215,410 |
| March | 21,446 | W | 214,656 | 10,696 | W | 29,974 | 32,142 | 4,788 | 244,630 |
| April | 19,686 | W | 207,843 | 7,882 | W | 28,918 | 27,568 | 3,635 | 236,761 |
| May | 19,636 | W | 215,964 | 10,534 | W | 29,432 | 30,170 | 4,388 | 245,396 |
| June | 19,254 | W | 231,060 | 10,835 | W | 28,536 | 30,089 | 3,377 | 259,596 |
| July | 20,681 | W | 220,274 | 10,769 | W | 29,827 | 31,450 | 2,705 | 250,101 |
| August | 20,977 | W | 226,894 | 10,520 | W | 38,736 | 31,497 | 3,882 | 265,630 |
| September | 18,872 | W | 216,507 | 10,216 | W | 29,392 | 29,088 | 4,627 | 245,899 |
| October | 19,600 | W | 215,175 | 10,607 | W | 33,434 | 30,207 | 4,820 | 248,609 |
| November | 18,718 | W | 204,321 | 10,300 | W | 42,775 | 29,018 | 4,510 | 247,096 |
| December | W | W | 228,322 | W | W | 34,719 | 30,405 | 4,290 | 263,041 |
| **1988 Total** | W | W | **2,550,580** | W | W | **371,590** | **358,644** | **48,772** | **2,922,170** |

See footnotes at end of table.

# Table 40. Refiner Total Motor Gasoline Volumes by Seller Type (Continued)
(Thousand Gallons)

| Geographic Area Month | Major Refiners | | | Other Refiners and Gas Plant Operators | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | |
| **South Carolina** | | | | | | | | | |
| January | 19,519 | W | 77,888 | 8,000 | W | 12,553 | 27,519 | 1,104 | 90,441 |
| February | 20,293 | W | 83,667 | 9,202 | W | 12,706 | 29,495 | 1,161 | 96,373 |
| March | 23,069 | W | 94,190 | 10,346 | W | 16,006 | 33,415 | 1,234 | 110,196 |
| April | 22,624 | W | 93,264 | 9,774 | W | 14,575 | 32,398 | 1,158 | 107,839 |
| May | 22,958 | W | 95,444 | 9,739 | W | 14,247 | 32,697 | 1,204 | 109,691 |
| June | 22,887 | W | 101,777 | 9,879 | W | 14,425 | 32,766 | 999 | 116,202 |
| July | 23,626 | W | 98,320 | 9,457 | W | 21,035 | 33,083 | 1,050 | 119,355 |
| August | 23,373 | W | 98,927 | 9,511 | W | 12,865 | 32,884 | 1,210 | 111,792 |
| September | 21,959 | W | 93,131 | 9,726 | W | 11,795 | 31,685 | 1,246 | 104,926 |
| October | 22,581 | W | 95,073 | 9,628 | W | 17,575 | 32,209 | 1,487 | 112,648 |
| November | 22,050 | W | 88,691 | 9,503 | W | 17,306 | 31,553 | 1,167 | 105,997 |
| December | 24,001 | W | 95,433 | 9,235 | W | 16,278 | 33,236 | 1,326 | 111,711 |
| **1988 Total** | **268,940** | W | **1,115,805** | **114,000** | W | **181,366** | **382,940** | **14,346** | **1,297,171** |
| **Virginia** | | | | | | | | | |
| January | 32,533 | 2,206 | 158,141 | 9,153 | 882 | 21,129 | 41,686 | 3,088 | 179,270 |
| February | 31,618 | W | 156,183 | 8,860 | W | 22,506 | 40,478 | 2,720 | 178,689 |
| March | 34,746 | W | 172,375 | 9,780 | W | 26,567 | 44,526 | 3,373 | 198,942 |
| April | 35,268 | 2,942 | 173,552 | 9,590 | 905 | 24,345 | 44,858 | 3,847 | 197,897 |
| May | 36,257 | W | 181,853 | 9,717 | W | 21,934 | 45,974 | 3,603 | 203,787 |
| June | 35,987 | W | 186,616 | 9,457 | W | 23,880 | 45,444 | 3,458 | 210,496 |
| July | 37,896 | W | 182,199 | 9,760 | W | 24,998 | 47,656 | 3,063 | 207,197 |
| August | 37,756 | W | 192,298 | 9,732 | W | 22,251 | 47,488 | 3,957 | 214,549 |
| September | 35,043 | W | 176,745 | 9,017 | W | 19,740 | 44,060 | 3,959 | 196,485 |
| October | 36,736 | 2,375 | 178,363 | 9,406 | 2,111 | 23,632 | 46,142 | 4,486 | 201,995 |
| November | 34,311 | 2,165 | 177,402 | 9,123 | 2,226 | 22,908 | 43,434 | 4,391 | 200,310 |
| December | 36,412 | W | 186,992 | 9,809 | W | 21,188 | 46,221 | 4,480 | 208,180 |
| **1988 Total** | **424,563** | **28,476** | **2,122,719** | **113,404** | **15,949** | **275,078** | **537,967** | **44,425** | **2,397,797** |
| **West Virginia** | | | | | | | | | |
| January | 11,824 | W | 28,087 | 586 | W | 2,015 | 12,410 | 1,360 | 30,102 |
| February | 11,099 | W | 26,099 | 589 | W | 5,048 | 11,688 | 1,462 | 31,147 |
| March | 12,566 | W | 33,291 | 665 | W | 2,698 | 13,231 | 1,623 | 35,989 |
| April | 12,818 | W | 31,594 | 662 | W | 1,818 | 13,480 | 1,546 | 33,412 |
| May | 13,164 | W | 32,492 | 683 | W | 5,447 | 13,847 | 1,662 | 37,939 |
| June | 12,903 | W | 31,218 | 688 | W | 5,524 | 13,591 | 1,638 | 36,742 |
| July | 13,557 | W | 30,770 | 679 | W | 5,213 | 14,236 | 1,298 | 35,983 |
| August | 13,544 | W | 32,488 | 641 | W | 3,112 | 14,185 | 1,507 | 35,600 |
| September | 12,328 | W | 31,123 | 608 | W | 2,001 | 12,936 | 1,512 | 33,124 |
| October | 13,302 | W | 34,287 | 614 | W | 2,404 | 13,916 | 1,410 | 36,691 |
| November | 12,703 | W | 33,026 | 623 | W | 1,913 | 13,326 | 1,379 | 34,939 |
| December | W | W | 32,087 | W | W | 2,021 | 14,214 | 1,344 | 34,108 |
| **1988 Total** | W | W | **376,562** | W | W | **39,214** | **161,060** | **17,741** | **415,776** |
| **PAD District II Total** | | | | | | | | | |
| January | 444,604 | 27,761 | 1,416,074 | 177,445 | 1,544 | 494,643 | 622,049 | 29,305 | 1,910,717 |
| February | 428,402 | 27,657 | 1,347,144 | 176,417 | 1,515 | 502,132 | 604,819 | 29,172 | 1,849,276 |
| March | 460,283 | 34,186 | 1,510,412 | 192,942 | 2,209 | 600,981 | 653,225 | 36,395 | 2,111,393 |
| April | 455,091 | 32,628 | 1,476,654 | 190,413 | 2,248 | 578,518 | 645,504 | 34,876 | 2,055,172 |
| May | 473,046 | 31,432 | 1,547,131 | 196,105 | 1,308 | 606,904 | 669,151 | 32,740 | 2,154,035 |
| June | 476,678 | 31,576 | 1,654,500 | 197,129 | 1,968 | 671,058 | 673,807 | 33,544 | 2,325,558 |
| July | 485,096 | 29,851 | 1,627,459 | 195,968 | 1,960 | 660,971 | 681,064 | 31,811 | 2,288,430 |
| August | 489,208 | 28,418 | 1,635,238 | 203,247 | 3,467 | 664,611 | 692,455 | 31,885 | 2,299,849 |
| September | 454,396 | 29,452 | 1,554,944 | 190,849 | 2,415 | 576,399 | 645,245 | 31,867 | 2,131,343 |
| October | 475,687 | 29,409 | 1,592,820 | 198,113 | 2,013 | 631,554 | 673,800 | 31,422 | 2,224,374 |
| November | 449,024 | 29,226 | 1,498,312 | 189,660 | 2,186 | 578,401 | 638,684 | 31,412 | 2,076,713 |
| December | 493,430 | 29,173 | 1,586,294 | 224,467 | 2,243 | 619,238 | 717,897 | 31,416 | 2,205,532 |
| **1988 Total** | **5,584,945** | **360,769** | **18,446,982** | **2,332,755** | **25,076** | **7,185,410** | **7,917,700** | **385,845** | **25,632,392** |

See footnotes at end of table.

# Table 40. Refiner Total Motor Gasoline Volumes by Seller Type (Continued)
(Thousand Gallons)

| Geographic Area Month | Major Refiners | | | Other Refiners and Gas Plant Operators | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | |
| **Illinois** | | | | | | | | | |
| January | W | 2,212 | 237,240 | W | - | 13,489 | 76,850 | 2,212 | 250,729 |
| February | W | 1,619 | 219,580 | W | - | 18,016 | 72,562 | 1,619 | 237,596 |
| March | W | 2,385 | 241,759 | W | - | 30,280 | 79,275 | 2,385 | 272,039 |
| April | W | 2,354 | 243,393 | W | - | 21,127 | 77,929 | 2,354 | 264,520 |
| May | W | 1,551 | 243,689 | W | - | 25,527 | 80,690 | 1,551 | 269,216 |
| June | W | 1,980 | 257,089 | W | - | 26,094 | 83,140 | 1,980 | 283,183 |
| July | W | W | 264,068 | W | W | 25,451 | 83,612 | 2,992 | 289,519 |
| August | W | W | 251,411 | W | W | 28,561 | 83,371 | 1,521 | 279,972 |
| September | W | W | 240,328 | W | W | 22,514 | 77,709 | 1,060 | 262,842 |
| October | W | W | 252,200 | W | W | 28,252 | 81,595 | 1,048 | 280,452 |
| November | W | W | 231,569 | W | W | 21,599 | 77,527 | 1,567 | 253,168 |
| December | W | 1,105 | 253,506 | W | - | 31,448 | 91,775 | 1,105 | 284,954 |
| **1988 Total** | W | W | **2,935,832** | W | W | **292,358** | **966,035** | **21,394** | **3,228,190** |
| **Indiana** | | | | | | | | | |
| January | W | W | 112,285 | W | W | 38,799 | 52,235 | 1,492 | 151,084 |
| February | W | W | 103,397 | W | W | 39,163 | 49,371 | 1,555 | 142,560 |
| March | W | W | 117,960 | W | W | 48,469 | 53,766 | 1,657 | 166,429 |
| April | W | W | 115,203 | W | W | 44,868 | 53,599 | 1,493 | 160,071 |
| May | W | W | 117,301 | W | W | 48,202 | 55,214 | 1,545 | 165,503 |
| June | W | W | 127,521 | W | W | 44,397 | 55,357 | 1,382 | 171,918 |
| July | W | W | 134,336 | W | W | 41,897 | 52,981 | 1,516 | 176,233 |
| August | W | W | 123,717 | W | W | 49,679 | 58,614 | 1,257 | 173,396 |
| September | W | W | 125,086 | W | W | 42,240 | 54,606 | 1,529 | 167,326 |
| October | W | W | 125,274 | W | W | 49,100 | 57,183 | 1,370 | 174,374 |
| November | W | W | 117,580 | W | W | 48,272 | 54,968 | 1,285 | 165,852 |
| December | W | W | 132,463 | W | W | 49,654 | 60,987 | 1,364 | 182,117 |
| **1988 Total** | W | W | **1,452,123** | W | W | **544,740** | **658,881** | **17,445** | **1,996,863** |
| **Iowa** | | | | | | | | | |
| January | 3,740 | 565 | 53,275 | 9,207 | - | 33,193 | 12,947 | 565 | 86,468 |
| February | 3,505 | 312 | 51,820 | 8,571 | - | 34,208 | 12,076 | 312 | 86,028 |
| March | 3,808 | W | 57,591 | 9,275 | W | 39,814 | 13,083 | 716 | 97,405 |
| April | 3,632 | W | 53,649 | 8,746 | W | 38,338 | 12,378 | 428 | 91,987 |
| May | 3,860 | W | 56,717 | 9,254 | W | 38,922 | 13,114 | 483 | 95,639 |
| June | 3,644 | 391 | 59,281 | 9,230 | W | 44,021 | 12,874 | W | 103,302 |
| July | 3,289 | 537 | 60,519 | 9,371 | - | 41,880 | 12,660 | 537 | 102,399 |
| August | 3,559 | W | 63,366 | 9,259 | W | 42,338 | 12,818 | 555 | 105,704 |
| September | 3,295 | 902 | 58,544 | 8,678 | - | 42,971 | 11,973 | 902 | 101,515 |
| October | 3,056 | 874 | 61,749 | 9,210 | - | 39,844 | 12,266 | 874 | 101,593 |
| November | 2,486 | 614 | 61,067 | 8,987 | - | 36,678 | 11,473 | 614 | 97,745 |
| December | 2,832 | W | 60,695 | 9,403 | W | 45,249 | 12,235 | 854 | 105,944 |
| **1988 Total** | **40,706** | **7,176** | **698,273** | **109,191** | W | **477,456** | **149,897** | W | **1,175,729** |
| **Kansas** | | | | | | | | | |
| January | 7,112 | W | 39,648 | 9,189 | W | 80,647 | 16,301 | 1,185 | 120,295 |
| February | 6,710 | W | 40,450 | 8,571 | W | 79,035 | 15,281 | 1,330 | 119,485 |
| March | 7,215 | W | 48,352 | 9,574 | W | 91,517 | 16,789 | W | 139,869 |
| April | 7,160 | W | 39,272 | 11,132 | W | 92,044 | 18,292 | 1,350 | 131,316 |
| May | 7,532 | W | 43,687 | 11,521 | W | 97,343 | 19,053 | 1,644 | 141,030 |
| June | 7,515 | W | 46,075 | 11,592 | W | 110,384 | 19,107 | 1,681 | 156,459 |
| July | 7,540 | W | 44,961 | 12,087 | W | 127,376 | 19,627 | 1,650 | 172,337 |
| August | 7,952 | W | 43,530 | 11,898 | W | 104,434 | 19,850 | 1,291 | 147,964 |
| September | 7,197 | W | 44,672 | 11,386 | W | 88,485 | 18,583 | 1,182 | 133,157 |
| October | 7,502 | W | 46,528 | 11,489 | W | 99,667 | 18,991 | 846 | 146,195 |
| November | 7,428 | W | 45,179 | 11,256 | W | 84,263 | 18,684 | 732 | 129,442 |
| December | 8,077 | W | 40,250 | 11,993 | W | 87,255 | 20,070 | 1,800 | 127,505 |
| **1988 Total** | **88,940** | W | **522,604** | **131,688** | **2,166** | **1,142,450** | **220,628** | W | **1,665,054** |

See footnotes at end of table.

# Table 40. Refiner Total Motor Gasoline Volumes by Seller Type (Continued)
(Thousand Gallons)

| Geographic Area Month | Major Refiners | | | Other Refiners and Gas Plant Operators | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | |
| **Kentucky** | | | | | | | | | |
| January | 22,055 | W | 94,716 | 5,516 | W | 5,716 | 27,571 | 3,160 | 100,432 |
| February | 21,183 | W | 96,165 | 5,722 | W | 4,301 | 26,905 | 2,989 | 100,466 |
| March | 23,184 | W | 108,835 | 6,261 | W | 8,904 | 29,445 | 3,503 | 117,739 |
| April | 23,666 | W | 105,646 | 6,005 | W | 12,668 | 29,671 | 3,076 | 118,314 |
| May | 23,954 | W | 105,143 | 5,838 | W | 13,326 | 29,792 | 3,368 | 118,469 |
| June | 23,488 | 3,454 | 108,122 | 5,872 | - | 14,204 | 29,360 | 3,454 | 122,326 |
| July | 25,504 | W | 99,542 | 5,919 | W | 11,215 | 31,423 | 2,893 | 110,757 |
| August | 24,949 | 3,401 | 104,332 | 5,695 | - | 8,846 | 30,644 | 3,401 | 113,178 |
| September | 23,368 | W | 102,392 | 5,685 | W | 7,203 | 29,053 | 3,336 | 109,595 |
| October | 24,925 | 3,088 | 103,976 | 5,296 | - | 9,188 | 30,221 | 3,088 | 113,164 |
| November | 23,651 | 3,141 | 98,719 | 4,867 | - | 10,492 | 28,518 | 3,141 | 109,211 |
| December | 25,531 | 2,949 | 101,810 | 5,145 | - | 9,861 | 30,676 | 2,949 | 111,671 |
| **1988 Total** | **285,458** | W | **1,229,398** | **67,821** | W | **115,924** | **353,279** | **38,358** | **1,345,322** |
| **Michigan** | | | | | | | | | |
| January | 45,373 | 4,913 | 188,538 | 39,627 | - | 36,205 | 85,000 | 4,913 | 224,743 |
| February | 45,785 | 5,060 | 178,844 | 43,005 | - | 41,096 | 88,790 | 5,060 | 219,940 |
| March | 48,457 | 5,400 | 195,364 | 46,248 | - | 46,523 | 94,705 | 5,400 | 241,887 |
| April | 46,804 | 4,802 | 193,819 | 45,612 | - | 45,841 | 92,416 | 4,802 | 239,660 |
| May | 49,204 | 5,187 | 214,147 | 47,798 | - | 47,386 | 97,002 | 5,187 | 261,533 |
| June | 50,096 | 5,371 | 223,437 | 48,227 | - | 56,655 | 98,323 | 5,371 | 280,092 |
| July | 49,695 | 4,163 | 235,052 | 47,770 | - | 51,063 | 97,465 | 4,163 | 286,115 |
| August | 50,986 | W | 227,040 | 49,915 | W | 58,236 | 100,901 | 4,725 | 285,276 |
| September | 47,716 | 5,385 | 209,396 | 45,614 | - | 48,984 | 93,330 | 5,385 | 258,380 |
| October | 49,991 | 5,540 | 217,411 | 48,316 | - | 51,346 | 98,307 | 5,540 | 268,757 |
| November | 46,567 | 5,088 | 201,184 | 46,005 | - | 46,954 | 92,572 | 5,088 | 248,138 |
| December | 51,928 | 5,059 | 202,753 | 55,800 | - | 50,449 | 107,728 | 5,059 | 253,202 |
| **1988 Total** | **582,602** | W | **2,486,985** | **563,937** | W | **580,738** | **1,146,539** | **60,693** | **3,067,723** |
| **Minnesota** | | | | | | | | | |
| January | 23,981 | W | 72,296 | 4,119 | W | 43,738 | 28,100 | 1,370 | 116,034 |
| February | 22,661 | W | 72,290 | 3,810 | W | 51,093 | 26,471 | 1,380 | 123,383 |
| March | 23,329 | W | 77,373 | 4,008 | W | 53,875 | 27,337 | 1,802 | 131,248 |
| April | 23,474 | W | 80,721 | 4,013 | W | 58,655 | 27,487 | 1,677 | 139,376 |
| May | 24,982 | W | 76,554 | 4,167 | W | 50,794 | 29,149 | 1,365 | 127,348 |
| June | 25,701 | W | 86,422 | 4,237 | W | 60,541 | 29,938 | 1,590 | 146,963 |
| July | 26,100 | W | 82,351 | 6,220 | W | 57,343 | 32,320 | 1,295 | 139,694 |
| August | 26,888 | W | 81,100 | 7,304 | W | 57,458 | 34,192 | 1,317 | 138,558 |
| September | 25,558 | W | 78,671 | 6,304 | W | 55,393 | 31,862 | 1,185 | 134,064 |
| October | 27,178 | W | 78,575 | 6,776 | W | 57,993 | 33,954 | 1,836 | 136,568 |
| November | 24,986 | W | 76,117 | 6,369 | W | 52,206 | 31,355 | 1,531 | 128,323 |
| December | 28,003 | W | 80,696 | 7,228 | W | 54,863 | 35,231 | 1,615 | 135,559 |
| **1988 Total** | **302,841** | W | **943,166** | **64,555** | W | **653,952** | **367,396** | **17,963** | **1,597,118** |
| **Missouri** | | | | | | | | | |
| January | 21,997 | W | 98,319 | 17,308 | W | 47,567 | 39,305 | 1,183 | 145,886 |
| February | 20,922 | W | 92,400 | 16,292 | W | 43,605 | 37,214 | 1,171 | 136,005 |
| March | 22,878 | W | 106,563 | 18,015 | W | 57,412 | 40,893 | 1,489 | 163,975 |
| April | 22,761 | W | 101,018 | 17,643 | W | 53,750 | 40,404 | 2,243 | 154,768 |
| May | 22,532 | W | 106,626 | 17,513 | W | 64,728 | 40,045 | 1,165 | 171,354 |
| June | 23,086 | W | 111,738 | 17,676 | W | 73,439 | 40,762 | 1,216 | 185,177 |
| July | 23,385 | W | 108,126 | 17,603 | W | 68,327 | 40,988 | 996 | 176,453 |
| August | 23,409 | W | 108,837 | 18,024 | W | 73,208 | 41,433 | 1,277 | 182,045 |
| September | 21,758 | W | 104,995 | 17,240 | W | 56,814 | 38,998 | 1,246 | 161,809 |
| October | 22,681 | W | 108,818 | 17,710 | W | 60,012 | 40,391 | 1,307 | 168,830 |
| November | 21,384 | W | 101,130 | 16,891 | W | 52,583 | 38,275 | 1,152 | 153,713 |
| December | 23,739 | W | 109,036 | 19,200 | W | 55,765 | 42,939 | 1,252 | 164,801 |
| **1988 Total** | **270,532** | **12,246** | **1,257,606** | **211,115** | **3,451** | **707,210** | **481,647** | **15,697** | **1,964,816** |

See footnotes at end of table.

# Table 40. Refiner Total Motor Gasoline Volumes by Seller Type (Continued)
(Thousand Gallons)

| Geographic Area Month | Major Refiners | | | Other Refiners and Gas Plant Operators | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | |
| **Nebraska** | | | | | | | | | |
| January | W | 353 | 22,770 | W | - | 26,761 | 7,095 | 353 | 49,531 |
| February | W | W | 22,116 | W | W | 27,441 | 6,598 | 266 | 49,557 |
| March | W | W | 26,965 | W | W | 29,856 | 7,082 | 664 | 56,821 |
| April | W | W | 25,118 | W | W | 29,279 | 7,088 | 328 | 54,397 |
| May | W | W | 25,765 | W | W | 29,458 | 7,446 | 438 | 55,223 |
| June | W | W | 30,276 | W | W | 36,394 | 7,237 | W | 66,670 |
| July | W | W | 28,397 | W | W | 30,604 | 7,153 | W | 59,001 |
| August | W | W | 30,766 | W | W | 31,290 | 7,025 | 403 | 62,056 |
| September | W | W | 29,579 | W | W | 31,414 | 6,658 | 492 | 60,993 |
| October | W | W | 27,464 | W | W | 34,047 | 7,120 | W | 61,511 |
| November | W | W | 25,866 | W | W | 29,080 | 6,964 | 572 | 54,946 |
| December | W | W | 25,463 | W | W | 29,682 | 7,372 | 393 | 55,145 |
| **1988 Total** | W | W | **320,545** | W | W | **365,306** | **84,838** | **6,033** | **685,851** |
| **North Dakota** | | | | | | | | | |
| January | 507 | 188 | 11,760 | W | - | 12,337 | W | 188 | 24,097 |
| February | 475 | 150 | 10,769 | W | - | 13,600 | W | 150 | 24,369 |
| March | 468 | 229 | 12,979 | W | - | 13,949 | W | 229 | 26,928 |
| April | 463 | 241 | 12,668 | W | - | 14,103 | W | 241 | 26,771 |
| May | 483 | 378 | 13,291 | W | - | 12,068 | W | 378 | 25,359 |
| June | 450 | 363 | 15,791 | W | - | 15,215 | W | 363 | 31,006 |
| July | 508 | 388 | 15,881 | W | - | 16,276 | W | 388 | 32,157 |
| August | 495 | 417 | 14,608 | W | - | 13,495 | W | 417 | 28,103 |
| September | 466 | 328 | 13,367 | W | - | 13,738 | W | 328 | 27,105 |
| October | W | 316 | 14,059 | W | - | 13,696 | 635 | 316 | 27,755 |
| November | W | 441 | 13,089 | W | - | 12,953 | 587 | 441 | 26,042 |
| December | W | 463 | 11,912 | W | - | 13,235 | 639 | 463 | 25,147 |
| **1988 Total** | **6,004** | **3,902** | **160,174** | **681** | - | **164,665** | **6,685** | **3,902** | **324,839** |
| **Ohio** | | | | | | | | | |
| January | W | W | 187,412 | W | W | 19,579 | 178,206 | 8,626 | 206,991 |
| February | W | W | 173,179 | W | W | 14,821 | 173,141 | 8,827 | 188,000 |
| March | W | W | 178,442 | W | W | 16,018 | 184,293 | 10,086 | 194,460 |
| April | W | W | 179,627 | W | W | 13,770 | 182,233 | 8,805 | 193,397 |
| May | W | W | 193,895 | W | W | 17,310 | 190,897 | 10,254 | 211,205 |
| June | W | W | 215,884 | W | W | 19,445 | 190,755 | 10,065 | 235,329 |
| July | W | W | 196,435 | W | W | 19,584 | 194,370 | 7,705 | 216,019 |
| August | W | W | 216,815 | W | W | 18,334 | 194,993 | 9,384 | 235,149 |
| September | W | W | 198,625 | W | W | 15,156 | 180,467 | 9,780 | 213,781 |
| October | W | W | 196,513 | W | W | 20,037 | 188,660 | 8,951 | 216,550 |
| November | W | W | 188,122 | W | W | 16,961 | 178,121 | 9,740 | 205,083 |
| December | W | W | 219,671 | W | W | 20,850 | 199,724 | 9,470 | 240,521 |
| **1988 Total** | W | W | **2,344,620** | W | W | **211,865** | **2,235,860** | **111,693** | **2,556,485** |
| **Oklahoma** | | | | | | | | | |
| January | 17,896 | 1,902 | 73,258 | 7,039 | 137 | 53,750 | 24,935 | 2,039 | 127,008 |
| February | 16,491 | 2,282 | 70,285 | 7,279 | 153 | 50,098 | 23,770 | 2,435 | 120,383 |
| March | 18,387 | W | 90,798 | 8,160 | W | 61,009 | 26,547 | 4,293 | 151,807 |
| April | 17,874 | 5,832 | 82,654 | 7,853 | 104 | 61,816 | 25,727 | 5,936 | 144,470 |
| May | 18,655 | 3,155 | 87,258 | 7,666 | 194 | 64,521 | 26,321 | 3,349 | 151,779 |
| June | 18,331 | 2,697 | 92,334 | 7,620 | 218 | 62,372 | 25,951 | 2,915 | 154,706 |
| July | 18,061 | 4,465 | 81,908 | 7,663 | 416 | 66,028 | 25,724 | 4,881 | 147,936 |
| August | 18,477 | 2,491 | 90,292 | 7,455 | 1,427 | 70,512 | 25,932 | 3,918 | 160,804 |
| September | 17,039 | 2,534 | 90,643 | 7,229 | 769 | 55,122 | 24,268 | 3,303 | 145,765 |
| October | 17,551 | 2,628 | 90,139 | 7,244 | 397 | 65,016 | 24,795 | 3,025 | 155,155 |
| November | 17,253 | 2,632 | 96,075 | 7,060 | 376 | 61,991 | 24,313 | 3,008 | 158,066 |
| December | 18,614 | 2,420 | 89,426 | 7,657 | 309 | 64,642 | 26,271 | 2,729 | 154,068 |
| **1988 Total** | **214,629** | W | **1,035,070** | **89,925** | W | **736,877** | **304,554** | **41,831** | **1,771,947** |

See footnotes at end of table.

# Table 40. Refiner Total Motor Gasoline Volumes by Seller Type (Continued)
(Thousand Gallons)

| Geographic Area Month | Major Refiners | | | Other Refiners and Gas Plant Operators | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | |
| **South Dakota** | | | | | | | | | |
| January | W | W | 11,431 | W | W | 14,077 | W | 130 | 25,508 |
| February | W | W | 11,321 | W | W | 14,490 | W | 96 | 25,811 |
| March | W | W | 14,786 | W | W | 17,971 | W | 180 | 32,757 |
| April | W | W | 12,881 | W | W | 14,465 | W | 154 | 27,346 |
| May | W | W | 13,637 | W | W | 13,751 | W | 163 | 27,388 |
| June | W | W | 17,959 | W | W | 18,464 | W | 249 | 36,423 |
| July | W | W | 16,774 | W | W | 19,102 | W | 276 | 35,876 |
| August | W | W | 18,280 | W | W | 15,045 | W | 338 | 33,325 |
| September | W | W | 15,260 | W | W | 13,742 | W | 317 | 29,002 |
| October | W | W | 14,776 | W | W | 15,881 | 607 | 563 | 30,657 |
| November | W | W | 14,925 | W | W | 14,047 | 585 | 641 | 28,972 |
| December | W | 353 | 13,116 | W | - | 13,976 | 574 | 353 | 27,092 |
| **1988 Total** | W | W | **175,146** | W | W | **185,011** | **7,470** | **3,460** | **360,157** |
| **Tennessee** | | | | | | | | | |
| January | 30,949 | W | 126,337 | 13,749 | W | 29,544 | 44,698 | 1,533 | 155,881 |
| February | 30,842 | 820 | 128,709 | 15,110 | 685 | 30,751 | 45,952 | 1,505 | 159,460 |
| March | 34,395 | 1,145 | 150,181 | 17,075 | 812 | 42,427 | 51,470 | 1,957 | 192,608 |
| April | 33,672 | W | 149,222 | 16,389 | W | 38,018 | 50,061 | 1,475 | 187,240 |
| May | 34,112 | W | 155,388 | 16,338 | W | 40,100 | 50,450 | 1,308 | 195,488 |
| June | 34,184 | W | 160,050 | 16,913 | W | 38,835 | 51,097 | 1,416 | 198,885 |
| July | 34,711 | 934 | 153,632 | 17,178 | 410 | 38,187 | 51,889 | 1,344 | 191,819 |
| August | 35,069 | W | 162,789 | 16,626 | W | 44,676 | 51,695 | 1,366 | 207,465 |
| September | 32,136 | W | 150,986 | 16,467 | W | 36,054 | 48,603 | 1,266 | 187,040 |
| October | 33,316 | W | 152,751 | 16,118 | W | 41,219 | 49,434 | 1,334 | 193,970 |
| November | 31,186 | W | 142,788 | 15,460 | W | 45,510 | 46,646 | 1,262 | 188,298 |
| December | 33,856 | W | 153,149 | 15,497 | W | 43,798 | 49,353 | 1,432 | 196,947 |
| **1988 Total** | **398,428** | **12,029** | **1,785,982** | **192,920** | **5,169** | **469,119** | **591,348** | **17,198** | **2,255,101** |
| **Wisconsin** | | | | | | | | | |
| January | W | W | 86,789 | W | W | 39,241 | 27,659 | 356 | 126,030 |
| February | W | W | 75,819 | W | W | 40,414 | 25,609 | 477 | 116,233 |
| March | W | 386 | 82,464 | W | W | 42,957 | 27,416 | W | 125,421 |
| April | W | W | 81,763 | W | W | 39,776 | 27,100 | 514 | 121,539 |
| May | W | W | 94,033 | W | W | 43,468 | 28,754 | 542 | 137,501 |
| June | W | W | 102,521 | W | W | 50,598 | 28,705 | 637 | 153,119 |
| July | W | 386 | 105,477 | W | W | 46,638 | 29,559 | W | 152,115 |
| August | W | W | 98,355 | W | W | 48,499 | 29,757 | 715 | 146,854 |
| September | W | W | 92,400 | W | W | 46,569 | 28,024 | 556 | 138,969 |
| October | W | 422 | 102,587 | W | W | 46,256 | 29,641 | W | 148,843 |
| November | W | W | 84,902 | W | W | 44,812 | 28,096 | 638 | 129,714 |
| December | W | W | 92,348 | W | W | 48,511 | 32,323 | 578 | 140,859 |
| **1988 Total** | W | W | **1,099,458** | W | W | **537,739** | **342,643** | **6,748** | **1,637,197** |
| **PAD District III Total** | | | | | | | | | |
| January | 204,323 | W | 767,116 | 85,554 | W | 557,259 | 289,877 | 13,763 | 1,324,375 |
| February | 193,855 | W | 815,595 | 81,844 | W | 562,788 | 275,699 | 15,429 | 1,378,383 |
| March | 217,916 | W | 968,069 | 87,325 | W | 623,325 | 305,241 | 21,709 | 1,591,394 |
| April | 203,760 | W | 928,054 | 93,759 | W | 588,349 | 297,519 | 27,621 | 1,516,403 |
| May | 216,724 | W | 985,589 | 84,343 | W | 572,726 | 301,067 | 22,294 | 1,558,315 |
| June | 210,659 | W | 1,032,265 | 87,240 | W | 667,849 | 297,899 | 17,043 | 1,700,114 |
| July | 215,559 | W | 945,909 | 92,930 | W | 600,364 | 308,489 | 19,664 | 1,546,273 |
| August | 217,047 | W | 960,465 | 82,056 | W | 611,349 | 299,103 | 14,927 | 1,571,814 |
| September | 199,031 | W | 845,459 | 82,204 | W | 575,158 | 281,235 | 17,105 | 1,420,617 |
| October | 200,115 | W | 833,271 | 77,276 | W | 624,992 | 277,391 | 20,883 | 1,458,263 |
| November | 193,962 | W | 816,066 | 69,132 | W | 626,485 | 263,094 | 13,590 | 1,442,551 |
| December | 205,609 | W | 882,522 | 79,747 | W | 683,712 | 285,356 | 14,749 | 1,566,234 |
| **1988 Total** | **2,478,560** | **125,201** | **10,780,380** | **1,003,410** | **93,577** | **7,294,356** | **3,481,970** | **218,778** | **18,074,736** |

See footnotes at end of table.

# Table 40. Refiner Total Motor Gasoline Volumes by Seller Type (Continued)
(Thousand Gallons)

| Geographic Area Month | Major Refiners | | | Other Refiners and Gas Plant Operators | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | |
| **Alabama** | | | | | | | | | |
| January | 12,102 | W | 98,991 | 7,289 | W | 27,533 | 19,391 | 495 | 126,524 |
| February | 11,981 | W | 98,502 | 8,019 | W | 35,623 | 20,000 | 607 | 134,125 |
| March | 13,322 | W | 106,469 | 8,907 | W | 41,269 | 22,229 | 609 | 147,738 |
| April | 12,562 | 556 | 106,501 | 8,438 | 100 | 43,836 | 21,000 | 656 | 150,337 |
| May | 12,961 | W | 113,525 | 8,507 | W | 52,971 | 21,468 | 640 | 166,496 |
| June | 13,041 | 673 | 115,407 | 8,713 | 125 | 56,759 | 21,754 | 798 | 172,166 |
| July | 13,297 | W | 104,839 | 7,628 | W | 67,709 | 20,925 | 704 | 172,548 |
| August | 12,891 | W | 116,443 | 7,468 | W | 50,056 | 20,359 | 836 | 166,499 |
| September | 11,927 | 827 | 108,317 | 7,406 | 84 | 52,844 | 19,333 | 911 | 161,161 |
| October | 12,471 | 597 | 107,253 | 7,102 | 95 | 56,401 | 19,573 | 692 | 163,654 |
| November | 12,266 | 627 | 105,452 | 6,954 | 73 | 66,741 | 19,220 | 700 | 172,193 |
| December | 13,284 | 571 | 115,398 | 6,810 | 85 | 86,630 | 20,094 | 656 | 202,028 |
| **1988 Total** | **152,105** | **7,336** | **1,297,097** | **93,241** | **968** | **638,372** | **245,346** | **8,304** | **1,935,469** |
| **Arkansas** | | | | | | | | | |
| January | W | W | 52,074 | W | W | 32,436 | 5,651 | 213 | 84,510 |
| February | W | W | 54,073 | W | W | 34,651 | 5,825 | 460 | 88,724 |
| March | W | 227 | 60,844 | W | 336 | 38,308 | 6,737 | 563 | 99,152 |
| April | W | 324 | 64,322 | W | W | 34,532 | 6,263 | W | 98,854 |
| May | W | 383 | 63,885 | W | W | 38,517 | 6,507 | W | 102,402 |
| June | W | W | 65,781 | W | W | 44,867 | 6,392 | 513 | 110,648 |
| July | W | W | 64,124 | W | W | 36,657 | 7,027 | 476 | 100,781 |
| August | W | 309 | 61,496 | W | 221 | 40,454 | 6,741 | 530 | 101,950 |
| September | W | W | 57,765 | W | W | 39,129 | 5,973 | 374 | 96,894 |
| October | W | 296 | 61,358 | W | 206 | 40,797 | 6,207 | 502 | 102,155 |
| November | W | W | 56,447 | W | W | 43,490 | 6,024 | 392 | 99,937 |
| December | W | 229 | 57,315 | W | 163 | 42,023 | 6,437 | 392 | 99,338 |
| **1988 Total** | W | **2,997** | **719,484** | W | **2,491** | **465,861** | **75,784** | **5,488** | **1,185,345** |
| **Louisiana** | | | | | | | | | |
| January | 29,603 | 392 | 81,595 | 12,811 | 94 | 50,472 | 42,414 | 486 | 132,067 |
| February | 28,092 | 380 | 100,623 | 12,689 | 294 | 55,181 | 40,781 | 674 | 155,804 |
| March | 32,671 | W | 115,065 | 13,479 | W | 65,609 | 46,150 | 4,845 | 180,674 |
| April | 27,285 | 619 | 109,687 | 12,294 | 216 | 44,160 | 39,579 | 835 | 153,847 |
| May | 29,698 | 626 | 123,712 | 11,834 | 206 | 73,145 | 41,532 | 832 | 196,857 |
| June | 27,653 | 655 | 127,481 | 12,576 | 257 | 81,020 | 40,229 | 912 | 208,501 |
| July | 27,877 | 517 | 119,891 | 12,245 | 1,295 | 64,613 | 40,122 | 1,812 | 184,504 |
| August | 27,764 | 491 | 123,669 | 11,617 | 2,386 | 61,281 | 39,381 | 2,877 | 184,950 |
| September | 25,251 | 503 | 106,794 | 11,972 | 1,367 | 52,056 | 37,223 | 1,870 | 158,850 |
| October | 25,784 | 602 | 103,279 | 6,337 | 1,277 | 55,405 | 32,121 | 1,879 | 158,684 |
| November | 25,108 | 805 | 101,368 | 5,880 | 1,241 | 57,164 | 30,988 | 2,046 | 158,532 |
| December | 26,478 | W | 124,782 | 5,712 | W | 58,480 | 32,190 | 1,067 | 183,262 |
| **1988 Total** | **333,264** | **6,867** | **1,337,946** | **129,446** | **13,268** | **718,586** | **462,710** | **20,135** | **2,056,532** |
| **Mississippi** | | | | | | | | | |
| January | 4,845 | W | 75,681 | 4,756 | W | 29,101 | 9,601 | 1,321 | 104,782 |
| February | 4,674 | W | 92,897 | 5,088 | W | 20,239 | 9,762 | 2,465 | 113,136 |
| March | 5,326 | W | 97,744 | 5,223 | W | 36,664 | 10,549 | 8,848 | 134,408 |
| April | 5,263 | W | 95,617 | 5,412 | W | 34,331 | 10,675 | W | 129,948 |
| May | 5,592 | W | 97,739 | 5,283 | W | 30,518 | 10,875 | W | 128,257 |
| June | 5,538 | W | 100,599 | 5,583 | W | 29,076 | 11,121 | 9,911 | 129,675 |
| July | 5,875 | 3,535 | 81,214 | 5,356 | 68 | 30,289 | 11,231 | 3,603 | 111,503 |
| August | 5,539 | W | 78,120 | 5,226 | W | 28,611 | 10,765 | 534 | 106,731 |
| September | 4,915 | W | 75,311 | 5,127 | W | 24,044 | 10,042 | 5,697 | 99,355 |
| October | W | W | 71,653 | W | W | 24,676 | 6,764 | 603 | 96,329 |
| November | W | W | 76,151 | W | W | 34,062 | 6,679 | 627 | 110,213 |
| December | 5,483 | W | 112,264 | 1,638 | W | 42,684 | 7,121 | 3,820 | 154,948 |
| **1988 Total** | **63,092** | **53,493** | **1,054,990** | **52,093** | **8,029** | **364,295** | **115,185** | **61,522** | **1,419,285** |

See footnotes at end of table.

# Table 40. Refiner Total Motor Gasoline Volumes by Seller Type (Continued)
(Thousand Gallons)

| Geographic Area Month | Major Refiners | | | Other Refiners and Gas Plant Operators | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | |
| **New Mexico** | | | | | | | | | |
| January | W | W | 25,101 | W | W | 28,201 | 6,518 | 189 | 53,302 |
| February | W | W | 25,490 | W | W | 28,015 | 6,435 | 149 | 53,505 |
| March | W | W | 29,661 | W | W | 30,371 | 7,129 | 227 | 60,032 |
| April | W | W | 29,585 | W | W | 27,410 | 6,986 | 191 | 56,995 |
| May | W | W | 28,612 | W | W | 30,459 | 7,208 | 167 | 59,071 |
| June | W | W | 30,520 | W | W | 29,345 | 7,201 | 209 | 59,865 |
| July | W | W | 28,742 | W | W | 32,510 | 7,537 | 175 | 61,252 |
| August | W | W | 31,401 | W | W | 35,016 | 7,105 | 255 | 66,417 |
| September | W | W | 26,455 | W | W | 30,295 | 6,574 | 249 | 56,750 |
| October | 4,052 | W | 28,488 | 2,971 | W | 32,501 | 7,023 | 351 | 60,989 |
| November | 3,958 | W | 26,976 | 3,065 | W | 30,123 | 7,023 | 358 | 57,099 |
| December | W | 288 | 27,280 | W | 82 | 29,743 | 7,101 | 370 | 57,023 |
| **1988 Total** | W | **2,041** | **338,311** | W | **849** | **363,989** | **83,840** | **2,890** | **702,300** |
| **Texas** | | | | | | | | | |
| January | 150,501 | 9,074 | 433,674 | 55,801 | 1,986 | 389,516 | 206,302 | 11,060 | 823,190 |
| February | 141,826 | 2,727 | 444,010 | 51,070 | 8,347 | 389,079 | 192,896 | 11,074 | 833,089 |
| March | 158,367 | 3,474 | 558,286 | 54,080 | 3,143 | 411,104 | 212,447 | 6,617 | 969,390 |
| April | 151,057 | 2,984 | 522,342 | 61,959 | 13,520 | 404,080 | 213,016 | 16,504 | 926,422 |
| May | 160,352 | 2,899 | 558,116 | 53,125 | 2,025 | 347,116 | 213,477 | 4,924 | 905,232 |
| June | 156,331 | 2,776 | 592,477 | 54,871 | 1,924 | 426,782 | 211,202 | 4,700 | 1,019,259 |
| July | 159,881 | 3,588 | 547,099 | 61,766 | 9,306 | 368,586 | 221,647 | 12,894 | 915,685 |
| August | 162,661 | 8,021 | 549,336 | 52,091 | 1,874 | 395,931 | 214,752 | 9,895 | 945,267 |
| September | 149,535 | 2,847 | 470,817 | 52,555 | 5,157 | 376,790 | 202,090 | 8,004 | 847,607 |
| October | 149,308 | 6,498 | 461,240 | 56,395 | 10,358 | 415,212 | 205,703 | 16,856 | 876,452 |
| November | 144,169 | 3,340 | 449,672 | 48,991 | 6,127 | 394,905 | 193,160 | 9,467 | 844,577 |
| December | 152,420 | 4,239 | 445,483 | 59,993 | 4,205 | 424,152 | 212,413 | 8,444 | 869,635 |
| **1988 Total** | **1,836,408** | **52,467** | **6,032,552** | **662,697** | **67,972** | **4,743,253** | **2,499,105** | **120,439** | **10,775,805** |
| **PAD District IV Total** | | | | | | | | | |
| January | 33,435 | W | 107,390 | 21,126 | W | 92,327 | 54,561 | 1,815 | 199,717 |
| February | 32,443 | W | 108,103 | 19,887 | W | 92,780 | 52,330 | 1,755 | 200,883 |
| March | 35,486 | W | 133,543 | 21,075 | W | 108,554 | 56,561 | 2,102 | 242,097 |
| April | 34,525 | W | 125,064 | 21,310 | W | 98,717 | 55,835 | 2,347 | 223,781 |
| May | 36,213 | W | 129,510 | 20,780 | W | 114,607 | 56,993 | 2,786 | 244,117 |
| June | 36,249 | W | 152,969 | 21,301 | W | 120,115 | 57,550 | 2,678 | 273,084 |
| July | 38,129 | W | 162,122 | 23,049 | W | 127,490 | 61,178 | 2,486 | 289,612 |
| August | 38,365 | W | 160,199 | 21,665 | W | 125,126 | 60,030 | 2,365 | 285,325 |
| September | 35,699 | W | 131,916 | 20,564 | W | 110,235 | 56,263 | 2,808 | 242,151 |
| October | 37,160 | W | 123,571 | 21,370 | W | 109,902 | 58,530 | 2,386 | 233,473 |
| November | 35,907 | W | 117,969 | 20,069 | W | 107,658 | 55,976 | 3,128 | 225,627 |
| December | 38,286 | W | 119,749 | 22,086 | W | 105,127 | 60,372 | 2,696 | 224,876 |
| **1988 Total** | **431,897** | **22,586** | **1,572,105** | **254,282** | **6,766** | **1,312,638** | **686,179** | **29,352** | **2,884,743** |
| **Colorado** | | | | | | | | | |
| January | 20,300 | W | 44,831 | 19,150 | W | 34,481 | 39,450 | 533 | 79,312 |
| February | 19,801 | W | 43,092 | 17,922 | W | 33,891 | 37,723 | 541 | 76,983 |
| March | 21,706 | W | 51,331 | 18,847 | W | 41,012 | 40,553 | 553 | 92,343 |
| April | 20,861 | W | 48,065 | 19,084 | W | 37,847 | 39,945 | 1,039 | 85,912 |
| May | 22,054 | W | 47,282 | 18,448 | W | 44,162 | 40,502 | 1,631 | 91,444 |
| June | 21,730 | W | 55,287 | 18,958 | W | 43,909 | 40,688 | 1,499 | 99,196 |
| July | 23,035 | 1,412 | 55,235 | 20,449 | - | 48,466 | 43,484 | 1,412 | 103,701 |
| August | 23,849 | W | 55,177 | 19,129 | W | 49,617 | 42,978 | 1,240 | 104,794 |
| September | 22,205 | W | 49,276 | 18,383 | W | 39,244 | 40,588 | 1,550 | 88,520 |
| October | 22,877 | W | 44,602 | 19,258 | W | 40,130 | 42,135 | 1,319 | 84,732 |
| November | 22,228 | W | 44,171 | 18,028 | W | 40,039 | 40,256 | 1,337 | 84,210 |
| December | 23,494 | W | 47,581 | 19,966 | W | 38,607 | 43,460 | 1,408 | 86,188 |
| **1988 Total** | **264,140** | W | **585,930** | **227,622** | W | **491,405** | **491,762** | **14,062** | **1,077,335** |

See footnotes at end of table.

# Table 40. Refiner Total Motor Gasoline Volumes by Seller Type (Continued)
(Thousand Gallons)

| Geographic Area Month | Major Refiners | | | Other Refiners and Gas Plant Operators | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | |
| **Idaho** | | | | | | | | | |
| January | W | 210 | 14,419 | W | - | 12,290 | 1,305 | 210 | 26,709 |
| February | W | 165 | 15,430 | W | - | 13,420 | 1,305 | 165 | 28,850 |
| March | W | 272 | 22,354 | W | - | 17,207 | 1,459 | 272 | 39,561 |
| April | W | 199 | 17,796 | W | - | 12,577 | 1,459 | 199 | 30,373 |
| May | W | 162 | 19,390 | W | - | 15,567 | 1,529 | 162 | 34,957 |
| June | W | 193 | 22,998 | W | - | 15,472 | 1,457 | 193 | 38,470 |
| July | W | 132 | 25,426 | 443 | - | 15,469 | W | 132 | 40,895 |
| August | W | 120 | 26,013 | 413 | - | 16,270 | W | 120 | 42,283 |
| September | W | 172 | 21,208 | W | - | 15,152 | 1,321 | 172 | 36,360 |
| October | W | 127 | 20,910 | W | - | 13,630 | 1,328 | 127 | 34,540 |
| November | W | 136 | 18,432 | W | - | 13,636 | 1,222 | 136 | 32,068 |
| December | W | 160 | 18,115 | W | - | 13,644 | 1,258 | 160 | 31,759 |
| **1988 Total** | W | **2,048** | **242,491** | W | - | **174,334** | **16,625** | **2,048** | **416,825** |
| **Montana** | | | | | | | | | |
| January | W | W | 17,398 | W | W | 12,121 | W | 42 | 29,519 |
| February | W | W | 18,231 | W | - | 11,436 | W | W | 29,667 |
| March | W | W | 20,528 | W | W | 13,170 | W | 55 | 33,698 |
| April | W | 78 | 20,126 | W | - | 12,817 | W | 78 | 32,943 |
| May | W | W | 21,904 | W | W | 13,522 | W | 72 | 35,426 |
| June | W | W | 24,187 | W | W | 17,504 | W | 108 | 41,691 |
| July | W | W | 27,557 | W | W | 19,036 | W | 123 | 46,593 |
| August | W | W | 26,589 | W | W | 17,805 | W | 138 | 44,394 |
| September | W | W | 20,996 | W | W | 14,667 | W | W | 35,663 |
| October | W | W | 19,380 | W | W | 16,211 | W | 115 | 35,591 |
| November | W | 145 | 20,318 | W | - | 14,536 | W | 145 | 34,854 |
| December | W | W | 18,661 | W | W | 13,893 | W | 134 | 32,554 |
| **1988 Total** | W | W | **255,875** | W | W | **176,718** | **34,004** | **1,198** | **432,593** |
| **Utah** | | | | | | | | | |
| January | W | W | 22,637 | W | W | 23,513 | 11,059 | 788 | 46,150 |
| February | W | W | 23,345 | W | W | 24,242 | 10,751 | 737 | 47,587 |
| March | W | W | 30,045 | W | W | 26,673 | 11,619 | 942 | 56,718 |
| April | W | W | 29,458 | W | W | 24,622 | 11,322 | 749 | 54,080 |
| May | W | W | 30,195 | W | W | 29,143 | 11,416 | 709 | 59,338 |
| June | W | W | 36,202 | W | W | 28,319 | 11,669 | 623 | 64,521 |
| July | W | W | 39,323 | W | W | 29,211 | 12,105 | 566 | 68,534 |
| August | W | W | 38,624 | W | W | 27,045 | 11,757 | 623 | 65,669 |
| September | W | W | 29,111 | W | W | 26,853 | 10,966 | 649 | 55,964 |
| October | W | W | 28,632 | W | W | 27,054 | 11,514 | 624 | 55,686 |
| November | W | W | 26,285 | W | W | 24,647 | 11,104 | 1,288 | 50,932 |
| December | W | W | 26,911 | W | W | 25,588 | 12,263 | 717 | 52,499 |
| **1988 Total** | **125,427** | **3,407** | **360,768** | **12,118** | **5,608** | **316,910** | **137,545** | **9,015** | **677,678** |
| **Wyoming** | | | | | | | | | |
| January | W | W | 8,105 | 360 | W | 9,922 | W | 242 | 18,027 |
| February | W | 141 | 8,005 | 352 | W | 9,791 | W | W | 17,796 |
| March | W | W | 9,285 | 393 | W | 10,492 | W | 280 | 19,777 |
| April | W | W | 9,619 | 384 | W | 10,854 | W | 282 | 20,473 |
| May | W | W | 10,739 | 456 | W | 12,213 | W | 212 | 22,952 |
| June | W | W | 14,295 | 436 | W | 14,911 | W | 255 | 29,206 |
| July | W | W | 14,581 | W | W | 15,308 | 671 | 253 | 29,889 |
| August | W | W | 13,796 | W | W | 14,389 | 647 | 244 | 28,185 |
| September | W | 227 | 11,325 | 406 | W | 14,319 | W | W | 25,644 |
| October | W | W | 10,047 | 386 | W | 12,877 | W | 201 | 22,924 |
| November | W | W | 8,763 | 387 | W | 14,800 | W | 222 | 23,563 |
| December | W | W | 8,481 | 391 | W | 13,395 | W | 277 | 21,876 |
| **1988 Total** | W | W | **127,041** | W | W | **153,271** | **6,243** | **3,029** | **280,312** |

See footnotes at end of table.

# Table 40. Refiner Total Motor Gasoline Volumes by Seller Type (Continued)
(Thousand Gallons)

| Geographic Area Month | Major Refiners | | | Other Refiners and Gas Plant Operators | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | |
| **PAD District V Total** | | | | | | | | | |
| January | 162,017 | 25,337 | 1,164,319 | 60,402 | 20,881 | 162,631 | 222,419 | 46,218 | 1,326,950 |
| February | 161,698 | 28,852 | 1,146,950 | 57,798 | 18,800 | 154,716 | 219,496 | 47,652 | 1,301,666 |
| March | 183,569 | 26,187 | 1,239,174 | 61,181 | 21,158 | 171,706 | 244,750 | 47,345 | 1,410,880 |
| April | 165,580 | 19,502 | 1,167,467 | 56,833 | 21,243 | 182,338 | 222,413 | 40,745 | 1,349,805 |
| May | 169,224 | 19,096 | 1,223,587 | 54,662 | 14,111 | 197,960 | 223,886 | 33,207 | 1,421,547 |
| June | 179,895 | 18,426 | 1,222,593 | 53,434 | 15,355 | 203,818 | 233,329 | 33,781 | 1,426,411 |
| July | 172,140 | 14,712 | 1,268,788 | 59,799 | 20,867 | 209,394 | 231,939 | 35,579 | 1,478,182 |
| August | 178,775 | 16,121 | 1,319,368 | 62,387 | 22,554 | 187,113 | 241,162 | 38,675 | 1,506,481 |
| September | 184,374 | 13,484 | 1,206,314 | 59,631 | 21,146 | 181,936 | 244,005 | 34,630 | 1,388,250 |
| October | 175,718 | 13,020 | 1,217,945 | 58,753 | 23,331 | 174,003 | 234,471 | 36,351 | 1,391,948 |
| November | 172,508 | 13,183 | 1,185,035 | 60,720 | 21,901 | 174,227 | 233,228 | 35,084 | 1,359,262 |
| December | 193,660 | 14,030 | 1,210,672 | 62,725 | 22,785 | 178,128 | 256,385 | 36,815 | 1,388,800 |
| **1988 Total** | **2,099,158** | **221,949** | **14,572,212** | **708,324** | **244,132** | **2,177,970** | **2,807,482** | **466,081** | **16,750,182** |
| **Alaska** | | | | | | | | | |
| January | W | W | W | 1,103 | W | W | W | 323 | 12,802 |
| February | W | W | W | 312 | W | W | W | 314 | 18,235 |
| March | W | W | W | 301 | W | W | W | 427 | 14,396 |
| April | W | W | W | 351 | W | W | W | 375 | 14,157 |
| May | W | W | W | 433 | W | W | W | 403 | 16,808 |
| June | W | W | W | 889 | W | W | W | 1,348 | 18,390 |
| July | W | W | W | 752 | W | W | W | 282 | 23,250 |
| August | W | W | W | 438 | W | W | W | 338 | 22,884 |
| September | W | W | W | 791 | W | W | W | 778 | 15,869 |
| October | W | W | W | 889 | W | W | W | 1,312 | 14,509 |
| November | W | W | W | 357 | W | W | W | 566 | 13,182 |
| December | W | W | W | 365 | W | W | W | W | 13,439 |
| **1988 Total** | W | W | W | **6,980** | W | W | W | W | **197,921** |
| **Arizona** | | | | | | | | | |
| January | W | W | 93,533 | W | W | 15,023 | 22,429 | 1,401 | 108,556 |
| February | W | W | 90,540 | W | W | 15,471 | 22,317 | 1,560 | 106,011 |
| March | W | W | 103,851 | W | W | 17,417 | 24,571 | 1,669 | 121,268 |
| April | W | W | 98,650 | W | W | 14,780 | 21,728 | 1,588 | 113,430 |
| May | W | W | 101,657 | W | W | 15,760 | 21,719 | 1,537 | 117,417 |
| June | W | W | 96,781 | W | W | 15,486 | 22,833 | 1,481 | 112,267 |
| July | W | W | 101,781 | W | W | 15,934 | 21,034 | 1,338 | 117,715 |
| August | W | W | 105,607 | W | W | 16,310 | 21,843 | 1,768 | 121,917 |
| September | W | W | 92,629 | W | W | 14,857 | 23,182 | 1,264 | 107,486 |
| October | W | W | 91,663 | W | W | 16,748 | 22,873 | 982 | 108,411 |
| November | W | W | 92,042 | W | W | 16,643 | 23,232 | 868 | 108,685 |
| December | W | W | 97,443 | W | W | 15,753 | 25,499 | 968 | 113,196 |
| **1988 Total** | W | W | **1,166,177** | W | W | **190,182** | **273,260** | **16,424** | **1,356,359** |
| **California** | | | | | | | | | |
| January | 100,779 | 19,824 | 826,546 | 46,789 | 18,174 | 116,137 | 147,568 | 37,998 | 942,683 |
| February | 101,091 | W | 803,912 | 44,911 | W | 97,217 | 146,002 | 39,234 | 901,129 |
| March | 114,589 | W | 841,331 | 46,852 | W | 114,231 | 161,441 | 37,907 | 955,562 |
| April | 103,768 | 13,333 | 786,040 | 42,050 | 18,383 | 126,854 | 145,818 | 31,716 | 912,894 |
| May | 106,837 | W | 819,855 | 39,290 | W | 139,179 | 146,127 | 24,130 | 959,034 |
| June | 113,255 | 12,670 | 806,978 | 37,900 | 11,493 | 146,750 | 151,155 | 24,163 | 953,728 |
| July | 108,979 | W | 834,355 | 43,576 | W | 148,109 | 152,555 | 27,338 | 982,464 |
| August | 113,478 | W | 866,917 | 46,234 | W | 126,040 | 159,712 | 29,706 | 992,957 |
| September | 116,005 | W | 814,110 | 44,368 | W | 124,780 | 160,373 | 26,557 | 938,890 |
| October | 110,778 | W | 834,110 | 43,073 | W | 116,711 | 153,851 | 27,583 | 950,821 |
| November | 108,403 | W | 820,618 | 45,975 | W | 117,717 | 154,378 | 27,667 | 938,335 |
| December | 121,419 | W | 823,686 | 48,081 | W | 125,034 | 169,500 | 28,945 | 948,720 |
| **1988 Total** | **1,319,381** | **160,829** | **9,878,458** | **529,099** | **202,115** | **1,498,759** | **1,848,480** | **362,944** | **11,377,217** |

See footnotes at end of table.

# Table 40. Refiner Total Motor Gasoline Volumes by Seller Type (Continued)
(Thousand Gallons)

| Geographic Area Month | Major Refiners | | | Other Refiners and Gas Plant Operators | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale | Sales to End Users | | Sales for Resale |
| | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | | Through Company Outlets[a] | Other End Users | |
| **Hawaii** | | | | | | | | | |
| January | W | W | W | W | W | W | W | 2,835 | 21,466 |
| February | W | W | W | W | W | W | W | 2,945 | 22,151 |
| March | W | W | W | W | W | W | W | 3,149 | 23,674 |
| April | W | W | W | W | W | W | W | 3,188 | 21,950 |
| May | W | W | W | W | W | W | W | 3,356 | 23,219 |
| June | W | W | W | W | W | W | W | 3,315 | 22,323 |
| July | W | W | W | W | W | W | W | 3,415 | 22,789 |
| August | W | W | W | W | W | W | W | 3,288 | 24,146 |
| September | W | W | W | W | W | W | W | 2,669 | 22,854 |
| October | W | W | W | W | W | W | W | 3,262 | 22,652 |
| November | W | W | W | W | W | W | W | 3,079 | 21,680 |
| December | W | W | W | W | W | W | W | 3,277 | 23,153 |
| **1988 Total** | W | W | W | W | W | W | W | **37,778** | **272,057** |
| **Nevada** | | | | | | | | | |
| January | W | W | 33,208 | W | W | 4,615 | 9,140 | 809 | 37,823 |
| February | W | W | 31,199 | W | W | 5,405 | 8,936 | 776 | 36,604 |
| March | W | 463 | 36,787 | W | 352 | 5,123 | 10,183 | 815 | 41,910 |
| April | W | 465 | 34,795 | W | 318 | 4,394 | 8,948 | 783 | 39,189 |
| May | W | 458 | 36,870 | W | 376 | 5,674 | 8,819 | 834 | 42,544 |
| June | W | W | 39,089 | W | W | 5,082 | 9,503 | 667 | 44,171 |
| July | W | W | 41,547 | W | W | 5,125 | 8,319 | 733 | 46,672 |
| August | W | W | 44,143 | W | W | 4,051 | 9,311 | 692 | 48,194 |
| September | W | W | 38,668 | W | W | 5,285 | 10,086 | 824 | 43,953 |
| October | W | W | 39,143 | W | W | 4,182 | 9,536 | 734 | 43,325 |
| November | W | W | 36,922 | W | W | 4,038 | 9,529 | 616 | 40,960 |
| December | W | W | 34,258 | W | W | 3,788 | 10,709 | 503 | 38,046 |
| **1988 Total** | W | W | **446,629** | W | W | **56,762** | **113,019** | **8,786** | **503,391** |
| **Oregon** | | | | | | | | | |
| January | W | W | 73,066 | W | W | 8,022 | 7,876 | 871 | 81,088 |
| February | W | W | 78,889 | W | W | 10,844 | 7,847 | 812 | 89,733 |
| March | W | W | 92,708 | W | W | 10,662 | 9,054 | 1,045 | 103,370 |
| April | W | W | 88,139 | W | W | 12,623 | 8,345 | 979 | 100,762 |
| May | W | W | 94,978 | W | W | 10,544 | 8,531 | 973 | 105,522 |
| June | W | W | 103,228 | W | W | 9,956 | 9,107 | 1,073 | 113,184 |
| July | W | W | 106,358 | W | W | 10,361 | 9,267 | 977 | 116,719 |
| August | W | W | 112,833 | W | W | 11,948 | 9,596 | 1,052 | 124,781 |
| September | W | W | 93,762 | W | W | 12,886 | 9,416 | 811 | 106,648 |
| October | W | W | 90,299 | W | W | 11,382 | 8,761 | 785 | 101,681 |
| November | W | W | 83,240 | W | W | 10,676 | 8,568 | 688 | 93,916 |
| December | W | 665 | 85,402 | W | W | 11,536 | 9,891 | W | 96,938 |
| **1988 Total** | W | **9,675** | **1,102,902** | W | W | **131,440** | **106,260** | W | **1,234,342** |
| **Washington** | | | | | | | | | |
| January | W | W | 110,663 | W | W | 11,869 | 31,499 | 1,981 | 122,532 |
| February | W | W | 114,177 | W | W | 13,626 | 31,282 | 2,011 | 127,803 |
| March | W | 1,876 | 134,059 | W | 457 | 16,641 | 36,171 | 2,333 | 150,700 |
| April | W | 1,788 | 130,589 | W | 328 | 16,834 | 34,212 | 2,116 | 147,423 |
| May | W | W | 138,243 | W | W | 18,760 | 34,981 | 1,974 | 157,003 |
| June | W | W | 144,973 | W | W | 17,375 | 36,715 | 1,734 | 162,348 |
| July | W | W | 151,600 | W | W | 16,973 | 36,627 | 1,496 | 168,573 |
| August | W | W | 154,659 | W | W | 16,943 | 36,881 | 1,831 | 171,602 |
| September | W | W | 137,193 | W | W | 15,357 | 36,914 | 1,727 | 152,550 |
| October | W | W | 132,348 | W | W | 18,201 | 35,285 | 1,693 | 150,549 |
| November | W | W | 124,158 | W | W | 18,346 | 33,822 | 1,600 | 142,504 |
| December | W | W | 139,797 | W | W | 15,511 | 36,910 | 1,613 | 155,308 |
| **1988 Total** | W | **16,764** | **1,612,459** | W | **5,345** | **196,436** | **421,299** | **22,109** | **1,808,895** |

[a] Sales through company-operated retail outlets.
Dashes (-) = No data reported.
W = Withheld to avoid disclosure of individual company data.
Note: Totals may not equal the sum of components due to rounding.
Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

# Table 41. Refiner Motor Gasoline Volumes by Grade
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | | Unleaded Regular | | Premium | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **U.S. Total** | | | | | | |
| January | 317,062 | 1,427,424 | 1,046,699 | 4,211,276 | 404,510 | 1,690,587 |
| February | 308,091 | 1,414,560 | 1,037,340 | 4,154,895 | 391,678 | 1,682,316 |
| March | 329,526 | 1,624,825 | 1,146,144 | 4,638,730 | 433,233 | 1,891,905 |
| April | 310,539 | 1,552,697 | 1,119,544 | 4,481,055 | 417,440 | 1,828,012 |
| May | 305,501 | 1,617,257 | 1,142,612 | 4,698,249 | 433,627 | 1,920,890 |
| June | 299,352 | 1,647,676 | 1,138,793 | 4,913,559 | 448,378 | 2,034,761 |
| July | 287,136 | 1,516,144 | 1,168,790 | 5,019,523 | 462,144 | 1,997,236 |
| August | 278,819 | 1,531,996 | 1,199,899 | 5,008,790 | 457,233 | 2,021,656 |
| September | 264,381 | 1,398,757 | 1,127,144 | 4,597,167 | 439,558 | 1,891,998 |
| October | 256,148 | 1,342,139 | 1,156,330 | 4,756,795 | 459,466 | 1,916,140 |
| November | 237,016 | 1,203,637 | 1,118,619 | 4,744,323 | 437,857 | 1,888,625 |
| December | 243,636 | 1,187,996 | 1,220,762 | 5,002,842 | 491,696 | 2,057,034 |
| **1988 Total** | **3,437,207** | **17,465,109** | **13,622,676** | **56,227,204** | **5,276,820** | **22,821,160** |
| **PAD District I Total** | | | | | | |
| January | 78,087 | 329,828 | 269,844 | 1,364,137 | 140,333 | 873,562 |
| February | 77,396 | 333,977 | 273,818 | 1,322,537 | 139,544 | 865,049 |
| March | 83,746 | 374,204 | 303,467 | 1,476,484 | 154,363 | 949,008 |
| April | 80,707 | 362,941 | 289,251 | 1,435,124 | 150,706 | 918,538 |
| May | 81,046 | 372,676 | 301,113 | 1,537,747 | 157,457 | 947,959 |
| June | 79,289 | 371,420 | 297,607 | 1,511,951 | 159,996 | 987,458 |
| July | 73,885 | 341,515 | 307,297 | 1,592,938 | 164,678 | 995,953 |
| August | 72,091 | 342,832 | 317,857 | 1,560,820 | 165,401 | 995,321 |
| September | 67,489 | 304,102 | 294,106 | 1,462,802 | 156,330 | 938,657 |
| October | 65,365 | 272,659 | 305,600 | 1,478,191 | 165,745 | 956,166 |
| November | 61,159 | 234,636 | 300,648 | 1,564,663 | 157,490 | 933,133 |
| December | 60,333 | 223,719 | 318,997 | 1,637,118 | 171,078 | 1,001,593 |
| **1988 Total** | **880,593** | **3,864,510** | **3,579,604** | **17,944,512** | **1,883,120** | **11,362,397** |
| **Subdistrict IA Total** | | | | | | |
| January | 3,364 | 32,227 | 14,103 | 170,615 | 7,657 | 117,204 |
| February | 2,904 | 33,420 | 13,937 | 150,161 | 7,438 | 109,767 |
| March | 2,938 | 32,794 | 15,343 | 169,643 | 8,024 | 134,503 |
| April | 2,986 | 31,547 | 14,826 | 172,887 | 7,853 | 124,307 |
| May | 3,402 | 39,044 | 15,610 | 203,422 | 8,215 | 123,051 |
| June | 3,422 | 44,570 | 15,574 | 185,288 | 8,338 | 135,692 |
| July | 3,304 | 37,620 | 20,280 | 190,982 | 8,591 | 133,403 |
| August | 3,239 | 38,600 | 16,740 | 181,732 | 8,799 | 139,478 |
| September | 2,835 | 28,595 | 15,374 | 176,452 | 8,245 | 128,519 |
| October | 2,507 | 21,473 | 17,256 | 175,075 | 9,214 | 134,985 |
| November | 2,222 | 12,139 | 16,621 | 231,156 | 8,553 | 122,580 |
| December | 1,859 | 11,094 | 18,609 | 206,089 | 9,610 | 133,261 |
| **1988 Total** | **34,982** | **363,123** | **194,273** | **2,213,502** | **100,536** | **1,536,750** |
| **Connecticut** | | | | | | |
| January | 241 | 9,209 | 883 | 41,897 | 418 | 35,405 |
| February | 190 | 8,584 | 863 | 40,974 | 421 | 35,096 |
| March | 213 | 9,413 | 894 | 44,464 | 589 | 43,352 |
| April | 235 | 9,726 | 880 | 60,898 | 516 | 41,455 |
| May | 315 | 10,909 | 1,194 | 44,813 | 611 | 38,641 |
| June | 294 | 11,460 | 993 | 47,034 | 615 | 43,481 |
| July | 274 | 10,174 | 960 | 45,232 | 555 | 40,074 |
| August | 254 | 9,966 | 950 | 48,536 | 513 | 42,067 |
| September | 250 | 7,516 | 895 | 46,747 | 479 | 39,954 |
| October | W | 5,707 | 1,714 | 47,448 | 1,305 | 39,386 |
| November | 436 | 4,163 | 1,503 | 48,009 | W | 36,950 |
| December | 108 | 3,458 | 2,089 | 55,397 | W | 39,575 |
| **1988 Total** | W | **100,285** | **13,818** | **571,449** | **8,347** | **475,436** |

See footnotes at end of table.

# Table 41. Refiner Motor Gasoline Volumes by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | | Unleaded Regular | | Premium | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Maine** | | | | | | |
| January | 400 | 5,116 | 1,425 | 17,590 | 320 | 7,330 |
| February | 376 | 5,069 | 1,386 | 17,571 | 290 | 7,551 |
| March | 373 | 4,797 | 1,499 | 19,402 | W | 8,434 |
| April | 399 | 4,543 | 1,514 | 19,575 | W | 8,359 |
| May | 450 | 5,940 | 1,580 | 21,202 | W | 8,732 |
| June | 474 | 6,912 | 1,655 | 24,097 | W | 9,864 |
| July | 514 | 7,477 | W | 24,988 | 417 | 11,215 |
| August | 502 | 7,917 | 1,702 | 27,411 | W | 12,587 |
| September | 393 | 6,097 | 1,443 | 23,218 | W | 10,229 |
| October | 402 | 3,894 | 1,751 | 22,634 | W | 9,880 |
| November | 371 | 2,071 | 1,657 | 21,430 | W | 9,026 |
| December | 346 | 1,882 | 1,672 | 22,912 | W | 10,167 |
| **1988 Total** | **5,000** | **61,715** | W | **262,030** | **4,072** | **113,374** |
| **Massachusetts** | | | | | | |
| January | 1,816 | 11,976 | 8,511 | 84,052 | 5,233 | 54,907 |
| February | 1,517 | 13,936 | 8,549 | 64,557 | 5,137 | 48,221 |
| March | 1,534 | 11,764 | 9,546 | 73,669 | 5,551 | 59,809 |
| April | 1,539 | 11,551 | 9,142 | 65,079 | 5,415 | 54,276 |
| May | 1,691 | 13,417 | 9,416 | 107,302 | 5,639 | 55,189 |
| June | 1,585 | 16,306 | 9,362 | 79,045 | 5,709 | 59,092 |
| July | 1,532 | 12,490 | 13,720 | 88,248 | 5,813 | 59,296 |
| August | 1,526 | 12,092 | 9,854 | 72,713 | 5,921 | 60,421 |
| September | 1,342 | 9,174 | 9,176 | 76,263 | 5,621 | 56,572 |
| October | 1,183 | 8,083 | 9,837 | 72,663 | 5,783 | 62,437 |
| November | 879 | 3,740 | 9,646 | 130,345 | 5,422 | 55,392 |
| December | 888 | 3,786 | 10,685 | 95,542 | 6,182 | 61,630 |
| **1988 Total** | **17,032** | **128,315** | **117,444** | **1,009,478** | **67,426** | **687,242** |
| **New Hampshire** | | | | | | |
| January | 500 | 1,161 | 2,129 | 7,980 | 931 | 5,096 |
| February | 442 | 1,177 | 1,990 | 7,455 | 879 | 4,709 |
| March | 455 | 1,020 | 2,249 | 7,406 | 907 | 4,659 |
| April | 447 | 922 | 2,115 | 6,884 | 901 | 4,318 |
| May | 536 | 1,264 | 2,225 | 7,589 | 964 | 4,758 |
| June | 603 | 1,402 | 2,340 | 7,893 | 1,005 | 4,872 |
| July | 525 | 1,270 | 2,442 | 7,947 | 1,012 | 4,913 |
| August | 530 | 1,386 | 2,781 | 8,557 | 1,110 | 5,227 |
| September | W | 927 | 2,542 | 7,850 | W | 4,860 |
| October | 353 | 813 | 2,510 | 8,989 | 976 | 5,487 |
| November | 330 | 287 | 2,453 | 8,464 | 927 | 4,949 |
| December | 317 | 264 | 2,731 | 8,647 | 1,087 | 4,953 |
| **1988 Total** | W | **11,893** | **28,507** | **95,661** | W | **58,801** |
| **Rhode Island** | | | | | | |
| January | 209 | 3,739 | 729 | 15,268 | 594 | 12,372 |
| February | 141 | 3,734 | 621 | 16,234 | 554 | 12,371 |
| March | 180 | 4,892 | 717 | 21,144 | W | 16,380 |
| April | 194 | 3,916 | 765 | 17,050 | W | 14,189 |
| May | 217 | 6,345 | 798 | 18,480 | W | 13,725 |
| June | 252 | 7,079 | 775 | 22,721 | W | 16,079 |
| July | 236 | 5,011 | W | 20,219 | 616 | 15,468 |
| August | W | 5,888 | 948 | 19,423 | 707 | 16,471 |
| September | 196 | 3,825 | 909 | 18,318 | W | 14,719 |
| October | 106 | 2,025 | 1,016 | 19,402 | 657 | 15,609 |
| November | W | 1,069 | 928 | 19,079 | W | 14,164 |
| December | W | 752 | 919 | 19,209 | W | 14,435 |
| **1988 Total** | **2,071** | **48,275** | W | **226,547** | W | **175,982** |

See footnotes at end of table.

# Table 41. Refiner Motor Gasoline Volumes by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | | Unleaded Regular | | Premium | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Vermont** | | | | | | |
| January | 198 | 1,026 | 426 | 3,828 | 161 | 2,094 |
| February | 238 | 920 | 528 | 3,370 | 157 | 1,819 |
| March | 183 | 908 | 438 | 3,558 | 129 | 1,869 |
| April | 172 | 889 | 410 | 3,401 | 142 | 1,710 |
| May | 193 | 1,169 | 397 | 4,036 | 100 | 2,006 |
| June | 214 | 1,411 | 449 | 4,498 | 118 | 2,304 |
| July | 223 | 1,198 | 541 | 4,348 | 178 | 2,437 |
| August | W | 1,351 | 505 | 5,092 | W | 2,705 |
| September | W | 1,056 | 409 | 4,056 | W | 2,185 |
| October | W | 951 | 428 | 3,939 | W | 2,186 |
| November | W | 809 | 434 | 3,829 | W | 2,099 |
| December | W | 952 | 513 | 4,382 | W | 2,501 |
| **1988 Total** | **2,264** | **12,640** | **5,478** | **48,337** | **1,734** | **25,915** |
| **Subdistrict IB Total** | | | | | | |
| January | 25,334 | 108,192 | 92,293 | 642,945 | 41,838 | 437,856 |
| February | 23,124 | 106,481 | 90,941 | 605,223 | 41,509 | 424,733 |
| March | 24,593 | 116,467 | 102,164 | 675,125 | 46,381 | 438,759 |
| April | 24,692 | 115,958 | 100,810 | 654,484 | 47,305 | 426,009 |
| May | 26,684 | 120,506 | 108,658 | 727,028 | 51,622 | 453,160 |
| June | 26,557 | 114,085 | 108,065 | 701,728 | 53,456 | 463,358 |
| July | 24,128 | 112,401 | 109,683 | 768,427 | 55,923 | 474,991 |
| August | 23,997 | 109,719 | 114,584 | 725,754 | 56,951 | 465,278 |
| September | 22,248 | 93,207 | 103,779 | 680,904 | 52,695 | 446,990 |
| October | 21,055 | 74,318 | 108,157 | 670,303 | 56,046 | 446,475 |
| November | 19,260 | 62,640 | 108,553 | 693,618 | 52,172 | 437,627 |
| December | 18,275 | 56,903 | 113,762 | 752,696 | 56,729 | 468,788 |
| **1988 Total** | **279,947** | **1,190,878** | **1,261,448** | **8,298,235** | **612,627** | **5,384,024** |
| **Delaware** | | | | | | |
| January | W | 703 | 744 | 12,517 | 291 | 6,439 |
| February | 84 | 743 | 675 | 7,994 | 260 | 9,805 |
| March | W | 736 | 864 | 9,181 | 312 | 8,916 |
| April | W | 794 | 893 | 9,016 | W | 5,180 |
| May | 109 | 830 | 943 | 9,541 | 355 | 11,980 |
| June | W | 793 | 889 | 10,117 | W | 9,617 |
| July | W | 747 | 875 | 10,441 | W | 5,281 |
| August | W | 744 | 1,006 | 12,125 | 429 | 8,504 |
| September | W | 359 | 919 | 11,091 | 347 | 6,985 |
| October | W | 299 | 906 | 12,280 | 284 | 5,479 |
| November | 73 | 245 | 739 | 11,644 | W | 4,953 |
| December | 93 | 150 | 809 | 11,849 | W | 8,510 |
| **1988 Total** | W | **7,143** | **10,262** | **127,796** | W | **91,649** |
| **District of Columbia** | | | | | | |
| January | W | 506 | 119 | 7,578 | 31 | 7,507 |
| February | - | 818 | 134 | 8,312 | 44 | 7,833 |
| March | W | 760 | 127 | 8,790 | W | 8,208 |
| April | W | 273 | 166 | 5,972 | W | 7,739 |
| May | W | 274 | 125 | 6,138 | W | 7,677 |
| June | W | 329 | 130 | 6,071 | W | 7,776 |
| July | - | 242 | 127 | 5,943 | 36 | 7,550 |
| August | W | 208 | 306 | 6,084 | 88 | 7,544 |
| September | W | 124 | 280 | 5,764 | W | 7,282 |
| October | W | 104 | 190 | 6,802 | W | 7,670 |
| November | W | 231 | 290 | 5,990 | W | 7,480 |
| December | W | 115 | 214 | 6,399 | W | 8,135 |
| **1988 Total** | W | **3,984** | **2,208** | **79,843** | **797** | **92,401** |

See footnotes at end of table.

# Table 41. Refiner Motor Gasoline Volumes by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | | Unleaded Regular | | Premium | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Maryland** | | | | | | |
| January | 49 | 10,476 | 1,125 | 77,020 | 325 | 51,923 |
| February | 60 | 10,735 | 1,021 | 78,371 | 316 | 50,976 |
| March | 61 | 12,900 | 1,414 | 85,720 | W | 55,796 |
| April | 62 | 12,867 | 1,124 | 82,965 | W | 55,230 |
| May | W | 12,964 | 1,116 | 84,999 | 286 | 57,300 |
| June | 39 | 9,976 | 1,158 | 88,288 | W | 58,798 |
| July | W | 9,210 | 1,096 | 87,359 | 335 | 59,035 |
| August | 199 | 9,464 | 1,613 | 93,047 | W | 60,500 |
| September | 92 | 6,758 | 1,493 | 86,211 | W | 56,318 |
| October | 67 | 5,681 | 1,417 | 90,737 | W | 58,385 |
| November | W | 4,621 | 1,551 | 86,799 | 518 | 55,895 |
| December | W | 4,104 | 1,563 | 93,606 | 544 | 60,902 |
| **1988 Total** | W | **109,757** | **15,691** | **1,035,122** | **5,155** | **681,058** |
| **New Jersey** | | | | | | |
| January | 2,957 | 21,716 | 15,926 | 179,225 | 8,834 | 146,651 |
| February | 2,935 | 22,437 | 17,368 | 145,941 | 10,343 | 146,777 |
| March | 3,435 | 21,579 | 19,478 | 169,387 | W | 132,561 |
| April | 3,297 | 16,496 | 19,391 | 168,588 | W | 124,942 |
| May | 3,180 | 21,043 | 20,283 | 245,043 | W | 134,954 |
| June | 3,282 | 20,007 | 20,707 | 194,916 | W | 139,010 |
| July | 3,029 | 19,603 | 21,191 | 221,402 | W | 134,447 |
| August | 3,040 | 20,871 | 22,467 | 183,824 | W | 120,366 |
| September | 2,846 | 14,887 | 19,769 | 185,848 | W | 126,475 |
| October | 2,547 | 10,368 | 20,742 | 146,916 | 13,407 | 118,926 |
| November | 2,203 | 9,570 | 19,795 | 181,072 | 12,700 | 116,511 |
| December | 2,305 | 10,673 | 21,370 | 216,421 | 13,905 | 132,533 |
| **1988 Total** | **35,056** | **209,251** | **238,487** | **2,238,583** | W | **1,574,153** |
| **New York** | | | | | | |
| January | 10,225 | 28,313 | 34,017 | 141,395 | 15,814 | 112,924 |
| February | 9,715 | 26,898 | 33,639 | 138,373 | 14,863 | 108,335 |
| March | 10,355 | 29,703 | 37,049 | 153,326 | 16,909 | 120,551 |
| April | 10,251 | 28,917 | 36,502 | 151,463 | 17,325 | 118,346 |
| May | 11,876 | 32,948 | 39,672 | 157,203 | 19,435 | 124,452 |
| June | 11,930 | 34,231 | 39,769 | 155,995 | 20,063 | 128,597 |
| July | 10,920 | 33,505 | 40,378 | 162,454 | 21,086 | 134,563 |
| August | 10,645 | 34,348 | 41,617 | 171,145 | 21,559 | 138,875 |
| September | 9,737 | 28,084 | 37,662 | 154,908 | 19,646 | 129,491 |
| October | 9,224 | 25,147 | 38,154 | 158,023 | 20,470 | 134,709 |
| November | 8,263 | 19,666 | 40,737 | 155,292 | 19,065 | 128,181 |
| December | 7,698 | 18,467 | 40,685 | 173,115 | 20,642 | 136,320 |
| **1988 Total** | **120,839** | **340,227** | **459,881** | **1,872,692** | **226,877** | **1,515,344** |
| **Pennsylvania** | | | | | | |
| January | 12,014 | 46,478 | 40,362 | 225,210 | 16,543 | 112,412 |
| February | 10,330 | 44,850 | 38,104 | 226,232 | 15,683 | 101,007 |
| March | 10,644 | 50,789 | 43,232 | 248,721 | 17,242 | 112,727 |
| April | 10,985 | 56,610 | 42,734 | 236,480 | 17,446 | 114,572 |
| May | 11,460 | 52,447 | 46,519 | 224,104 | 18,819 | 116,797 |
| June | 11,198 | 48,749 | 45,412 | 246,341 | 18,900 | 119,560 |
| July | 10,032 | 49,094 | 46,016 | 280,828 | 19,974 | 134,115 |
| August | 10,009 | 44,084 | 47,575 | 259,529 | 19,777 | 129,489 |
| September | 9,471 | 42,995 | 43,656 | 237,082 | 18,972 | 120,439 |
| October | 9,124 | 32,719 | 46,748 | 255,545 | 21,143 | 121,306 |
| November | 8,546 | 28,307 | 45,441 | 252,821 | 19,474 | 124,607 |
| December | 8,099 | 23,394 | 49,121 | 251,306 | 21,192 | 122,388 |
| **1988 Total** | **121,912** | **520,517** | **534,920** | **2,944,199** | **225,165** | **1,429,419** |

See footnotes at end of table.

# Table 41. Refiner Motor Gasoline Volumes by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | | Unleaded Regular | | Premium | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Subdistrict IC Total** | | | | | | |
| January | 49,389 | 189,409 | 163,448 | 550,577 | 90,838 | 318,502 |
| February | 51,368 | 194,076 | 168,940 | 567,153 | 90,597 | 330,549 |
| March | 56,215 | 224,943 | 185,960 | 631,716 | 99,958 | 375,746 |
| April | 53,029 | 215,436 | 173,615 | 607,753 | 95,548 | 368,222 |
| May | 50,960 | 213,126 | 176,845 | 607,297 | 97,620 | 371,748 |
| June | 49,310 | 212,765 | 173,968 | 624,935 | 98,202 | 388,408 |
| July | 46,453 | 191,494 | 177,334 | 633,529 | 100,164 | 387,559 |
| August | 44,855 | 194,513 | 186,533 | 653,334 | 99,651 | 390,565 |
| September | 42,406 | 182,300 | 174,953 | 605,446 | 95,390 | 363,148 |
| October | 41,803 | 176,868 | 180,187 | 632,813 | 100,485 | 374,706 |
| November | 39,677 | 159,857 | 175,474 | 639,889 | 96,765 | 372,926 |
| December | 40,199 | 155,722 | 186,626 | 678,333 | 104,739 | 399,544 |
| **1988 Total** | **565,664** | **2,310,509** | **2,123,883** | **7,432,775** | **1,169,957** | **4,441,623** |
| **Florida** | | | | | | |
| January | 18,731 | 48,124 | 69,777 | 193,416 | 41,901 | 119,157 |
| February | 19,801 | 47,306 | 71,263 | 193,029 | 42,843 | 121,613 |
| March | 21,025 | 54,270 | 76,178 | 214,233 | 47,746 | 138,666 |
| April | 18,496 | 53,053 | 69,888 | 200,074 | 45,012 | 134,079 |
| May | 17,800 | 47,147 | 68,071 | 188,938 | 45,570 | 128,364 |
| June | 17,704 | 46,179 | 66,832 | 191,051 | 44,860 | 129,944 |
| July | 15,435 | 44,175 | 67,727 | 197,864 | 44,789 | 131,824 |
| August | 14,352 | 42,098 | 72,791 | 200,385 | 44,457 | 128,441 |
| September | 13,720 | 38,964 | 67,734 | 187,357 | 43,349 | 123,373 |
| October | 13,088 | 39,472 | 68,738 | 190,184 | 45,592 | 126,344 |
| November | 12,654 | 39,254 | 67,976 | 193,910 | 44,597 | 128,050 |
| December | 13,336 | 38,945 | 72,947 | 203,429 | 48,388 | 136,813 |
| **1988 Total** | **196,142** | **538,987** | **839,922** | **2,353,870** | **539,104** | **1,546,668** |
| **Georgia** | | | | | | |
| January | 8,788 | 42,228 | 28,607 | 98,118 | 17,457 | 57,631 |
| February | 9,351 | 44,347 | 29,926 | 102,528 | 17,204 | 61,336 |
| March | 10,672 | 51,579 | 33,624 | 114,201 | 18,556 | 69,699 |
| April | 10,677 | 48,873 | 32,138 | 110,958 | 17,491 | 68,465 |
| May | 9,498 | 48,214 | 32,633 | 112,510 | 18,308 | 70,185 |
| June | 9,066 | 47,049 | 32,975 | 115,219 | 18,681 | 73,630 |
| July | 8,725 | 42,492 | 33,734 | 112,269 | 19,000 | 71,322 |
| August | 8,681 | 44,353 | 35,055 | 121,184 | 19,093 | 74,380 |
| September | 8,178 | 41,559 | 32,562 | 111,443 | 18,093 | 67,764 |
| October | 8,059 | 41,972 | 33,472 | 116,974 | 18,849 | 69,498 |
| November | 7,508 | 38,545 | 32,542 | 115,161 | 17,861 | 69,410 |
| December | 7,432 | 39,411 | 34,452 | 123,638 | 19,493 | 74,323 |
| **1988 Total** | **106,635** | **530,622** | **391,720** | **1,354,203** | **220,086** | **827,643** |
| **North Carolina** | | | | | | |
| January | 5,297 | 44,753 | 17,925 | 98,930 | 8,025 | 56,318 |
| February | 5,640 | 47,100 | 19,793 | 107,935 | 8,080 | 60,375 |
| March | 6,197 | 55,067 | 21,712 | 120,344 | 9,021 | 69,219 |
| April | 5,717 | 52,285 | 17,076 | 117,180 | 8,410 | 67,296 |
| May | 5,535 | 54,436 | 20,545 | 120,369 | 8,478 | 70,591 |
| June | 5,308 | 55,605 | 19,395 | 127,343 | 8,763 | 76,648 |
| July | 5,745 | 49,361 | 19,279 | 125,511 | 9,131 | 75,229 |
| August | 5,454 | 51,977 | 20,750 | 136,169 | 9,175 | 77,484 |
| September | 4,813 | 49,617 | 20,339 | 124,714 | 8,563 | 71,568 |
| October | 4,894 | 47,642 | 21,034 | 127,748 | 9,099 | 73,219 |
| November | 4,586 | 40,518 | 20,371 | 133,895 | 8,571 | 72,683 |
| December | 4,543 | 40,176 | 20,893 | 142,837 | 9,259 | 80,028 |
| **1988 Total** | **63,729** | **588,537** | **239,112** | **1,482,975** | **104,575** | **850,658** |

See footnotes at end of table.

# Table 41. Refiner Motor Gasoline Volumes by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | | Unleaded Regular | | Premium | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **South Carolina** | | | | | | |
| January | 7,268 | 21,730 | 14,894 | 47,400 | 6,461 | 21,311 |
| February | 7,860 | 22,726 | 16,151 | 50,442 | 6,645 | 23,205 |
| March | 8,814 | 26,266 | 18,511 | 57,191 | 7,324 | 26,739 |
| April | 8,377 | 24,493 | 17,876 | 56,573 | 7,303 | 26,773 |
| May | 8,118 | 24,330 | 18,400 | 57,783 | 7,383 | 27,578 |
| June | 7,849 | 25,041 | 18,367 | 61,090 | 7,549 | 30,071 |
| July | 7,605 | 21,967 | 18,821 | 67,600 | 7,707 | 29,788 |
| August | 7,469 | 21,824 | 19,165 | 60,419 | 7,460 | 29,549 |
| September | 7,190 | 20,963 | 18,525 | 56,986 | 7,216 | 26,977 |
| October | 7,249 | 22,038 | 19,023 | 62,095 | 7,424 | 28,515 |
| November | 6,951 | 16,599 | 18,602 | 62,120 | 7,167 | 27,278 |
| December | 7,064 | 16,917 | 19,831 | 65,473 | 7,667 | 29,321 |
| **1988 Total** | **91,814** | **264,894** | **218,166** | **705,172** | **87,306** | **327,105** |
| **Virginia** | | | | | | |
| January | 6,311 | 25,705 | 25,148 | 98,676 | 13,315 | 54,889 |
| February | 5,964 | 25,623 | 24,925 | 98,418 | 12,309 | 54,648 |
| March | 6,585 | 29,793 | 28,043 | 108,539 | 13,271 | 60,610 |
| April | 6,769 | 29,132 | 28,593 | 107,374 | 13,343 | 61,391 |
| May | 6,986 | 30,341 | 28,811 | 109,748 | 13,780 | 63,698 |
| June | 6,523 | 30,696 | 28,136 | 113,065 | 14,243 | 66,735 |
| July | 6,325 | 26,980 | 29,281 | 112,331 | 15,113 | 67,886 |
| August | 6,307 | 27,360 | 30,044 | 117,960 | 15,094 | 69,229 |
| September | 6,024 | 25,371 | 27,826 | 108,198 | 14,169 | 62,916 |
| October | 6,068 | 21,601 | 29,327 | 115,039 | 15,233 | 65,355 |
| November | 5,688 | 20,974 | 27,561 | 114,563 | 14,576 | 64,773 |
| December | 5,609 | 16,785 | 29,553 | 123,013 | 15,539 | 68,382 |
| **1988 Total** | **75,159** | **310,361** | **337,248** | **1,326,924** | **169,985** | **760,512** |
| **West Virginia** | | | | | | |
| January | 2,994 | 6,869 | 7,097 | 14,037 | 3,679 | 9,196 |
| February | 2,752 | 6,974 | 6,882 | 14,801 | 3,516 | 9,372 |
| March | 2,922 | 7,968 | 7,892 | 17,208 | 4,040 | 10,813 |
| April | 2,993 | 7,600 | 8,044 | 15,594 | 3,989 | 10,218 |
| May | 3,023 | 8,658 | 8,385 | 17,949 | 4,101 | 11,332 |
| June | 2,860 | 8,195 | 8,263 | 17,167 | 4,106 | 11,380 |
| July | 2,618 | 6,519 | 8,492 | 17,954 | 4,424 | 11,510 |
| August | 2,592 | 6,901 | 8,728 | 17,217 | 4,372 | 11,482 |
| September | 2,481 | 5,826 | 7,967 | 16,748 | 4,000 | 10,550 |
| October | 2,445 | 4,143 | 8,593 | 20,773 | 4,288 | 11,775 |
| November | 2,290 | 3,967 | 8,422 | 20,240 | 3,993 | 10,732 |
| December | 2,215 | 3,488 | 8,950 | 19,943 | 4,393 | 10,677 |
| **1988 Total** | **32,185** | **77,108** | **97,715** | **209,631** | **48,901** | **129,037** |
| **PAD District II Total** | | | | | | |
| January | 103,995 | 427,605 | 417,588 | 1,194,520 | 129,771 | 288,592 |
| February | 102,260 | 414,184 | 411,694 | 1,167,042 | 120,037 | 268,050 |
| March | 101,152 | 489,899 | 459,959 | 1,320,171 | 128,509 | 301,323 |
| April | 94,171 | 483,599 | 460,644 | 1,279,712 | 125,565 | 291,861 |
| May | 96,089 | 500,091 | 474,080 | 1,348,538 | 131,722 | 305,406 |
| June | 90,628 | 526,188 | 475,217 | 1,453,355 | 141,506 | 346,015 |
| July | 84,970 | 463,662 | 480,913 | 1,479,442 | 146,992 | 345,326 |
| August | 81,921 | 458,130 | 498,658 | 1,485,187 | 143,761 | 356,532 |
| September | 76,525 | 437,147 | 461,494 | 1,367,518 | 139,093 | 326,678 |
| October | 74,836 | 427,810 | 483,252 | 1,453,692 | 147,134 | 342,872 |
| November | 66,502 | 365,103 | 464,429 | 1,382,013 | 139,165 | 329,597 |
| December | 67,282 | 346,436 | 519,717 | 1,484,133 | 162,314 | 374,963 |
| **1988 Total** | **1,040,331** | **5,339,853** | **5,607,645** | **16,415,323** | **1,655,569** | **3,877,215** |

See footnotes at end of table.

# Table 41. Refiner Motor Gasoline Volumes by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | | Unleaded Regular | | Premium | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Illinois** | | | | | | |
| January | 7,607 | 37,838 | 52,216 | 159,132 | 19,239 | 53,759 |
| February | 6,489 | 35,716 | 50,085 | 156,584 | 17,607 | 45,296 |
| March | 6,952 | 41,502 | 55,890 | 179,210 | 18,818 | 51,327 |
| April | 6,727 | 47,801 | 54,746 | 167,491 | 18,810 | 49,228 |
| May | 6,997 | 43,490 | 55,679 | 174,946 | 19,565 | 50,780 |
| June | 6,425 | 42,473 | 56,931 | 185,759 | 21,764 | 54,951 |
| July | 6,097 | 36,450 | 57,791 | 198,366 | 22,716 | 54,703 |
| August | 5,777 | 33,995 | 57,198 | 190,745 | 21,917 | 55,232 |
| September | 5,176 | 34,902 | 52,606 | 174,858 | 20,987 | 53,082 |
| October | 4,893 | 35,487 | 55,136 | 188,887 | 22,614 | 56,078 |
| November | 4,452 | 24,012 | 53,254 | 174,929 | 21,388 | 54,227 |
| December | 4,567 | 25,365 | 62,536 | 194,821 | 25,777 | 64,768 |
| **1988 Total** | **72,159** | **439,031** | **664,068** | **2,145,728** | **251,202** | **643,431** |
| **Indiana** | | | | | | |
| January | 9,371 | 28,973 | 37,377 | 100,286 | 6,979 | 21,825 |
| February | 8,664 | 27,041 | 36,156 | 96,875 | 6,106 | 18,644 |
| March | 9,124 | 34,825 | 39,572 | 109,905 | 6,727 | 21,699 |
| April | 8,243 | 31,978 | 40,445 | 107,811 | 6,404 | 20,282 |
| May | 8,291 | 34,048 | 41,725 | 109,798 | 6,743 | 21,657 |
| June | 7,736 | 32,913 | 41,295 | 114,697 | 7,708 | 24,308 |
| July | 6,574 | 29,195 | 39,517 | 121,843 | 8,406 | 25,195 |
| August | 7,128 | 27,508 | 44,475 | 121,431 | 8,268 | 24,457 |
| September | 6,730 | 25,538 | 41,162 | 118,689 | 8,243 | 23,099 |
| October | 6,575 | 25,853 | 42,945 | 123,457 | 9,033 | 25,064 |
| November | 5,508 | 19,842 | 42,667 | 121,978 | 8,078 | 24,032 |
| December | 5,441 | 18,969 | 47,096 | 136,745 | 9,814 | 26,403 |
| **1988 Total** | **89,385** | **336,683** | **494,432** | **1,383,515** | **92,509** | **276,665** |
| **Iowa** | | | | | | |
| January | 3,266 | 25,822 | 8,829 | 52,958 | 1,417 | 7,688 |
| February | 2,957 | 26,271 | 8,116 | 52,626 | 1,315 | 7,131 |
| March | 3,275 | 32,333 | 9,090 | 57,438 | 1,434 | 7,634 |
| April | 3,074 | 28,711 | 8,509 | 55,697 | 1,223 | 7,579 |
| May | 3,281 | 29,986 | 9,055 | 57,857 | 1,261 | 7,796 |
| June | 3,053 | 30,411 | 8,809 | 63,785 | W | 9,106 |
| July | 2,804 | 28,350 | 8,948 | 64,640 | 1,445 | 9,409 |
| August | 2,352 | 27,972 | 9,379 | 67,442 | 1,642 | 10,290 |
| September | 2,007 | 30,878 | 9,183 | 61,992 | 1,685 | 8,645 |
| October | 1,865 | 27,122 | 9,445 | 65,125 | 1,830 | 9,346 |
| November | 1,471 | 23,673 | 8,745 | 64,812 | 1,871 | 9,260 |
| December | 1,571 | 23,481 | 9,427 | 73,395 | 2,091 | 9,068 |
| **1988 Total** | **30,976** | **335,010** | **107,535** | **737,767** | W | **102,952** |
| **Kansas** | | | | | | |
| January | 3,828 | 34,490 | 11,606 | 80,131 | 2,052 | 5,674 |
| February | 3,546 | 36,531 | 11,100 | 77,243 | 1,965 | 5,711 |
| March | 3,906 | 41,749 | 12,148 | 91,718 | W | 6,402 |
| April | 4,377 | 40,103 | 12,975 | 85,080 | 2,290 | 6,133 |
| May | 4,489 | 40,502 | 13,724 | 94,391 | 2,484 | 6,137 |
| June | 4,239 | 43,832 | 13,859 | 105,163 | 2,690 | 7,464 |
| July | 3,862 | 40,194 | 14,528 | 124,587 | 2,887 | 7,556 |
| August | 3,538 | 38,562 | 14,627 | 101,644 | 2,976 | 7,758 |
| September | 3,303 | 36,161 | 13,651 | 88,416 | 2,811 | 8,580 |
| October | 2,953 | 37,781 | 13,957 | 100,468 | 2,927 | 7,946 |
| November | 2,677 | 32,848 | 13,838 | 88,320 | 2,901 | 8,274 |
| December | 2,589 | 32,634 | 16,085 | 87,064 | 3,196 | 7,807 |
| **1988 Total** | **43,307** | **455,387** | **162,098** | **1,124,225** | W | **85,442** |

See footnotes at end of table.

# Table 41. Refiner Motor Gasoline Volumes by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | | Unleaded Regular | | Premium | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Kentucky** | | | | | | |
| January | 7,265 | 27,632 | 17,009 | 52,144 | 6,457 | 20,656 |
| February | 7,788 | 27,557 | 16,010 | 52,602 | 6,096 | 20,307 |
| March | 8,421 | 33,023 | 17,803 | 61,464 | 6,724 | 23,252 |
| April | 7,997 | 32,871 | 18,115 | 62,636 | 6,635 | 22,807 |
| May | 7,890 | 33,213 | 18,408 | 62,433 | 6,862 | 22,823 |
| June | 7,524 | 32,251 | 18,081 | 65,912 | 7,209 | 24,163 |
| July | 7,333 | 26,831 | 18,961 | 60,703 | 8,022 | 23,223 |
| August | 7,153 | 28,557 | 19,378 | 60,263 | 7,514 | 24,358 |
| September | 7,050 | 28,231 | 18,190 | 57,885 | 7,149 | 23,479 |
| October | 6,934 | 27,882 | 18,724 | 60,402 | 7,651 | 24,880 |
| November | 6,189 | 25,274 | 18,262 | 59,447 | 7,208 | 24,490 |
| December | 5,894 | 24,338 | 19,716 | 62,113 | 8,015 | 25,220 |
| **1988 Total** | **87,438** | **347,660** | **218,657** | **718,004** | **85,542** | **279,658** |
| **Michigan** | | | | | | |
| January | 10,955 | 36,578 | 63,069 | 150,305 | 15,889 | 37,860 |
| February | 11,389 | 36,511 | 66,327 | 147,230 | 16,134 | 36,199 |
| March | 11,389 | 39,761 | 71,509 | 161,628 | 17,207 | 40,498 |
| April | 10,661 | 40,636 | 70,107 | 160,092 | 16,450 | 38,932 |
| May | 11,258 | 45,530 | 73,804 | 173,810 | 17,127 | 42,193 |
| June | 10,500 | 47,398 | 74,064 | 185,847 | 19,130 | 46,847 |
| July | 9,353 | 45,121 | 73,222 | 189,862 | 19,053 | 51,132 |
| August | 9,351 | 43,228 | 77,437 | 193,490 | 18,838 | 48,558 |
| September | 8,513 | 35,326 | 71,972 | 177,800 | 18,230 | 45,254 |
| October | 8,337 | 31,891 | 75,657 | 188,839 | 19,853 | 48,027 |
| November | 7,183 | 27,254 | 71,663 | 175,876 | 18,814 | 45,008 |
| December | 7,704 | 25,040 | 82,367 | 179,539 | 22,716 | 48,623 |
| **1988 Total** | **116,593** | **454,274** | **871,198** | **2,084,318** | **219,441** | **529,131** |
| **Minnesota** | | | | | | |
| January | 5,150 | 26,465 | 18,418 | 77,157 | 5,902 | 12,412 |
| February | 4,627 | 27,233 | 18,107 | 84,226 | 5,117 | 11,924 |
| March | 4,827 | 30,779 | 19,487 | 88,139 | 4,825 | 12,330 |
| April | 4,688 | 33,960 | 19,453 | 92,147 | 5,023 | 13,269 |
| May | 4,951 | 30,916 | 20,204 | 85,308 | 5,359 | 11,124 |
| June | 4,898 | 35,853 | 21,044 | 96,345 | 5,586 | 14,765 |
| July | 4,956 | 31,486 | 22,654 | 94,310 | 6,005 | 13,898 |
| August | 4,893 | 30,107 | 24,529 | 95,893 | 6,087 | 12,558 |
| September | 4,418 | 32,271 | 22,807 | 89,534 | 5,822 | 12,259 |
| October | 4,862 | 29,189 | 24,554 | 93,926 | 6,374 | 13,453 |
| November | 4,182 | 25,255 | 22,744 | 90,477 | 5,960 | 12,591 |
| December | 4,198 | 22,959 | 25,483 | 97,821 | 7,165 | 14,779 |
| **1988 Total** | **56,650** | **356,473** | **259,484** | **1,085,283** | **69,225** | **155,362** |
| **Missouri** | | | | | | |
| January | 6,842 | 40,906 | 26,672 | 85,028 | 6,974 | 19,952 |
| February | 6,362 | 37,477 | 25,401 | 79,375 | 6,622 | 19,153 |
| March | 6,807 | 47,990 | 28,198 | 94,713 | 7,377 | 21,272 |
| April | 6,689 | 45,207 | 28,455 | 89,419 | 7,503 | 20,142 |
| May | 6,292 | 48,874 | 26,546 | 99,773 | 8,372 | 22,707 |
| June | 5,983 | 51,337 | 26,666 | 104,547 | 9,329 | 29,293 |
| July | 5,762 | 43,881 | 26,776 | 104,736 | 9,446 | 27,836 |
| August | 5,504 | 44,736 | 27,909 | 107,447 | 9,297 | 29,862 |
| September | 4,959 | 40,073 | 26,320 | 97,463 | 8,965 | 24,273 |
| October | 4,838 | 40,780 | 27,305 | 102,685 | 9,555 | 25,365 |
| November | 4,368 | 34,166 | 26,170 | 94,936 | 8,889 | 24,611 |
| December | 4,530 | 35,302 | 29,344 | 102,495 | 10,317 | 27,004 |
| **1988 Total** | **68,936** | **510,729** | **325,762** | **1,162,617** | **102,646** | **291,470** |

See footnotes at end of table.

# Table 41. Refiner Motor Gasoline Volumes by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | | Unleaded Regular | | Premium | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Nebraska** | | | | | | |
| January | 1,831 | 16,065 | 5,112 | 30,896 | 505 | 2,570 |
| February | 1,633 | 15,818 | 4,784 | 31,196 | 447 | 2,543 |
| March | 1,843 | 18,755 | 5,418 | 35,198 | 485 | 2,868 |
| April | 1,792 | 17,918 | 5,152 | 33,890 | 472 | 2,589 |
| May | 1,916 | 18,005 | 5,448 | 34,394 | 520 | 2,824 |
| June | 1,949 | 22,170 | 5,580 | 41,125 | W | 3,375 |
| July | 1,548 | 18,379 | 5,642 | 37,470 | W | 3,152 |
| August | 1,216 | 18,195 | 5,560 | 40,231 | 652 | 3,630 |
| September | 1,192 | 20,071 | 5,316 | 37,928 | 642 | 2,994 |
| October | 1,286 | 20,040 | 5,782 | 38,537 | W | 2,934 |
| November | 1,252 | 15,443 | 5,565 | 36,699 | 719 | 2,804 |
| December | 1,203 | 13,576 | 5,761 | 38,588 | 801 | 2,981 |
| **1988 Total** | **18,661** | **214,435** | **65,120** | **436,152** | **7,090** | **35,264** |
| **North Dakota** | | | | | | |
| January | 177 | 7,486 | 528 | 15,218 | W | 1,393 |
| February | 175 | 7,358 | 462 | 15,671 | W | 1,340 |
| March | 167 | 9,208 | 515 | 16,422 | W | 1,298 |
| April | 206 | 9,293 | 505 | 16,045 | W | 1,433 |
| May | 309 | 8,481 | 557 | 15,453 | W | 1,425 |
| June | 182 | 9,994 | 625 | 19,368 | W | 1,644 |
| July | 272 | 11,669 | 610 | 18,576 | W | 1,912 |
| August | 233 | 9,323 | 701 | 17,003 | W | 1,777 |
| September | 217 | 8,665 | 577 | 16,990 | W | 1,450 |
| October | 235 | 9,020 | 636 | 17,178 | 80 | 1,557 |
| November | 173 | 7,191 | 768 | 17,288 | 87 | 1,563 |
| December | 212 | 6,444 | 793 | 17,145 | 97 | 1,558 |
| **1988 Total** | **2,558** | **104,132** | **7,277** | **202,357** | **752** | **18,350** |
| **Ohio** | | | | | | |
| January | 31,194 | 34,688 | 117,038 | 133,470 | 38,600 | 38,833 |
| February | 28,416 | 31,746 | 118,420 | 120,468 | 35,132 | 35,786 |
| March | 21,825 | 33,375 | 135,459 | 121,601 | 37,095 | 39,484 |
| April | 17,851 | 33,288 | 137,290 | 121,729 | 35,897 | 38,380 |
| May | 19,054 | 37,251 | 144,935 | 133,244 | 37,162 | 40,710 |
| June | 17,523 | 38,349 | 144,144 | 150,489 | 39,153 | 46,491 |
| July | 16,004 | 31,540 | 145,182 | 140,651 | 40,889 | 43,828 |
| August | 15,296 | 32,573 | 149,491 | 150,066 | 39,590 | 52,510 |
| September | 14,521 | 27,986 | 137,131 | 142,015 | 38,595 | 43,780 |
| October | 14,056 | 25,528 | 144,262 | 147,510 | 39,293 | 43,512 |
| November | 12,497 | 22,339 | 137,771 | 140,680 | 37,593 | 42,064 |
| December | 12,875 | 20,983 | 152,466 | 162,315 | 43,853 | 57,223 |
| **1988 Total** | **221,112** | **369,646** | **1,663,589** | **1,664,238** | **462,852** | **522,601** |
| **Oklahoma** | | | | | | |
| January | 5,125 | 39,798 | 15,794 | 78,525 | 6,055 | 8,685 |
| February | 5,593 | 36,108 | 15,218 | 75,297 | 5,394 | 8,978 |
| March | 6,285 | 44,725 | 18,527 | 96,709 | 6,028 | 10,373 |
| April | 6,507 | 44,723 | 19,261 | 89,113 | 5,895 | 10,634 |
| May | 5,838 | 44,851 | 17,306 | 96,700 | 6,526 | 10,228 |
| June | 5,477 | 49,046 | 17,103 | 93,718 | 6,286 | 11,942 |
| July | 5,573 | 40,696 | 18,716 | 95,061 | 6,316 | 12,179 |
| August | 5,133 | 44,091 | 18,535 | 104,702 | 6,182 | 12,011 |
| September | 4,883 | 41,859 | 16,616 | 91,401 | 6,072 | 12,505 |
| October | 4,903 | 44,590 | 16,631 | 96,790 | 6,286 | 13,775 |
| November | 4,595 | 46,307 | 16,504 | 98,600 | 6,222 | 13,159 |
| December | 4,565 | 38,502 | 17,736 | 101,738 | 6,699 | 13,828 |
| **1988 Total** | **64,477** | **515,296** | **207,947** | **1,118,354** | **73,961** | **138,297** |

See footnotes at end of table.

# Table 41. Refiner Motor Gasoline Volumes by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | | Unleaded Regular | | Premium | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **South Dakota** | | | | | | |
| January | 256 | 9,248 | 438 | 15,217 | W | 1,043 |
| February | 228 | 8,853 | 401 | 15,834 | W | 1,124 |
| March | 270 | 12,012 | 496 | 19,539 | W | 1,206 |
| April | 260 | 9,298 | 475 | 16,880 | W | 1,168 |
| May | 303 | 9,253 | 514 | 16,751 | W | 1,384 |
| June | 335 | 12,427 | 579 | 22,200 | W | 1,796 |
| July | 331 | 11,667 | 623 | 22,298 | W | 1,911 |
| August | 281 | 9,637 | 656 | 21,719 | W | 1,969 |
| September | 244 | 9,486 | 605 | 18,097 | W | 1,419 |
| October | 310 | 9,881 | 811 | 19,322 | 49 | 1,454 |
| November | 333 | 8,416 | 840 | 19,229 | 53 | 1,327 |
| December | 227 | 7,136 | 655 | 18,749 | 45 | 1,207 |
| **1988 Total** | **3,378** | **117,314** | **7,093** | **225,835** | **459** | **17,008** |
| **Tennessee** | | | | | | |
| January | 7,243 | 34,275 | 25,280 | 84,122 | 13,708 | 37,484 |
| February | 11,020 | 35,295 | 23,557 | 86,729 | 12,880 | 37,436 |
| March | 12,684 | 42,781 | 26,606 | 104,541 | 14,137 | 45,286 |
| April | 11,838 | 40,996 | 25,933 | 102,505 | 13,765 | 43,739 |
| May | 11,599 | 44,408 | 26,044 | 104,850 | 14,115 | 46,230 |
| June | 11,426 | 43,466 | 26,366 | 106,413 | 14,721 | 49,006 |
| July | 11,263 | 38,885 | 26,975 | 105,078 | 14,995 | 47,856 |
| August | 10,991 | 42,271 | 27,391 | 114,276 | 14,679 | 50,918 |
| September | 10,490 | 39,057 | 25,560 | 101,693 | 13,819 | 46,290 |
| October | 9,978 | 35,898 | 26,478 | 109,966 | 14,312 | 48,106 |
| November | 9,144 | 32,035 | 25,496 | 109,399 | 13,268 | 46,864 |
| December | 9,141 | 31,157 | 27,377 | 114,200 | 14,267 | 51,590 |
| **1988 Total** | **126,817** | **460,524** | **313,063** | **1,243,772** | **168,666** | **550,805** |
| **Wisconsin** | | | | | | |
| January | 3,885 | 27,341 | 18,202 | 79,931 | 5,928 | 18,758 |
| February | 3,373 | 24,669 | 17,550 | 75,086 | 5,163 | 16,478 |
| March | 3,377 | 27,081 | 19,241 | 81,946 | W | 16,394 |
| April | 3,261 | 26,816 | 19,223 | 79,177 | 5,130 | 15,546 |
| May | 3,621 | 31,283 | 20,131 | 88,830 | 5,544 | 17,388 |
| June | 3,378 | 34,268 | 20,071 | 97,987 | 5,893 | 20,864 |
| July | 3,238 | 29,318 | 20,768 | 101,261 | W | 21,536 |
| August | 3,075 | 27,375 | 21,392 | 98,835 | 6,005 | 20,644 |
| September | 2,822 | 26,643 | 19,798 | 92,757 | 5,960 | 19,569 |
| October | 2,811 | 26,868 | 20,929 | 100,600 | W | 21,375 |
| November | 2,478 | 21,048 | 20,142 | 89,343 | 6,114 | 19,323 |
| December | 2,565 | 20,550 | 22,875 | 97,405 | 7,461 | 22,904 |
| **1988 Total** | **37,884** | **323,260** | **240,322** | **1,083,158** | **71,185** | **230,779** |
| **PAD District III Total** | | | | | | |
| January | 52,670 | 282,148 | 172,271 | 815,875 | 78,699 | 226,352 |
| February | 53,025 | 279,642 | 163,786 | 852,702 | 74,317 | 246,039 |
| March | 61,795 | 331,272 | 178,693 | 952,253 | 86,462 | 307,869 |
| April | 58,129 | 303,830 | 183,409 | 924,567 | 83,602 | 288,006 |
| May | 52,944 | 319,525 | 185,536 | 926,485 | 84,881 | 312,305 |
| June | 52,319 | 315,090 | 177,232 | 1,044,782 | 85,391 | 340,242 |
| July | 50,644 | 270,706 | 189,018 | 985,860 | 88,491 | 289,707 |
| August | 46,316 | 279,684 | 182,746 | 1,003,177 | 84,968 | 288,953 |
| September | 42,972 | 262,579 | 174,573 | 888,017 | 80,795 | 270,021 |
| October | 40,022 | 250,623 | 174,865 | 956,963 | 83,387 | 250,677 |
| November | 38,227 | 241,172 | 160,273 | 928,978 | 78,184 | 272,401 |
| December | 40,898 | 262,801 | 171,828 | 997,074 | 87,379 | 306,359 |
| **1988 Total** | **589,961** | **3,399,072** | **2,114,231** | **11,276,733** | **996,556** | **3,398,931** |

See footnotes at end of table.

# Table 41. Refiner Motor Gasoline Volumes by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | | Unleaded Regular | | Premium | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Alabama** | | | | | | |
| January | 4,037 | 26,712 | 9,554 | 69,594 | 6,295 | 30,218 |
| February | 4,799 | 29,835 | 9,595 | 69,870 | 6,213 | 34,420 |
| March | 5,314 | 31,171 | 10,816 | 82,297 | 6,708 | 34,270 |
| April | 4,850 | 30,206 | 10,521 | 83,443 | 6,285 | 36,688 |
| May | 4,787 | 33,093 | 10,768 | 89,624 | 6,553 | 43,779 |
| June | 4,665 | 32,570 | 11,038 | 97,990 | 6,849 | 41,606 |
| July | 4,444 | 29,322 | 11,254 | 103,151 | 5,931 | 40,075 |
| August | 4,296 | 31,456 | 11,258 | 95,004 | 5,641 | 40,039 |
| September | 4,168 | 27,481 | 10,686 | 96,648 | 5,390 | 37,032 |
| October | 4,139 | 25,108 | 10,676 | 102,322 | 5,450 | 36,224 |
| November | 3,974 | 22,293 | 10,626 | 110,539 | 5,320 | 39,361 |
| December | 3,860 | 31,267 | 11,163 | 124,709 | 5,727 | 46,052 |
| **1988 Total** | **53,333** | **350,514** | **127,955** | **1,125,191** | **72,362** | **459,764** |
| **Arkansas** | | | | | | |
| January | 1,541 | 27,363 | 3,092 | 41,538 | 1,231 | 15,609 |
| February | 1,582 | 27,889 | 3,424 | 45,080 | 1,279 | 15,755 |
| March | 1,923 | 30,629 | 3,842 | 50,055 | 1,535 | 18,468 |
| April | 1,691 | 30,183 | 3,564 | 50,342 | W | 18,329 |
| May | 1,650 | 31,381 | 3,745 | 51,421 | W | 19,600 |
| June | 1,523 | 32,826 | 3,663 | 56,409 | 1,719 | 21,413 |
| July | 1,711 | 27,217 | 3,987 | 52,857 | 1,805 | 20,707 |
| August | 1,538 | 27,500 | 3,960 | 53,398 | 1,773 | 21,052 |
| September | 1,346 | 26,442 | 3,437 | 50,141 | 1,564 | 20,311 |
| October | 1,440 | 26,989 | 3,660 | 54,578 | 1,609 | 20,588 |
| November | 1,266 | 23,180 | 3,549 | 56,219 | 1,601 | 20,538 |
| December | 1,280 | 23,763 | 3,815 | 54,275 | 1,734 | 21,300 |
| **1988 Total** | **18,491** | **335,362** | **43,738** | **616,313** | **19,043** | **233,670** |
| **Louisiana** | | | | | | |
| January | 6,914 | 25,182 | 23,837 | 70,586 | 12,149 | 36,299 |
| February | 7,188 | 24,106 | 22,888 | 90,434 | 11,379 | 41,264 |
| March | 8,318 | 33,112 | 27,699 | 104,959 | 14,978 | 42,603 |
| April | 6,739 | 29,237 | 22,249 | 84,780 | 11,426 | 39,830 |
| May | 6,634 | 36,288 | 23,425 | 109,162 | 12,305 | 51,407 |
| June | 6,445 | 39,463 | 22,778 | 125,617 | 11,918 | 43,421 |
| July | 6,113 | 31,036 | 23,699 | 107,952 | 12,122 | 45,516 |
| August | 5,821 | 33,782 | 24,639 | 102,352 | 11,798 | 48,816 |
| September | 5,464 | 27,937 | 22,468 | 86,422 | 11,161 | 44,491 |
| October | 3,776 | 27,939 | 18,530 | 90,454 | 11,694 | 40,291 |
| November | 4,025 | 24,818 | 18,820 | 89,406 | 10,189 | 44,308 |
| December | 2,901 | 29,474 | 19,427 | 104,981 | 10,929 | 48,807 |
| **1988 Total** | **70,338** | **362,374** | **270,459** | **1,167,105** | **142,048** | **527,053** |
| **Mississippi** | | | | | | |
| January | 2,524 | 24,877 | 6,081 | 62,524 | 2,317 | 17,381 |
| February | 3,063 | 23,215 | 6,926 | 72,639 | 2,238 | 17,282 |
| March | 3,195 | 29,956 | 13,781 | 80,742 | 2,421 | 23,710 |
| April | 3,166 | 28,041 | 14,118 | 82,995 | W | 18,912 |
| May | 3,097 | 27,134 | 20,426 | 81,322 | W | 19,801 |
| June | 4,094 | 25,420 | 14,282 | 82,393 | 2,656 | 21,862 |
| July | 2,882 | 21,689 | 9,228 | 65,501 | 2,724 | 24,313 |
| August | 2,780 | 23,368 | 6,016 | 59,336 | 2,503 | 24,027 |
| September | 2,673 | 25,373 | 10,720 | 54,447 | 2,346 | 19,535 |
| October | 1,535 | 22,111 | 3,980 | 54,313 | 1,852 | 19,905 |
| November | 1,391 | 22,660 | 4,106 | 64,515 | 1,809 | 23,038 |
| December | 4,576 | 21,460 | 4,379 | 106,194 | 1,986 | 27,294 |
| **1988 Total** | **34,976** | **295,304** | **114,043** | **866,921** | **27,688** | **257,060** |

See footnotes at end of table.

# Table 41. Refiner Motor Gasoline Volumes by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | | Unleaded Regular | | Premium | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **New Mexico** | | | | | | |
| January | 1,902 | 18,955 | 4,037 | 30,860 | 768 | 3,487 |
| February | 1,844 | 18,865 | 3,959 | 31,142 | 781 | 3,498 |
| March | 2,086 | 22,169 | 4,395 | 33,727 | 875 | 4,136 |
| April | 2,023 | 20,876 | 4,281 | 31,877 | 873 | 4,242 |
| May | 2,047 | 21,904 | 4,413 | 32,970 | 915 | 4,197 |
| June | 2,027 | 21,081 | 4,408 | 33,989 | 975 | 4,795 |
| July | 2,010 | 20,510 | 4,588 | 35,248 | 1,114 | 5,494 |
| August | 1,864 | 21,880 | 4,474 | 38,774 | 1,022 | 5,763 |
| September | 1,769 | 19,146 | 4,138 | 32,806 | 916 | 4,798 |
| October | 1,843 | 20,686 | 4,519 | 35,384 | 1,012 | 4,919 |
| November | 1,815 | 19,263 | 4,543 | 33,201 | 1,023 | 4,635 |
| December | 1,701 | 17,768 | 4,690 | 34,257 | 1,080 | 4,998 |
| **1988 Total** | **22,931** | **243,103** | **52,445** | **404,235** | **11,354** | **54,962** |
| **Texas** | | | | | | |
| January | 35,752 | 159,059 | 125,671 | 540,773 | 55,939 | 123,358 |
| February | 34,549 | 155,732 | 116,994 | 543,537 | 52,427 | 133,820 |
| March | 40,959 | 184,235 | 118,160 | 600,473 | 59,945 | 184,682 |
| April | 39,660 | 165,287 | 128,676 | 591,130 | 61,184 | 170,005 |
| May | 34,729 | 169,725 | 122,759 | 561,986 | 60,913 | 173,521 |
| June | 33,565 | 163,730 | 121,063 | 648,384 | 61,274 | 207,145 |
| July | 33,484 | 140,932 | 136,262 | 621,151 | 64,795 | 153,602 |
| August | 30,017 | 141,698 | 132,399 | 654,313 | 62,231 | 149,256 |
| September | 27,552 | 136,200 | 123,124 | 567,553 | 59,418 | 143,854 |
| October | 27,289 | 127,790 | 133,500 | 619,912 | 61,770 | 128,750 |
| November | 25,756 | 128,958 | 118,629 | 575,098 | 58,242 | 140,521 |
| December | 26,580 | 139,069 | 128,354 | 572,658 | 65,923 | 157,908 |
| **1988 Total** | **389,892** | **1,812,415** | **1,505,591** | **7,096,968** | **724,061** | **1,866,422** |
| **PAD District IV Total** | | | | | | |
| January | 15,563 | 73,802 | 33,127 | 107,252 | 7,686 | 18,663 |
| February | 14,434 | 72,885 | 32,229 | 109,293 | 7,422 | 18,705 |
| March | 15,562 | 89,463 | 34,957 | 130,723 | 8,144 | 21,911 |
| April | 15,813 | 82,803 | 34,180 | 120,312 | 8,189 | 20,666 |
| May | 16,093 | 93,526 | 35,278 | 128,954 | 8,408 | 21,637 |
| June | 16,034 | 102,029 | 35,316 | 143,752 | 8,878 | 27,303 |
| July | 17,099 | 107,359 | 36,740 | 152,437 | 9,825 | 29,816 |
| August | 16,678 | 102,182 | 35,884 | 152,326 | 9,833 | 30,817 |
| September | 15,668 | 88,141 | 33,943 | 126,659 | 9,460 | 27,351 |
| October | 16,168 | 85,283 | 34,914 | 123,206 | 9,834 | 24,984 |
| November | 14,932 | 77,242 | 34,145 | 123,294 | 10,027 | 25,091 |
| December | 15,085 | 72,578 | 36,406 | 126,119 | 11,577 | 26,179 |
| **1988 Total** | **189,129** | **1,047,293** | **417,119** | **1,544,327** | **109,283** | **293,123** |
| **Colorado** | | | | | | |
| January | 10,439 | 25,291 | 24,090 | 44,467 | 5,454 | 9,554 |
| February | 9,612 | 24,093 | 23,424 | 43,755 | 5,228 | 9,135 |
| March | 10,232 | 28,953 | 25,198 | 52,918 | 5,676 | 10,472 |
| April | 10,509 | 28,541 | 24,799 | 47,689 | 5,676 | 9,682 |
| May | 10,482 | 31,012 | 25,774 | 50,486 | 5,877 | 9,946 |
| June | 10,409 | 33,282 | 25,467 | 53,963 | 6,311 | 11,951 |
| July | 11,262 | 33,651 | 26,598 | 57,408 | 7,036 | 12,642 |
| August | 11,192 | 33,234 | 25,891 | 57,847 | 7,135 | 13,713 |
| September | 10,556 | 28,720 | 24,652 | 48,189 | 6,930 | 11,611 |
| October | 10,829 | 26,857 | 25,440 | 46,356 | 7,185 | 11,519 |
| November | 9,816 | 24,910 | 24,482 | 48,029 | 7,295 | 11,271 |
| December | 10,152 | 24,394 | 26,460 | 49,599 | 8,256 | 12,195 |
| **1988 Total** | **125,490** | **342,938** | **302,275** | **600,706** | **78,059** | **133,691** |

See footnotes at end of table.

# Table 41. Refiner Motor Gasoline Volumes by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | | Unleaded Regular | | Premium | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Idaho** | | | | | | |
| January | 548 | 11,783 | 836 | 13,617 | 131 | 1,309 |
| February | 517 | 12,401 | 831 | 15,078 | 122 | 1,371 |
| March | 598 | 18,298 | 1,005 | 19,340 | 128 | 1,923 |
| April | 597 | 13,311 | 892 | 15,669 | 169 | 1,393 |
| May | 604 | 15,501 | 896 | 17,698 | 191 | 1,758 |
| June | 586 | 16,602 | 940 | 19,444 | 124 | 2,424 |
| July | 624 | 18,362 | 914 | 20,152 | W | 2,381 |
| August | 549 | 18,614 | 899 | 21,127 | W | 2,542 |
| September | 555 | 16,504 | 831 | 17,716 | 107 | 2,140 |
| October | 504 | 15,466 | 827 | 17,041 | 124 | 2,033 |
| November | 443 | 13,043 | 811 | 16,894 | 104 | 2,131 |
| December | 470 | 12,295 | 832 | 17,355 | 116 | 2,109 |
| **1988 Total** | **6,595** | **182,180** | **10,514** | **211,131** | **1,564** | **23,514** |
| **Montana** | | | | | | |
| January | 858 | 13,139 | 1,068 | 13,926 | W | 2,454 |
| February | 769 | 13,161 | 986 | 13,781 | W | 2,725 |
| March | 876 | 14,694 | 1,158 | 16,019 | W | 2,985 |
| April | 930 | 13,827 | 1,272 | 16,172 | W | 2,944 |
| May | 1,089 | 15,197 | 1,404 | 17,111 | W | 3,118 |
| June | 1,164 | 17,945 | 1,569 | 19,884 | W | 3,862 |
| July | 1,211 | 19,996 | 1,710 | 22,402 | W | 4,195 |
| August | 1,124 | 18,343 | 1,644 | 21,842 | W | 4,209 |
| September | 1,008 | 14,783 | 1,510 | 17,492 | W | 3,388 |
| October | 1,077 | 14,886 | 1,558 | 17,457 | W | 3,248 |
| November | 1,004 | 14,284 | 1,549 | 17,157 | W | 3,413 |
| December | 920 | 12,437 | 1,553 | 16,704 | W | 3,413 |
| **1988 Total** | **12,030** | **182,692** | **16,981** | **209,947** | W | **39,954** |
| **Utah** | | | | | | |
| January | 3,509 | 16,239 | 6,723 | 25,809 | 1,615 | 4,102 |
| February | 3,329 | 16,128 | 6,557 | 27,242 | 1,602 | 4,217 |
| March | 3,646 | 19,567 | 7,121 | 32,095 | 1,794 | 5,056 |
| April | 3,549 | 18,970 | 6,751 | 29,882 | 1,771 | 5,228 |
| May | 3,668 | 22,481 | 6,761 | 31,825 | 1,696 | 5,032 |
| June | 3,627 | 23,184 | 6,870 | 35,231 | 1,795 | 6,106 |
| July | 3,706 | 24,177 | 6,985 | 37,090 | 1,980 | 7,267 |
| August | 3,528 | 21,885 | 6,939 | 36,752 | 1,913 | 7,032 |
| September | 3,337 | 19,100 | 6,457 | 30,599 | 1,821 | 6,265 |
| October | 3,546 | 19,288 | 6,686 | 30,783 | 1,906 | 5,615 |
| November | 3,463 | 16,531 | 6,892 | 28,621 | 2,037 | 5,780 |
| December | 3,339 | 15,896 | 7,092 | 30,554 | 2,549 | 6,049 |
| **1988 Total** | **42,247** | **233,446** | **81,834** | **376,483** | **22,479** | **67,749** |
| **Wyoming** | | | | | | |
| January | 209 | 7,350 | 410 | 9,433 | W | 1,244 |
| February | 207 | 7,102 | 431 | 9,437 | W | 1,257 |
| March | 210 | 7,951 | 475 | 10,351 | W | 1,475 |
| April | 228 | 8,154 | 466 | 10,900 | W | 1,419 |
| May | 250 | 9,335 | 443 | 11,834 | W | 1,783 |
| June | 248 | 11,016 | 470 | 15,230 | W | 2,960 |
| July | 296 | 11,173 | 533 | 15,385 | 95 | 3,331 |
| August | 285 | 10,106 | 511 | 14,758 | 95 | 3,321 |
| September | 212 | 9,034 | 493 | 12,663 | W | 3,947 |
| October | 212 | 8,786 | 403 | 11,569 | W | 2,569 |
| November | 206 | 8,474 | 411 | 12,593 | W | 2,496 |
| December | 204 | 7,556 | 469 | 11,907 | W | 2,413 |
| **1988 Total** | **2,767** | **106,037** | **5,515** | **146,060** | W | **28,215** |

See footnotes at end of table.

# Table 41. Refiner Motor Gasoline Volumes by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | | Unleaded Regular | | Premium | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **PAD District V Total** | | | | | | |
| January | 66,747 | 314,041 | 153,868 | 729,492 | 48,021 | 283,417 |
| February | 60,976 | 313,872 | 155,813 | 703,321 | 50,358 | 284,473 |
| March | 67,272 | 339,987 | 169,068 | 759,099 | 55,755 | 311,794 |
| April | 61,719 | 319,524 | 152,060 | 721,340 | 49,379 | 308,941 |
| May | 59,329 | 331,439 | 146,605 | 756,525 | 51,159 | 333,583 |
| June | 61,082 | 332,949 | 153,421 | 759,719 | 52,607 | 333,743 |
| July | 60,538 | 332,902 | 154,822 | 808,846 | 52,158 | 336,434 |
| August | 61,813 | 349,168 | 164,754 | 807,280 | 53,270 | 350,033 |
| September | 61,727 | 306,788 | 163,028 | 752,171 | 53,880 | 329,291 |
| October | 59,757 | 305,764 | 157,699 | 744,743 | 53,366 | 341,441 |
| November | 56,196 | 285,484 | 159,124 | 745,375 | 52,991 | 328,403 |
| December | 60,038 | 282,462 | 173,814 | 758,398 | 59,348 | 347,940 |
| **1988 Total** | **737,194** | **3,814,380** | **1,904,076** | **9,046,309** | **632,292** | **3,889,493** |
| **Alaska** | | | | | | |
| January | 986 | 3,663 | 622 | 8,036 | W | 1,103 |
| February | 184 | 3,742 | 622 | 13,499 | W | 994 |
| March | 221 | 4,052 | 707 | 9,176 | W | 1,168 |
| April | 271 | 4,367 | 660 | 8,706 | W | 1,084 |
| May | 305 | 5,598 | 756 | 9,783 | W | 1,427 |
| June | 686 | 6,733 | 1,782 | 10,259 | W | 1,398 |
| July | 593 | 9,667 | 699 | 12,074 | W | 1,509 |
| August | 343 | 8,342 | 711 | 12,972 | W | 1,570 |
| September | 721 | 4,363 | 1,121 | 10,226 | W | 1,280 |
| October | 825 | 4,125 | 1,652 | 9,046 | W | 1,338 |
| November | 338 | 3,384 | 869 | 8,655 | W | 1,143 |
| December | 247 | 3,368 | 1,119 | 8,873 | W | 1,198 |
| **1988 Total** | **5,720** | **61,404** | **11,320** | **121,305** | W | **15,212** |
| **Arizona** | | | | | | |
| January | 5,388 | 33,627 | 14,185 | 60,387 | 4,257 | 14,542 |
| February | 5,458 | 33,236 | 14,191 | 58,950 | 4,228 | 13,825 |
| March | 5,923 | 37,740 | 15,577 | 67,335 | 4,740 | 16,193 |
| April | 5,265 | 34,435 | 13,669 | 62,910 | 4,382 | 16,085 |
| May | 5,174 | 34,551 | 13,499 | 65,068 | 4,583 | 17,798 |
| June | 5,170 | 32,397 | 14,312 | 63,060 | 4,832 | 16,810 |
| July | 4,424 | 32,819 | 13,371 | 66,065 | 4,577 | 18,831 |
| August | 4,696 | 34,278 | 14,162 | 68,803 | 4,753 | 18,836 |
| September | 5,030 | 29,759 | 14,350 | 61,060 | 5,066 | 16,667 |
| October | 4,857 | 29,616 | 13,874 | 61,316 | 5,124 | 17,479 |
| November | 4,925 | 29,745 | 14,163 | 62,052 | 5,012 | 16,888 |
| December | 5,393 | 30,252 | 15,635 | 65,421 | 5,439 | 17,523 |
| **1988 Total** | **61,703** | **392,455** | **170,988** | **762,427** | **56,993** | **201,477** |
| **California** | | | | | | |
| January | 42,622 | 191,263 | 109,183 | 529,526 | 33,761 | 221,894 |
| February | 37,799 | 187,259 | 111,407 | 492,332 | 36,030 | 221,538 |
| March | 40,936 | 192,209 | 118,955 | 523,553 | 39,457 | 239,800 |
| April | 37,125 | 177,547 | 106,298 | 497,883 | 34,111 | 237,464 |
| May | 34,554 | 181,353 | 100,383 | 521,509 | 35,320 | 256,172 |
| June | 35,196 | 180,654 | 103,854 | 519,881 | 36,268 | 253,193 |
| July | 36,005 | 171,109 | 107,842 | 559,104 | 36,046 | 252,251 |
| August | 37,111 | 182,545 | 115,413 | 547,738 | 36,894 | 262,674 |
| September | 36,338 | 167,475 | 113,558 | 521,479 | 37,034 | 249,936 |
| October | 35,476 | 170,217 | 109,333 | 518,224 | 36,625 | 262,380 |
| November | 33,919 | 161,361 | 111,379 | 524,169 | 36,747 | 252,805 |
| December | 36,211 | 162,005 | 120,762 | 518,139 | 41,472 | 268,576 |
| **1988 Total** | **443,292** | **2,124,997** | **1,328,367** | **6,273,537** | **439,765** | **2,978,683** |

See footnotes at end of table.

# Table 41. Refiner Motor Gasoline Volumes by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | | Unleaded Regular | | Premium | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Hawaii** | | | | | | |
| January | 621 | 2,288 | 3,313 | 11,275 | W | 7,903 |
| February | 634 | 2,358 | 3,389 | 11,618 | W | 8,175 |
| March | 670 | 2,401 | 3,600 | 12,397 | W | 8,876 |
| April | 636 | 2,266 | 3,607 | 11,297 | W | 8,387 |
| May | 666 | 2,333 | 3,922 | 11,920 | W | 8,966 |
| June | 654 | 2,175 | 3,814 | 11,489 | W | 8,659 |
| July | 661 | 2,133 | 4,055 | 11,456 | W | 9,200 |
| August | 581 | 2,190 | 4,200 | 12,159 | W | 9,797 |
| September | 531 | 2,086 | 3,515 | 11,205 | W | 9,563 |
| October | 616 | 1,993 | 3,806 | 11,077 | W | 9,582 |
| November | 522 | 1,930 | 3,790 | 10,606 | W | 9,144 |
| December | 553 | 1,931 | 3,999 | 11,370 | W | 9,852 |
| **1988 Total** | **7,345** | **26,084** | **45,010** | **137,869** | W | **108,104** |
| **Nevada** | | | | | | |
| January | 2,884 | 11,203 | 5,892 | 21,724 | 1,173 | 4,896 |
| February | 2,846 | 11,268 | 5,731 | 20,335 | 1,135 | 5,001 |
| March | 3,226 | 12,984 | 6,461 | 23,269 | 1,311 | 5,657 |
| April | 2,877 | 11,445 | 5,742 | 22,225 | 1,112 | 5,519 |
| May | 2,821 | 12,641 | 5,730 | 23,704 | 1,102 | 6,199 |
| June | 2,970 | 13,214 | 5,952 | 24,366 | 1,248 | 6,591 |
| July | 2,570 | 12,595 | 5,441 | 26,686 | 1,041 | 7,391 |
| August | 2,756 | 13,311 | 6,083 | 26,876 | 1,164 | 8,007 |
| September | 3,091 | 12,099 | 6,493 | 24,481 | 1,326 | 7,373 |
| October | 3,038 | 12,568 | 6,021 | 23,904 | 1,211 | 6,853 |
| November | 2,830 | 11,326 | 6,121 | 23,219 | 1,194 | 6,415 |
| December | 2,935 | 9,856 | 6,876 | 21,371 | 1,401 | 6,819 |
| **1988 Total** | **34,844** | **144,510** | **72,543** | **282,160** | **14,418** | **76,721** |
| **Oregon** | | | | | | |
| January | 2,850 | 29,725 | 4,769 | 40,039 | 1,128 | 11,324 |
| February | 2,791 | 33,420 | 4,699 | 43,560 | 1,169 | 12,753 |
| March | 3,367 | 39,213 | 5,382 | 50,283 | 1,350 | 13,874 |
| April | 3,146 | 37,842 | 4,920 | 48,713 | 1,258 | 14,207 |
| May | 3,201 | 39,324 | 4,992 | 51,253 | 1,311 | 14,945 |
| June | 3,382 | 42,246 | 5,425 | 54,253 | 1,373 | 16,685 |
| July | 3,403 | 43,967 | 5,402 | 55,622 | 1,439 | 17,130 |
| August | 3,506 | 46,905 | 5,600 | 59,453 | 1,542 | 18,423 |
| September | 3,338 | 38,798 | 5,383 | 51,790 | 1,506 | 16,060 |
| October | 3,061 | 37,185 | 5,085 | 49,442 | 1,400 | 15,054 |
| November | 2,766 | 32,042 | 5,118 | 47,486 | 1,372 | 14,388 |
| December | 3,158 | 31,527 | 5,973 | 49,836 | W | 15,575 |
| **1988 Total** | **37,969** | **452,194** | **62,748** | **601,730** | W | **180,418** |
| **Washington** | | | | | | |
| January | 11,396 | 42,272 | 15,904 | 58,505 | 6,180 | 21,755 |
| February | 11,264 | 42,589 | 15,774 | 63,027 | 6,255 | 22,187 |
| March | 12,929 | 51,388 | 18,386 | 73,086 | 7,189 | 26,226 |
| April | 12,399 | 51,622 | 17,164 | 69,606 | 6,765 | 26,195 |
| May | 12,608 | 55,639 | 17,323 | 73,288 | 7,024 | 28,076 |
| June | 13,024 | 55,530 | 18,282 | 76,411 | 7,143 | 30,407 |
| July | 12,882 | 60,612 | 18,012 | 77,839 | 7,229 | 30,122 |
| August | 12,820 | 61,597 | 18,585 | 79,279 | 7,307 | 30,726 |
| September | 12,678 | 52,208 | 18,608 | 71,930 | 7,355 | 28,412 |
| October | 11,884 | 50,060 | 17,928 | 71,734 | 7,166 | 28,755 |
| November | 10,896 | 45,696 | 17,684 | 69,188 | 6,842 | 27,620 |
| December | 11,541 | 43,523 | 19,450 | 83,388 | 7,532 | 28,397 |
| **1988 Total** | **146,321** | **612,736** | **213,100** | **867,281** | **83,987** | **328,878** |

Dashes (-) = No data reported.
W = Withheld to avoid disclosure of individual company data.
Note: Totals may not equal the sum of components due to rounding.
Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

# Table 42. Refiner Volumes of Aviation Fuels and Propane
(Thousand Gallons)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **U.S. Total** | | | | | | |
| January | 5,061 | 14,370 | 1,089,338 | 362,444 | 208,317 | 1,160,737 |
| February | 5,358 | 17,899 | 1,101,852 | 301,120 | 192,411 | 991,457 |
| March | 6,366 | 21,632 | 1,185,419 | 330,338 | 154,286 | 884,415 |
| April | 6,492 | 21,096 | 1,120,016 | 291,806 | 112,018 | 640,389 |
| May | 7,374 | 23,716 | 1,171,831 | 289,100 | 101,485 | 641,167 |
| June | 9,155 | 26,540 | 1,137,652 | 303,892 | 77,553 | 644,636 |
| July | 7,893 | 30,175 | 1,208,193 | 350,002 | 68,019 | 677,228 |
| August | 8,670 | 30,585 | 1,242,963 | 289,273 | 80,179 | 775,944 |
| September | 7,326 | 25,142 | 1,172,003 | 318,726 | 101,325 | 823,966 |
| October | 6,873 | 21,040 | 1,225,397 | 282,636 | 141,020 | 897,073 |
| November | 6,160 | 19,013 | 1,140,781 | 254,497 | 144,827 | 851,124 |
| December | 5,954 | 16,989 | 1,203,025 | 273,982 | 176,072 | 1,146,551 |
| **1988 Total** | **82,683** | **268,196** | **13,998,469** | **3,647,816** | **1,557,512** | **10,134,687** |
| **PAD District I Total** | | | | | | |
| January | 2,183 | 3,329 | 366,755 | 39,909 | 73,808 | 189,344 |
| February | 2,521 | 4,034 | 366,196 | 40,344 | 75,009 | 150,529 |
| March | 2,887 | 4,984 | 392,948 | 46,404 | 60,530 | 127,802 |
| April | 2,982 | 5,091 | 389,315 | 38,182 | 38,098 | 80,613 |
| May | 3,165 | 4,702 | 363,954 | 36,022 | 31,297 | 66,577 |
| June | 4,637 | 5,492 | 376,133 | 41,550 | 28,415 | 67,229 |
| July | 3,144 | 4,807 | 383,053 | 64,860 | 25,902 | 70,493 |
| August | 3,493 | 5,326 | 399,294 | 49,363 | 30,868 | 100,808 |
| September | 3,117 | 4,707 | 364,087 | 40,855 | 39,498 | 101,889 |
| October | 3,049 | 4,668 | 385,888 | 33,736 | 54,288 | 121,197 |
| November | 3,027 | 4,398 | 380,372 | 41,728 | 53,581 | 126,068 |
| December | 2,711 | 3,977 | 394,669 | 40,831 | 70,808 | 175,757 |
| **1988 Total** | **36,916** | **55,516** | **4,562,664** | **513,784** | **582,102** | **1,378,306** |
| **Subdistrict IA Total** | | | | | | |
| January | W | 325 | 44,774 | 965 | 11,296 | 17,590 |
| February | W | 432 | 31,444 | 1,316 | 11,485 | 9,537 |
| March | W | 579 | 37,734 | 1,298 | W | 9,160 |
| April | W | 586 | 33,028 | 699 | W | 6,190 |
| May | 453 | 680 | 32,773 | 1,290 | W | 6,146 |
| June | 574 | 780 | 37,014 | 1,256 | W | 5,944 |
| July | 530 | 759 | 35,969 | 1,125 | W | 7,597 |
| August | W | 628 | 38,191 | 3,797 | W | 6,451 |
| September | W | 742 | 35,741 | 1,264 | W | 5,657 |
| October | W | W | 36,303 | 1,749 | W | 6,005 |
| November | W | 562 | 33,354 | 1,050 | 8,001 | 8,101 |
| December | W | 420 | 32,031 | 1,648 | W | 10,148 |
| **1988 Total** | W | W | **428,356** | **17,457** | W | **98,526** |
| **Connecticut** | | | | | | |
| January | NA | NA | 16,029 | W | 1,549 | 3,520 |
| February | NA | NA | 4,960 | 827 | 1,672 | 3,064 |
| March | NA | NA | 7,316 | 620 | 1,384 | 2,687 |
| April | NA | NA | 5,219 | W | 1,066 | 2,306 |
| May | NA | NA | 5,339 | 609 | 946 | 2,117 |
| June | NA | NA | 5,752 | W | 958 | 2,175 |
| July | NA | NA | 4,553 | W | 748 | 1,693 |
| August | NA | NA | 4,592 | 1,174 | 982 | 1,984 |
| September | NA | NA | 5,164 | 321 | 1,049 | 2,912 |
| October | NA | NA | 5,752 | 1,076 | 992 | 2,062 |
| November | NA | NA | 5,874 | W | 1,100 | 2,678 |
| December | NA | NA | 4,621 | 757 | 1,284 | 2,866 |
| **1988 Total** | NA | NA | **75,171** | **6,748** | **13,730** | **30,064** |

See footnotes at end of table.

# Table 42. Refiner Volumes of Aviation Fuels and Propane (Continued)
(Thousand Gallons)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | 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 | 1,665 | W | W | 428 |
| February | W | W | 1,446 | W | W | 293 |
| March | W | W | 1,707 | W | W | 255 |
| April | W | W | 1,685 | W | W | 239 |
| May | W | W | 1,904 | W | W | 375 |
| June | W | W | 2,321 | W | W | 440 |
| July | W | W | 3,074 | W | W | 247 |
| August | W | W | W | W | W | 207 |
| September | W | W | W | W | W | 211 |
| October | W | W | 2,395 | W | W | W |
| November | W | W | 1,420 | W | W | W |
| December | W | W | 1,501 | W | W | 133 |
| **1988 Total** | W | W | **25,051** | **1,262** | W | W |
| **Massachusetts** | | | | | | |
| January | 136 | 46 | 24,568 | 224 | 2,892 | 9,663 |
| February | 156 | 111 | 22,804 | 389 | 3,025 | 3,708 |
| March | 126 | 120 | 26,456 | 480 | 2,463 | 3,861 |
| April | 158 | 94 | 24,197 | 391 | 1,793 | 2,173 |
| May | 202 | 158 | 23,309 | 570 | 1,668 | 2,494 |
| June | 260 | 171 | 27,050 | 670 | 1,581 | 2,483 |
| July | 257 | 119 | 26,037 | 660 | 1,359 | 721 |
| August | 270 | 193 | 27,806 | 2,116 | 1,582 | 1,734 |
| September | W | 170 | 25,505 | 601 | 1,591 | 1,771 |
| October | W | W | 25,840 | 367 | 1,744 | 2,337 |
| November | W | 128 | 23,742 | 524 | 1,928 | 3,175 |
| December | W | 100 | 23,642 | 579 | 2,367 | 4,102 |
| **1988 Total** | **2,077** | W | **300,956** | **7,571** | **23,993** | **38,222** |
| **New Hampshire** | | | | | | |
| January | NA | NA | W | W | W | 1,301 |
| February | NA | NA | W | W | W | 660 |
| March | NA | NA | W | W | W | 513 |
| April | NA | NA | W | W | W | 531 |
| May | NA | NA | 476 | W | W | 407 |
| June | NA | NA | W | W | W | 163 |
| July | NA | NA | W | W | W | 304 |
| August | NA | NA | W | W | W | W |
| September | NA | NA | 519 | W | W | 122 |
| October | NA | NA | W | W | W | 446 |
| November | NA | NA | 466 | W | W | 575 |
| December | NA | NA | W | W | W | 1,100 |
| **1988 Total** | NA | NA | **5,895** | W | W | W |
| **Rhode Island** | | | | | | |
| January | NA | NA | W | - | W | 2,097 |
| February | NA | NA | W | - | W | 1,321 |
| March | NA | NA | W | - | W | 1,211 |
| April | NA | NA | W | W | W | 694 |
| May | NA | NA | W | W | W | 549 |
| June | NA | NA | W | W | W | 544 |
| July | NA | NA | W | W | W | W |
| August | NA | NA | W | W | W | 685 |
| September | NA | NA | W | W | W | 392 |
| October | NA | NA | W | W | W | W |
| November | NA | NA | W | - | W | W |
| December | NA | NA | W | - | W | 1,189 |
| **1988 Total** | NA | NA | W | W | W | **14,350** |

See footnotes at end of table.

# Table 42. Refiner Volumes of Aviation Fuels and Propane (Continued)
(Thousand Gallons)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Vermont** | | | | | | |
| January | NA | NA | W | - | W | 581 |
| February | NA | NA | W | W | W | 491 |
| March | NA | NA | W | W | W | 633 |
| April | NA | NA | W | W | W | 247 |
| May | NA | NA | W | - | W | 204 |
| June | NA | NA | W | - | W | 139 |
| July | NA | NA | W | W | W | W |
| August | NA | NA | W | W | W | W |
| September | NA | NA | W | W | W | 249 |
| October | NA | NA | W | W | W | 322 |
| November | NA | NA | W | W | W | 674 |
| December | NA | NA | W | 33 | W | 758 |
| **1988 Total** | NA | NA | W | **122** | W | **4,621** |
| **Subdistrict IB Total** | | | | | | |
| January | W | 453 | 147,230 | 31,444 | 27,782 | 62,928 |
| February | W | NA | 153,501 | 28,265 | 26,516 | 54,763 |
| March | W | 902 | 156,788 | 32,870 | W | 48,896 |
| April | W | 792 | 159,912 | 26,005 | W | 35,266 |
| May | 795 | 857 | 153,325 | 26,701 | W | 28,147 |
| June | 1,050 | 1,576 | 164,077 | 30,399 | W | 26,971 |
| July | 870 | 1,115 | 157,586 | 56,750 | W | 24,462 |
| August | W | 1,413 | 164,528 | 36,107 | W | 32,682 |
| September | W | 1,118 | 153,036 | 25,684 | W | 32,060 |
| October | W | W | 157,670 | 24,920 | W | 38,281 |
| November | W | 924 | 144,561 | 30,533 | 16,184 | 44,014 |
| December | W | 726 | 157,605 | 31,928 | W | 51,762 |
| **1988 Total** | W | W | **1,869,819** | **381,606** | W | **480,232** |
| **Delaware** | | | | | | |
| January | NA | NA | W | W | W | W |
| February | NA | NA | W | W | W | W |
| March | NA | NA | W | W | W | W |
| April | NA | NA | W | W | W | 2,293 |
| May | NA | NA | W | W | W | W |
| June | NA | NA | W | W | W | W |
| July | NA | NA | W | W | W | W |
| August | NA | NA | 54 | W | W | W |
| September | NA | NA | W | W | W | W |
| October | NA | NA | W | W | W | W |
| November | NA | NA | 91 | W | W | W |
| December | NA | NA | W | W | W | W |
| **1988 Total** | NA | NA | **692** | W | W | W |
| **District of Columbia** | | | | | | |
| January | NA | NA | - | - | W | - |
| February | NA | NA | - | - | W | - |
| March | NA | NA | - | - | W | - |
| April | NA | NA | - | - | W | - |
| May | NA | NA | - | - | W | - |
| June | NA | NA | - | - | W | - |
| July | NA | NA | - | - | W | - |
| August | NA | NA | - | - | W | - |
| September | NA | NA | - | - | W | - |
| October | NA | NA | - | - | W | - |
| November | NA | NA | - | - | W | - |
| December | NA | NA | - | - | W | - |
| **1988 Total** | NA | NA | - | - | W | - |

See footnotes at end of table.

# Table 42. Refiner Volumes of Aviation Fuels and Propane (Continued)
(Thousand Gallons)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Maryland** | | | | | | |
| January | NA | NA | 8,873 | W | W | W |
| February | NA | NA | 8,261 | W | W | W |
| March | NA | NA | 9,711 | W | W | W |
| April | NA | NA | W | W | 2,827 | 1,238 |
| May | NA | NA | W | W | W | W |
| June | NA | NA | 11,641 | W | W | W |
| July | NA | NA | W | W | W | W |
| August | NA | NA | 12,718 | W | W | W |
| September | NA | NA | W | W | W | W |
| October | NA | NA | 12,303 | W | W | W |
| November | NA | NA | 8,158 | W | W | W |
| December | NA | NA | 11,087 | W | W | W |
| **1988 Total** | NA | NA | **120,848** | W | W | W |
| **New Jersey** | | | | | | |
| January | W | NA | 101,917 | 12,631 | 3,463 | 8,823 |
| February | W | W | 104,158 | 12,308 | 3,447 | 7,538 |
| March | W | W | 104,613 | 23,341 | 2,996 | 7,592 |
| April | W | W | 106,246 | 15,490 | 1,903 | 5,824 |
| May | W | W | 106,234 | 17,095 | 1,869 | 5,108 |
| June | W | W | 112,256 | 14,162 | 2,108 | 4,772 |
| July | W | W | 106,811 | 38,389 | 1,349 | 4,271 |
| August | W | W | 105,604 | 23,456 | NA | 4,838 |
| September | W | W | 102,942 | 17,158 | W | 5,626 |
| October | W | W | 103,608 | 10,656 | NA | 4,943 |
| November | W | W | 97,254 | 18,090 | NA | 5,371 |
| December | W | W | 103,479 | 20,147 | 2,858 | 7,137 |
| **1988 Total** | W | W | **1,255,122** | **222,923** | W | **71,843** |
| **New York** | | | | | | |
| January | W | 91 | W | 720 | 8,789 | 14,145 |
| February | W | 73 | W | 986 | 8,899 | 10,714 |
| March | W | 79 | W | 1,516 | 8,245 | 13,900 |
| April | W | 113 | 10,129 | 2,305 | 4,937 | 11,200 |
| May | W | W | 11,358 | 818 | 4,410 | 7,378 |
| June | W | 215 | W | 751 | 3,658 | 5,885 |
| July | W | W | 13,319 | 1,833 | 3,066 | 4,982 |
| August | W | W | 11,913 | 689 | 3,385 | 5,376 |
| September | W | W | 10,638 | 936 | 4,004 | 5,763 |
| October | W | W | W | 795 | 5,142 | 9,456 |
| November | W | W | 10,619 | 867 | 6,148 | 8,926 |
| December | W | W | W | 760 | 7,844 | 10,205 |
| **1988 Total** | W | **1,121** | **124,443** | **12,976** | **68,527** | **107,930** |
| **Pennsylvania** | | | | | | |
| January | W | 267 | 27,575 | 13,967 | 8,703 | 30,085 |
| February | W | NA | 33,631 | 12,419 | 7,408 | 28,618 |
| March | 186 | 328 | 33,490 | 7,479 | 5,809 | 20,561 |
| April | 254 | 251 | 33,612 | 7,894 | 4,262 | 14,711 |
| May | 252 | 335 | 26,922 | 8,303 | 2,988 | 12,978 |
| June | 321 | 275 | 30,649 | 15,091 | 2,853 | 13,474 |
| July | 286 | 374 | 27,596 | 16,158 | 2,480 | 11,250 |
| August | 280 | 407 | 34,239 | 11,577 | 2,740 | 16,393 |
| September | 245 | 379 | 29,739 | 7,254 | 2,817 | 13,749 |
| October | W | 312 | 30,595 | 13,019 | 3,318 | 17,395 |
| November | W | 299 | 28,439 | 11,276 | 4,241 | 20,689 |
| December | 214 | 231 | 32,227 | 10,593 | 6,042 | 25,160 |
| **1988 Total** | **2,828** | **4,344** | **368,714** | **135,030** | **53,661** | **225,063** |

See footnotes at end of table.

# Table 42. Refiner Volumes of Aviation Fuels and Propane (Continued)
(Thousand Gallons)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Subdistrict IC Total** | | | | | | |
| January | 1,322 | 2,551 | 174,751 | 7,500 | 34,730 | 108,826 |
| February | 1,552 | 2,515 | 181,251 | 10,763 | 37,008 | 86,229 |
| March | 1,825 | 3,503 | 198,426 | 12,237 | 27,490 | 69,746 |
| April | 1,826 | 3,713 | 196,375 | 11,478 | 16,093 | 39,157 |
| May | 1,917 | 3,165 | 177,856 | 8,031 | 13,204 | 32,284 |
| June | 3,013 | 3,136 | 175,042 | 9,895 | 12,374 | 34,314 |
| July | 1,744 | 2,933 | 189,498 | 6,985 | 12,291 | 38,434 |
| August | 1,945 | 3,285 | 196,575 | 9,459 | 15,967 | 61,675 |
| September | 1,736 | 2,847 | 175,310 | 13,907 | 18,633 | 64,172 |
| October | 1,893 | 3,051 | 191,915 | 7,067 | 29,820 | 76,911 |
| November | 1,893 | 2,912 | 202,457 | 10,145 | 29,396 | 73,953 |
| December | 1,696 | 2,831 | 205,033 | 7,255 | 38,070 | 113,847 |
| **1988 Total** | **22,362** | **36,442** | **2,264,489** | **114,722** | **285,076** | **799,548** |
| **Florida** | | | | | | |
| January | 850 | 1,401 | 68,156 | 3,377 | 9,834 | 34,275 |
| February | 904 | 1,326 | 71,796 | 6,344 | 11,780 | 29,969 |
| March | 1,098 | 1,878 | 82,209 | 6,665 | 9,707 | 25,958 |
| April | 1,046 | 2,185 | 73,590 | 6,560 | 6,504 | 18,285 |
| May | 1,153 | 1,481 | 64,577 | 2,797 | 5,462 | 14,047 |
| June | 2,194 | 1,456 | 57,128 | 4,475 | 4,989 | 12,747 |
| July | 1,081 | 1,380 | 81,985 | 2,396 | 4,435 | 12,782 |
| August | 1,068 | 1,415 | 73,778 | 3,077 | 4,658 | 13,551 |
| September | 965 | 1,132 | 66,789 | 7,863 | 4,403 | 15,194 |
| October | 1,100 | 1,409 | 70,895 | 2,697 | 7,633 | 16,956 |
| November | 1,175 | 1,533 | 78,353 | 5,339 | 9,257 | 19,494 |
| December | 1,116 | 1,383 | 86,141 | 3,169 | 11,774 | 31,628 |
| **1988 Total** | **13,750** | **17,979** | **875,397** | **54,759** | **90,436** | **244,886** |
| **Georgia** | | | | | | |
| January | 143 | 428 | 51,989 | 1,667 | 8,484 | 28,368 |
| February | 181 | 475 | 50,252 | 1,918 | 8,320 | 18,051 |
| March | 198 | 538 | 57,840 | 2,256 | 5,143 | 15,071 |
| April | 226 | 533 | 62,090 | 2,139 | 2,284 | 6,878 |
| May | 191 | 568 | 57,693 | 2,292 | 1,787 | 5,382 |
| June | 205 | 586 | 60,718 | 2,440 | 1,906 | 4,934 |
| July | 161 | 636 | 54,839 | 1,733 | 1,977 | 5,043 |
| August | 221 | 740 | 60,808 | 1,962 | 3,120 | 8,174 |
| September | 288 | 674 | 55,096 | 1,995 | 4,131 | 9,483 |
| October | 225 | 578 | 58,787 | 1,987 | 5,741 | 18,651 |
| November | 156 | 462 | 62,356 | 2,148 | 4,578 | 16,208 |
| December | W | 493 | 55,749 | 1,732 | 6,033 | 24,492 |
| **1988 Total** | W | **6,711** | **688,217** | **24,269** | **53,504** | **160,735** |
| **North Carolina** | | | | | | |
| January | W | 525 | 15,027 | 432 | 7,331 | 25,952 |
| February | W | 486 | 17,846 | 504 | 7,378 | 20,302 |
| March | W | 707 | 17,348 | 607 | 5,440 | 16,572 |
| April | W | 697 | 21,735 | 569 | 3,016 | 7,148 |
| May | W | 766 | 18,207 | 534 | 2,483 | 6,429 |
| June | W | 728 | 17,327 | 520 | 2,266 | 9,179 |
| July | W | 625 | 13,183 | 409 | 2,973 | 12,935 |
| August | W | 820 | 19,831 | 2,595 | 4,490 | 25,117 |
| September | W | 725 | 17,845 | 2,032 | 5,073 | 24,885 |
| October | W | 784 | 17,963 | 477 | 9,679 | 23,132 |
| November | 133 | 650 | 17,821 | 506 | 8,879 | 18,058 |
| December | W | 670 | 18,956 | 481 | 11,214 | 30,741 |
| **1988 Total** | W | **8,183** | **213,089** | **9,666** | **70,222** | **220,450** |

See footnotes at end of table.

# Table 42. Refiner Volumes of Aviation Fuels and Propane (Continued)
(Thousand Gallons)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | 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 | 135 | 2,172 | W | 4,197 | 12,943 |
| February | W | 187 | 2,124 | 336 | 4,444 | 9,908 |
| March | W | 306 | 2,259 | 297 | 3,171 | 6,809 |
| April | W | 232 | 2,061 | 341 | 1,606 | 3,141 |
| May | W | 292 | 2,515 | 349 | W | 2,628 |
| June | W | W | 2,196 | W | W | 3,548 |
| July | W | 210 | 2,198 | W | W | 4,120 |
| August | W | 252 | 2,096 | W | W | W |
| September | W | 249 | 1,822 | W | W | 5,876 |
| October | W | W | 2,182 | W | W | 10,017 |
| November | W | 191 | 2,380 | 439 | W | 12,336 |
| December | W | 175 | 1,985 | W | 4,419 | 18,526 |
| **1988 Total** | W | **2,709** | **25,990** | **4,058** | **31,287** | W |
| **Virginia** | | | | | | |
| January | W | W | 36,974 | 1,719 | 4,558 | 6,787 |
| February | W | W | 38,774 | 1,570 | 4,827 | 7,381 |
| March | W | W | 38,287 | 2,337 | 3,796 | 4,911 |
| April | W | W | 36,342 | 1,771 | 2,564 | 3,468 |
| May | W | W | 34,300 | 1,984 | 1,992 | 3,612 |
| June | W | W | 36,961 | 2,055 | 1,986 | 3,731 |
| July | W | W | 36,730 | 2,005 | 1,584 | 3,395 |
| August | W | W | 39,479 | 1,414 | 2,011 | 7,354 |
| September | W | W | 33,136 | 1,606 | 2,892 | 8,438 |
| October | W | 93 | 41,543 | 1,543 | 3,556 | 7,739 |
| November | W | 76 | 40,973 | 1,651 | 3,574 | 7,329 |
| December | W | W | 41,727 | 1,517 | W | 7,728 |
| **1988 Total** | W | **704** | **455,226** | **21,172** | W | **71,873** |
| **West Virginia** | | | | | | |
| January | W | W | 433 | W | 326 | 501 |
| February | W | W | 459 | 91 | 259 | 618 |
| March | W | W | 483 | 75 | 233 | 425 |
| April | W | W | 557 | 98 | 119 | 237 |
| May | W | W | 564 | 75 | W | 186 |
| June | W | - | 712 | W | W | 175 |
| July | W | W | 563 | W | W | 159 |
| August | W | W | 583 | W | W | W |
| September | W | W | 622 | W | W | 296 |
| October | W | W | 545 | W | W | 416 |
| November | W | - | 574 | 62 | W | 528 |
| December | W | W | 475 | W | W | 732 |
| **1988 Total** | W | **156** | **6,570** | **798** | W | W |
| **PAD District II Total** | | | | | | |
| January | 1,031 | 4,188 | 175,755 | 39,413 | 63,982 | 385,114 |
| February | 877 | 4,369 | 173,721 | 33,461 | 61,449 | 340,770 |
| March | 1,228 | 5,920 | 187,311 | 32,827 | 44,567 | 275,447 |
| April | 1,222 | 6,113 | 189,661 | 29,235 | 26,324 | 171,349 |
| May | 1,337 | 7,154 | 192,847 | 25,484 | 18,452 | 165,777 |
| June | 1,590 | 8,509 | 182,950 | 31,876 | 16,948 | 179,879 |
| July | 1,270 | 8,590 | 186,652 | 26,115 | 14,456 | 185,836 |
| August | 1,360 | 8,290 | 204,888 | 30,544 | 19,144 | 223,480 |
| September | 1,387 | 7,143 | 189,975 | 28,715 | 28,729 | 291,045 |
| October | 1,353 | 6,898 | 187,097 | 26,823 | 45,086 | 331,029 |
| November | 1,109 | 5,876 | 178,261 | 26,537 | 49,812 | 307,000 |
| December | 1,031 | 5,470 | 198,604 | 30,160 | 53,131 | 413,664 |
| **1988 Total** | **14,795** | **78,521** | **2,247,721** | **361,190** | **442,081** | **3,270,390** |

See footnotes at end of table.

# Table 42. Refiner Volumes of Aviation Fuels and Propane (Continued)
(Thousand Gallons)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Illinois** | | | | | | |
| January | 25 | 267 | 10,063 | 2,125 | 3,924 | 48,884 |
| February | W | 329 | 7,215 | 1,869 | 3,869 | 45,263 |
| March | W | 528 | 8,200 | 1,315 | 2,786 | 39,292 |
| April | W | 453 | 10,082 | 1,195 | 1,815 | 16,908 |
| May | W | 471 | 13,968 | 1,346 | 1,711 | 17,699 |
| June | W | 532 | 11,904 | 2,130 | 1,432 | 18,411 |
| July | W | 820 | 17,483 | 1,091 | 1,286 | 16,101 |
| August | W | 695 | 20,123 | 1,498 | 1,740 | 21,041 |
| September | W | 629 | 18,422 | 1,565 | 2,578 | 40,693 |
| October | W | 566 | 18,780 | 1,815 | 3,187 | 42,448 |
| November | W | 470 | 15,536 | 1,711 | 2,979 | 38,729 |
| December | W | 371 | 18,217 | 1,937 | 3,865 | 54,094 |
| **1988 Total** | **298** | **6,131** | **169,993** | **19,597** | **31,172** | **399,563** |
| **Indiana** | | | | | | |
| January | W | 877 | 29,185 | 16,271 | 7,659 | 19,551 |
| February | W | 1,058 | 36,253 | 10,553 | 6,817 | 15,804 |
| March | W | 1,122 | 37,455 | 9,541 | 4,700 | 14,857 |
| April | W | 1,057 | 49,013 | 12,246 | 2,547 | 11,788 |
| May | 13 | 1,440 | 42,962 | 8,648 | 1,775 | 8,830 |
| June | W | 1,717 | 37,275 | 11,124 | 1,379 | 9,833 |
| July | W | 1,448 | 41,823 | 6,364 | 1,446 | 6,706 |
| August | W | 1,609 | 42,071 | 9,596 | 1,997 | 10,245 |
| September | W | 1,406 | 39,973 | 10,032 | 3,142 | 17,257 |
| October | W | 1,329 | 45,318 | 7,608 | W | 24,315 |
| November | 35 | 1,076 | 41,822 | 8,972 | 5,751 | 19,351 |
| December | W | 1,002 | 47,807 | 10,956 | W | 15,900 |
| **1988 Total** | **390** | **15,141** | **490,957** | **121,911** | **47,999** | **174,437** |
| **Iowa** | | | | | | |
| January | NA | NA | 1,367 | 867 | 392 | 14,805 |
| February | NA | NA | 1,297 | W | 394 | 11,651 |
| March | NA | NA | 1,224 | 546 | 279 | 7,478 |
| April | NA | NA | 1,010 | 542 | 134 | 4,206 |
| May | NA | NA | 942 | 501 | 100 | 1,997 |
| June | NA | NA | 1,084 | 867 | 87 | 2,075 |
| July | NA | NA | 1,065 | 719 | 70 | 3,533 |
| August | NA | NA | 1,219 | 591 | 92 | 5,836 |
| September | NA | NA | 1,196 | 560 | 199 | 12,669 |
| October | NA | NA | 1,424 | 661 | 271 | 11,527 |
| November | NA | NA | 1,324 | 702 | 285 | 9,716 |
| December | NA | NA | 1,397 | 958 | 349 | 13,786 |
| **1988 Total** | NA | NA | **14,549** | W | **2,652** | **99,279** |
| **Kansas** | | | | | | |
| January | NA | NA | 7,798 | 3,421 | W | 105,139 |
| February | NA | NA | 10,012 | 3,026 | W | 101,569 |
| March | NA | NA | 9,796 | 2,705 | W | 90,540 |
| April | NA | NA | 7,410 | 2,682 | W | 60,329 |
| May | NA | NA | 10,342 | 2,574 | W | 69,386 |
| June | NA | NA | 7,533 | 4,187 | W | 71,141 |
| July | NA | NA | 6,785 | 3,315 | W | 86,493 |
| August | NA | NA | 7,485 | 4,002 | W | 85,993 |
| September | NA | NA | 7,181 | 2,939 | W | 94,666 |
| October | NA | NA | 5,654 | 2,878 | W | 103,286 |
| November | NA | NA | 8,800 | 3,963 | W | 88,365 |
| December | NA | NA | 6,532 | 2,163 | W | 127,830 |
| **1988 Total** | NA | NA | **95,328** | **37,855** | W | **1,084,737** |

See footnotes at end of table.

# Table 42. Refiner Volumes of Aviation Fuels and Propane (Continued)
(Thousand Gallons)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Kentucky** | | | | | | |
| January | W | 114 | 15,240 | 555 | 3,115 | 14,584 |
| February | W | 87 | 15,069 | 514 | 2,767 | 9,925 |
| March | W | 129 | 16,845 | 689 | 2,085 | 9,372 |
| April | W | 152 | 15,076 | 706 | 773 | 6,042 |
| May | W | 181 | 16,168 | 491 | 800 | 4,873 |
| June | W | 210 | 15,788 | 412 | 3,004 | 4,241 |
| July | W | 127 | 12,577 | 351 | 1,313 | 3,393 |
| August | W | 155 | 14,257 | 469 | 2,129 | 5,813 |
| September | W | 130 | 13,848 | 476 | 2,807 | 8,123 |
| October | W | 174 | 13,499 | 542 | 3,628 | 11,522 |
| November | W | 128 | 13,458 | 421 | 4,111 | 11,492 |
| December | W | 125 | 14,438 | 542 | 5,149 | 13,705 |
| **1988 Total** | W | **1,712** | **176,263** | **6,168** | **31,681** | **103,085** |
| **Michigan** | | | | | | |
| January | 186 | 265 | 18,649 | 2,185 | W | 21,523 |
| February | 86 | W | 19,122 | 2,578 | W | 16,923 |
| March | 117 | W | 20,912 | 3,306 | W | 12,996 |
| April | 272 | W | 22,673 | 2,506 | W | 7,685 |
| May | 187 | W | 20,072 | 2,671 | 6,715 | 6,188 |
| June | 523 | 593 | 20,129 | 3,173 | 5,316 | 8,970 |
| July | 237 | W | 20,112 | 2,582 | 4,958 | 7,918 |
| August | 186 | W | 24,154 | 2,906 | 5,382 | 9,978 |
| September | 272 | W | 19,852 | 3,021 | 7,069 | 11,462 |
| October | 267 | W | 20,940 | 3,682 | W | 16,763 |
| November | 214 | W | 18,258 | 2,677 | W | 22,248 |
| December | 235 | W | 23,013 | 1,975 | W | 23,392 |
| **1988 Total** | **2,782** | W | **247,886** | **33,262** | W | **166,046** |
| **Minnesota** | | | | | | |
| January | NA | NA | 12,793 | 1,052 | W | 21,888 |
| February | NA | NA | 14,290 | W | W | 16,871 |
| March | NA | NA | 15,101 | 1,031 | W | 10,263 |
| April | NA | NA | 14,243 | 966 | W | 6,650 |
| May | NA | NA | 13,500 | 722 | W | 5,614 |
| June | NA | NA | 13,950 | 1,057 | W | 5,341 |
| July | NA | NA | 18,395 | 1,303 | W | 5,394 |
| August | NA | NA | 17,850 | 802 | W | 8,740 |
| September | NA | NA | 18,975 | 601 | 2,857 | 17,407 |
| October | NA | NA | 13,252 | 730 | W | 15,334 |
| November | NA | NA | 11,582 | 650 | W | 12,774 |
| December | NA | NA | 12,117 | 695 | W | 19,638 |
| **1988 Total** | NA | NA | **176,048** | W | W | **145,914** |
| **Missouri** | | | | | | |
| January | NA | NA | 24,393 | 1,468 | 1,811 | 28,297 |
| February | NA | NA | 16,563 | 1,751 | 1,742 | 32,749 |
| March | NA | NA | 20,767 | 1,679 | 1,133 | 21,733 |
| April | NA | NA | 20,590 | 1,560 | 685 | 10,049 |
| May | NA | NA | 22,363 | 1,439 | 544 | 6,541 |
| June | NA | NA | 22,359 | 1,625 | 505 | 6,661 |
| July | NA | NA | 13,561 | 1,406 | 494 | 5,912 |
| August | NA | NA | 14,843 | 2,800 | 627 | 10,672 |
| September | NA | NA | 12,816 | 2,628 | 758 | 19,596 |
| October | NA | NA | 12,507 | 1,635 | 1,190 | 22,476 |
| November | NA | NA | 9,864 | 1,967 | 1,099 | 22,652 |
| December | NA | NA | 11,922 | 1,737 | 1,562 | 35,415 |
| **1988 Total** | NA | NA | **202,548** | **21,695** | **12,150** | **222,753** |

See footnotes at end of table.

# Table 42. Refiner Volumes of Aviation Fuels and Propane (Continued)
(Thousand Gallons)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Nebraska** | | | | | | |
| January | W | 178 | 1,318 | 516 | W | 14,152 |
| February | W | 136 | 1,302 | 656 | W | 10,611 |
| March | W | 234 | 1,429 | 680 | W | 8,210 |
| April | W | 239 | 1,212 | 586 | W | 4,839 |
| May | W | 277 | 1,162 | 605 | W | 3,470 |
| June | W | 313 | 981 | 556 | W | 11,472 |
| July | W | 339 | 1,089 | 697 | W | 11,558 |
| August | W | 315 | 1,238 | 776 | W | 12,344 |
| September | W | 200 | 1,057 | 813 | W | 11,044 |
| October | W | 221 | 1,111 | 540 | W | 12,755 |
| November | W | 192 | 1,299 | 614 | W | 8,081 |
| December | W | 199 | 1,389 | 844 | W | 10,502 |
| **1988 Total** | W | **2,843** | **14,587** | **7,883** | W | **119,038** |
| **North Dakota** | | | | | | |
| January | NA | NA | 574 | W | W | 13,563 |
| February | NA | NA | 394 | W | W | 10,544 |
| March | NA | NA | 376 | W | W | 8,431 |
| April | NA | NA | 353 | W | W | 6,916 |
| May | NA | NA | 393 | W | 457 | 7,360 |
| June | NA | NA | 501 | W | 346 | 5,662 |
| July | NA | NA | 719 | W | 336 | 7,632 |
| August | NA | NA | 650 | W | 544 | 9,920 |
| September | NA | NA | 807 | W | 696 | 10,268 |
| October | NA | NA | 541 | W | 836 | 9,893 |
| November | NA | NA | 589 | W | 895 | 11,867 |
| December | NA | NA | 597 | W | 702 | 15,672 |
| **1988 Total** | NA | NA | **6,494** | **1,011** | **8,435** | **117,728** |
| **Ohio** | | | | | | |
| January | 320 | 457 | 25,831 | 5,203 | 10,768 | 11,580 |
| February | 285 | 360 | 23,810 | 4,030 | 10,377 | 10,593 |
| March | 496 | 586 | 25,495 | 3,718 | 8,039 | 10,967 |
| April | W | 839 | 25,060 | 3,010 | 4,318 | 8,235 |
| May | W | 783 | 24,309 | 3,013 | 2,530 | 8,820 |
| June | W | 951 | 26,323 | 3,736 | 2,034 | 11,340 |
| July | W | 811 | 28,244 | 4,173 | 1,890 | 10,649 |
| August | W | 910 | 28,161 | 4,126 | 2,620 | 12,911 |
| September | W | 767 | 29,719 | 2,360 | 3,959 | 10,494 |
| October | W | 732 | 25,873 | 3,471 | 8,226 | 10,589 |
| November | W | 576 | 28,031 | 2,237 | 9,385 | 12,435 |
| December | W | 479 | 29,742 | 5,381 | 6,250 | 16,464 |
| **1988 Total** | **5,066** | **8,251** | **320,598** | **44,458** | **70,396** | **135,077** |
| **Oklahoma** | | | | | | |
| January | 38 | 575 | 11,382 | 4,479 | W | 29,054 |
| February | W | 502 | 11,219 | 4,629 | W | 25,314 |
| March | W | 801 | 11,724 | 5,878 | 370 | 19,210 |
| April | W | 857 | 9,009 | 1,829 | W | 15,729 |
| May | 52 | 685 | 13,583 | 2,096 | W | 16,851 |
| June | W | 990 | 11,841 | 1,484 | W | 16,447 |
| July | W | 1,204 | 11,906 | 2,464 | W | 12,463 |
| August | 36 | 1,122 | 18,623 | 1,383 | W | 16,751 |
| September | W | 909 | 13,089 | 2,222 | W | 17,035 |
| October | 76 | 942 | 14,882 | 1,382 | W | 21,593 |
| November | 42 | 814 | 13,434 | 897 | W | 20,379 |
| December | 30 | 807 | 15,013 | 1,285 | W | 27,885 |
| **1988 Total** | **610** | **10,208** | **155,705** | **30,028** | **2,008** | **238,711** |

See footnotes at end of table.

# Table 42. Refiner Volumes of Aviation Fuels and Propane (Continued)
(Thousand Gallons)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | 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 | 173 | 431 | W | W | 8,289 |
| February | W | 175 | 406 | W | W | 5,886 |
| March | W | 224 | 548 | W | W | 3,618 |
| April | W | 195 | 328 | W | W | 1,902 |
| May | W | 409 | 346 | W | W | 1,135 |
| June | W | 433 | 306 | W | W | 949 |
| July | W | 458 | 335 | W | W | 1,232 |
| August | W | W | 353 | W | W | 2,474 |
| September | W | 231 | 274 | W | W | 5,195 |
| October | W | 206 | 276 | W | W | 6,188 |
| November | W | 223 | 302 | W | W | 4,569 |
| December | W | 209 | 320 | W | W | 6,451 |
| **1988 Total** | W | W | **4,225** | W | W | **47,888** |
| **Tennessee** | | | | | | |
| January | W | 235 | 13,642 | 772 | 5,153 | 11,499 |
| February | 220 | 301 | 13,305 | 1,316 | 4,808 | 8,947 |
| March | 282 | 408 | 13,499 | 1,034 | W | 5,187 |
| April | 201 | 427 | 10,000 | 830 | W | 2,117 |
| May | 246 | 499 | 9,970 | 915 | W | 2,015 |
| June | 272 | 752 | 10,156 | 856 | W | 1,807 |
| July | 211 | 420 | 9,838 | 776 | 686 | 2,158 |
| August | W | 261 | 10,943 | 815 | 1,259 | 3,936 |
| September | 284 | 382 | 10,150 | 887 | 2,060 | 5,830 |
| October | 260 | 257 | 10,553 | 1,087 | 3,111 | 7,388 |
| November | 209 | 317 | 11,538 | 1,078 | 2,969 | 6,539 |
| December | 209 | 348 | 13,502 | 988 | 4,273 | 11,501 |
| **1988 Total** | **2,826** | **4,607** | **137,096** | **11,354** | **30,227** | **68,924** |
| **Wisconsin** | | | | | | |
| January | W | W | 3,089 | 340 | 5,436 | 22,306 |
| February | W | 185 | 3,464 | 388 | 5,454 | 18,120 |
| March | - | 258 | 3,940 | 504 | 3,878 | 13,293 |
| April | W | 209 | 3,602 | 322 | 3,175 | 7,954 |
| May | W | W | 2,767 | 272 | 1,669 | 4,998 |
| June | W | 308 | 2,820 | 396 | 1,109 | 5,529 |
| July | W | 445 | 2,720 | 553 | 1,005 | 4,694 |
| August | W | 446 | 2,918 | 502 | 1,324 | 6,826 |
| September | W | 273 | 2,616 | 399 | 2,231 | 9,306 |
| October | W | W | 2,487 | 491 | 2,532 | 14,952 |
| November | W | W | 2,424 | 409 | 3,623 | 17,803 |
| December | W | W | 2,598 | W | 4,663 | 21,429 |
| **1988 Total** | W | **3,072** | **35,445** | W | **36,099** | **147,210** |
| **PAD District III Total** | | | | | | |
| January | 730 | 2,312 | 195,801 | 199,348 | 25,348 | 497,186 |
| February | 730 | 3,929 | 236,541 | 164,811 | 16,146 | 418,472 |
| March | 850 | 4,186 | 229,019 | 177,621 | 18,250 | 403,737 |
| April | 861 | 3,539 | 197,412 | 153,190 | 19,043 | 321,857 |
| May | 1,045 | 3,728 | 244,460 | 134,877 | 26,078 | 343,606 |
| June | 987 | 4,261 | 222,418 | 150,715 | 9,959 | 335,152 |
| July | 1,085 | 5,490 | 248,235 | 173,364 | 6,615 | 358,255 |
| August | 987 | 4,470 | 254,822 | 121,986 | 8,274 | 382,211 |
| September | 975 | 4,012 | 260,293 | 178,633 | 8,587 | 359,559 |
| October | 969 | 2,923 | 295,385 | 146,343 | 14,510 | 373,543 |
| November | 789 | 2,817 | 242,046 | 114,506 | 10,638 | 346,252 |
| December | 857 | 2,615 | 250,928 | 104,319 | 13,431 | 473,501 |
| **1988 Total** | **10,865** | **44,281** | **2,877,360** | **1,819,713** | **176,879** | **4,613,330** |

See footnotes at end of table.

# Table 42. Refiner Volumes of Aviation Fuels and Propane (Continued)
(Thousand Gallons)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Alabama** | | | | | | |
| January | 132 | W | 2,237 | 792 | W | 21,369 |
| February | 121 | 211 | 2,200 | 698 | W | 13,434 |
| March | 176 | 236 | 2,411 | 805 | W | 12,246 |
| April | 146 | 184 | 2,219 | 752 | W | 6,886 |
| May | 173 | W | 2,138 | 894 | W | 5,929 |
| June | 164 | 266 | 2,376 | 787 | W | 5,807 |
| July | 144 | W | 2,585 | 796 | W | 5,604 |
| August | 175 | W | 2,644 | 934 | W | 8,584 |
| September | 156 | W | 2,507 | 916 | W | 11,725 |
| October | W | 205 | 2,600 | 856 | W | 14,531 |
| November | 151 | 195 | 2,526 | 783 | W | 12,582 |
| December | 107 | 207 | 2,583 | 708 | W | 21,228 |
| **1988 Total** | W | **2,505** | **29,026** | **9,721** | W | **139,925** |
| **Arkansas** | | | | | | |
| January | W | 187 | 1,586 | 338 | W | 12,224 |
| February | W | 222 | 2,685 | 373 | W | 9,234 |
| March | - | 241 | 2,895 | 550 | W | 5,578 |
| April | W | 312 | 2,793 | 446 | W | 3,568 |
| May | W | 342 | 2,798 | 366 | W | 3,665 |
| June | W | 367 | 586 | 432 | W | 4,310 |
| July | W | 436 | 573 | 414 | 688 | 4,513 |
| August | - | 398 | 2,752 | 454 | 752 | 4,776 |
| September | W | 358 | 610 | 526 | 1,175 | 5,373 |
| October | W | 294 | 6,741 | W | 1,547 | 8,562 |
| November | W | 230 | 574 | 403 | 1,603 | 7,755 |
| December | W | 232 | 2,577 | 265 | W | 12,635 |
| **1988 Total** | W | **3,619** | **27,170** | W | **16,798** | **82,193** |
| **Louisiana** | | | | | | |
| January | W | 189 | 36,112 | 32,185 | 2,470 | 41,384 |
| February | W | W | 36,524 | 19,662 | 2,548 | 36,080 |
| March | W | W | 34,333 | 28,901 | 1,891 | 39,144 |
| April | W | 216 | 33,390 | 18,757 | 1,512 | 36,186 |
| May | W | 327 | 30,556 | 17,258 | 1,550 | 30,970 |
| June | W | 295 | 30,706 | 17,111 | 2,142 | 26,754 |
| July | W | 302 | 28,080 | 27,584 | 1,638 | 31,026 |
| August | W | 288 | 25,150 | 18,594 | 1,853 | 31,805 |
| September | W | 331 | 41,021 | 30,984 | 1,252 | 30,434 |
| October | W | W | 40,493 | 21,459 | 3,299 | 33,597 |
| November | 160 | 174 | 42,055 | 9,089 | 1,350 | 32,161 |
| December | W | W | 31,463 | 11,270 | 1,779 | 44,340 |
| **1988 Total** | W | **2,811** | **409,883** | **252,854** | **23,284** | **413,881** |
| **Mississippi** | | | | | | |
| January | W | W | 2,591 | 27,101 | 1,642 | 44,630 |
| February | W | W | 2,606 | 10,834 | W | 41,038 |
| March | W | W | 5,812 | 12,738 | W | 28,131 |
| April | W | 197 | 5,711 | 15,802 | 605 | 21,600 |
| May | W | 320 | 12,070 | 19,020 | W | 16,439 |
| June | 107 | W | 9,934 | 18,004 | W | 16,190 |
| July | 175 | 367 | 16,335 | 7,521 | W | 18,875 |
| August | 175 | 618 | 14,171 | 9,643 | W | 24,575 |
| September | W | 360 | 17,098 | 11,710 | W | 24,383 |
| October | 127 | 277 | 6,824 | 12,753 | W | 28,138 |
| November | 98 | W | 7,893 | 21,179 | W | 32,844 |
| December | W | 211 | 10,979 | 17,970 | W | 48,542 |
| **1988 Total** | **1,474** | **3,365** | **112,024** | **184,275** | **9,987** | **345,384** |

See footnotes at end of table.

# Table 42. Refiner Volumes of Aviation Fuels and Propane (Continued)
(Thousand Gallons)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | 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 | 198 | 2,458 | 762 | W | 14,487 |
| February | W | 217 | 2,431 | 942 | W | 12,161 |
| March | W | 239 | 2,631 | 862 | W | 8,092 |
| April | W | 217 | 2,484 | 857 | W | 5,805 |
| May | W | W | 2,270 | 511 | W | 6,902 |
| June | W | W | 2,430 | 463 | W | 4,159 |
| July | W | W | 2,673 | 514 | W | 4,075 |
| August | W | W | 2,780 | 538 | W | 4,065 |
| September | W | W | 2,503 | 508 | 604 | 6,913 |
| October | W | W | 2,806 | W | 738 | 6,806 |
| November | W | W | 2,633 | 440 | W | 8,556 |
| December | W | W | 2,630 | 494 | 1,254 | 11,284 |
| **1988 Total** | W | **2,534** | **30,729** | W | W | **93,305** |
| **Texas** | | | | | | |
| January | 378 | 1,542 | 150,817 | 138,170 | 14,927 | 363,092 |
| February | 357 | 2,886 | 190,095 | 132,302 | 6,535 | 306,525 |
| March | 313 | 3,051 | 180,937 | 133,765 | 11,483 | 310,546 |
| April | 439 | 2,413 | 150,815 | 116,576 | 14,679 | 247,812 |
| May | 484 | 2,324 | 194,628 | 96,828 | 22,349 | 279,701 |
| June | 467 | 2,760 | 176,386 | 113,918 | 5,814 | 277,932 |
| July | 491 | 3,961 | 197,989 | 136,535 | 3,022 | 294,162 |
| August | 404 | 2,679 | 207,325 | 91,823 | 4,104 | 308,406 |
| September | 475 | 2,510 | 196,554 | 133,989 | 4,165 | 280,731 |
| October | 492 | 1,762 | 235,921 | 110,305 | 6,736 | 281,909 |
| November | 336 | 1,907 | 186,365 | 82,612 | 4,858 | 252,354 |
| December | 390 | 1,653 | 200,696 | 73,612 | 5,203 | 335,472 |
| **1988 Total** | **5,026** | **29,447** | **2,268,528** | **1,360,435** | **103,875** | **3,538,642** |
| **PAD District IV Total** | | | | | | |
| January | 179 | 644 | 30,795 | 3,767 | 13,594 | 37,745 |
| February | 181 | 790 | 29,096 | 2,516 | 11,859 | 35,062 |
| March | W | 999 | 33,528 | 3,163 | 8,727 | 32,546 |
| April | 284 | 997 | 31,332 | 2,205 | 7,169 | 25,715 |
| May | 429 | 1,022 | 32,854 | 2,237 | 5,598 | 24,507 |
| June | 537 | 1,513 | 35,068 | 2,339 | 4,641 | 22,668 |
| July | 860 | 1,554 | 37,014 | 3,102 | 4,905 | 22,930 |
| August | 1,233 | 1,835 | 39,638 | 3,846 | 4,910 | 24,673 |
| September | 527 | 1,198 | 34,320 | 3,309 | 6,685 | 27,800 |
| October | 259 | 910 | 32,270 | 2,102 | 6,818 | 26,606 |
| November | 328 | 749 | 37,144 | 2,530 | 8,162 | 29,834 |
| December | 298 | 720 | 33,201 | 2,698 | 11,606 | 34,339 |
| **1988 Total** | W | **12,931** | **406,260** | **33,814** | **94,674** | **344,425** |
| **Colorado** | | | | | | |
| January | W | 322 | 16,925 | 2,631 | 3,902 | 14,175 |
| February | - | 371 | 16,307 | 1,468 | 2,977 | 12,921 |
| March | - | 466 | 18,498 | 2,274 | 2,339 | 10,176 |
| April | W | 558 | 16,505 | 1,459 | 1,631 | 7,442 |
| May | - | 509 | 17,623 | 1,347 | 1,109 | 6,806 |
| June | W | 707 | 18,161 | 1,466 | 878 | 6,798 |
| July | W | 646 | 18,999 | 1,726 | 1,359 | 5,398 |
| August | W | 673 | 20,331 | 1,881 | 1,105 | 7,023 |
| September | W | 513 | 17,914 | 1,854 | 1,672 | 8,983 |
| October | W | 472 | 15,938 | 1,215 | 1,595 | 9,112 |
| November | W | 393 | 20,676 | 1,590 | 2,091 | 10,018 |
| December | W | 400 | 18,192 | 1,910 | 3,443 | 12,732 |
| **1988 Total** | W | **6,030** | **216,069** | **20,821** | **24,101** | **111,584** |

See footnotes at end of table.

# Table 42. Refiner Volumes of Aviation Fuels and Propane (Continued)
(Thousand Gallons)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Idaho** | | | | | | |
| January | W | 76 | 898 | 198 | 1,777 | W |
| February | W | 106 | 949 | 248 | 1,663 | W |
| March | - | 95 | 1,064 | 178 | 1,161 | 130 |
| April | W | W | 866 | 179 | 1,157 | 88 |
| May | W | 150 | 975 | 225 | 922 | 109 |
| June | W | 171 | 1,215 | 235 | 922 | 105 |
| July | W | 283 | 1,058 | 418 | 895 | 158 |
| August | W | 339 | 1,250 | W | 878 | W |
| September | - | 166 | 856 | W | 1,040 | W |
| October | - | 121 | 1,009 | 154 | 1,154 | 125 |
| November | - | 105 | 938 | 223 | 1,187 | 137 |
| December | W | 103 | 1,002 | 239 | 1,765 | 126 |
| **1988 Total** | W | W | **12,080** | **3,145** | **14,521** | **1,420** |
| **Montana** | | | | | | |
| January | W | W | 1,737 | W | 2,264 | 4,527 |
| February | W | W | 1,771 | W | 1,878 | 4,822 |
| March | W | 113 | 1,669 | W | 1,324 | 5,677 |
| April | W | W | 1,644 | W | 1,168 | 5,551 |
| May | W | W | 1,845 | W | W | 5,235 |
| June | W | W | 2,057 | W | 790 | 4,652 |
| July | W | W | 2,102 | W | 839 | 4,552 |
| August | W | W | 2,444 | 527 | 1,108 | 4,952 |
| September | W | W | 1,865 | 483 | 1,515 | 4,309 |
| October | W | W | 1,599 | W | 1,428 | 3,720 |
| November | W | W | 1,471 | W | 1,642 | 4,107 |
| December | W | W | 1,707 | W | 1,965 | 4,056 |
| **1988 Total** | W | W | **21,911** | **2,421** | W | **56,160** |
| **Utah** | | | | | | |
| January | W | 141 | 10,774 | 721 | W | W |
| February | W | 187 | 9,651 | 643 | W | W |
| March | W | 253 | 11,820 | 561 | W | 3,730 |
| April | W | 195 | 11,986 | 348 | W | 3,433 |
| May | 108 | 221 | 12,107 | 495 | W | 2,945 |
| June | 84 | 362 | 13,261 | 402 | W | 2,752 |
| July | 200 | 407 | 14,316 | 515 | W | 2,753 |
| August | W | 495 | 15,033 | 794 | W | W |
| September | W | 353 | 13,238 | 473 | W | W |
| October | W | 181 | 13,451 | 480 | W | 3,189 |
| November | 77 | 138 | 13,837 | 321 | W | 3,951 |
| December | W | 102 | 11,996 | 408 | W | 5,867 |
| **1988 Total** | **1,090** | **3,035** | **151,470** | **6,161** | W | **42,966** |
| **Wyoming** | | | | | | |
| January | W | W | 461 | W | W | 14,953 |
| February | 46 | W | 418 | W | W | 13,565 |
| March | W | 72 | 477 | W | W | 12,833 |
| April | W | 102 | 331 | W | W | 9,201 |
| May | 56 | W | 304 | W | W | 9,412 |
| June | W | W | 374 | W | W | 8,361 |
| July | W | W | 539 | W | W | 10,069 |
| August | W | W | 580 | W | W | 9,134 |
| September | 85 | W | 447 | W | W | 11,128 |
| October | W | W | 273 | W | W | 10,460 |
| November | 60 | W | 222 | W | W | 11,621 |
| December | W | W | 304 | W | W | 11,558 |
| **1988 Total** | **950** | **1,026** | **4,730** | **1,266** | W | **132,295** |

See footnotes at end of table.

# Table 42. Refiner Volumes of Aviation Fuels and Propane (Continued)
(Thousand Gallons)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **PAD District V Total** | | | | | | |
| January | 938 | 3,897 | 320,232 | 80,007 | 31,585 | 51,348 |
| February | 1,049 | 4,776 | 296,298 | 59,988 | 27,948 | 46,624 |
| March | W | 5,543 | 342,613 | 70,323 | 22,212 | 44,883 |
| April | 1,143 | 5,356 | 312,296 | 68,994 | 21,384 | 40,855 |
| May | 1,398 | 7,110 | 337,716 | 90,480 | 20,060 | 40,700 |
| June | 1,404 | 6,765 | 321,084 | 77,412 | 17,590 | 39,708 |
| July | 1,534 | 9,734 | 353,239 | 82,561 | 16,141 | 39,714 |
| August | 1,597 | 10,664 | 344,321 | 83,533 | 16,983 | 44,772 |
| September | 1,320 | 8,082 | 323,328 | 67,214 | 17,826 | 43,673 |
| October | 1,243 | 5,641 | 324,757 | 73,633 | 20,318 | 44,698 |
| November | 907 | 5,173 | 302,958 | 69,196 | 22,634 | 41,970 |
| December | 1,057 | 4,207 | 325,623 | 95,974 | 27,096 | 49,290 |
| **1988 Total** | W | **76,948** | **3,904,464** | **919,315** | **261,777** | **528,236** |
| **Alaska** | | | | | | |
| January | W | 367 | 37,197 | 8,568 | W | W |
| February | W | 342 | 32,669 | 5,725 | W | 269 |
| March | W | 517 | 36,063 | 7,063 | W | 271 |
| April | W | 747 | 39,147 | W | W | W |
| May | W | 1,696 | 38,842 | 8,007 | W | 187 |
| June | W | 1,226 | 38,850 | 9,994 | 701 | 233 |
| July | W | 3,081 | 46,920 | 9,803 | W | 204 |
| August | W | 3,451 | 37,126 | 11,794 | W | 240 |
| September | W | 1,902 | 36,099 | 5,369 | W | 217 |
| October | W | 575 | 41,716 | 12,282 | W | 249 |
| November | W | 680 | 41,756 | 6,978 | W | 225 |
| December | W | 577 | 44,535 | 7,887 | W | 334 |
| **1988 Total** | W | **15,161** | **470,920** | W | W | W |
| **Arizona** | | | | | | |
| January | W | 317 | 16,390 | 987 | W | 3,514 |
| February | W | 421 | 15,157 | 1,897 | W | 3,955 |
| March | W | 444 | 18,272 | 1,124 | W | 3,495 |
| April | W | 407 | 14,777 | 2,236 | W | 1,094 |
| May | W | 537 | 13,045 | 1,543 | W | 590 |
| June | W | 483 | 12,327 | 1,254 | W | W |
| July | W | 529 | 15,294 | 2,455 | W | 1,220 |
| August | W | W | 13,223 | 2,200 | W | 3,094 |
| September | 86 | W | 9,826 | 2,384 | W | 2,005 |
| October | 123 | 456 | 14,773 | 2,428 | W | 2,870 |
| November | 73 | 363 | 14,437 | 2,742 | W | 2,662 |
| December | W | 377 | 15,358 | 2,164 | W | 2,842 |
| **1988 Total** | W | **5,300** | **172,879** | **23,414** | W | W |
| **California** | | | | | | |
| January | 540 | 2,319 | 164,733 | 51,149 | 21,420 | 40,306 |
| February | 602 | 2,992 | 152,202 | 47,486 | 18,688 | 34,495 |
| March | 637 | 3,285 | 180,192 | 51,481 | 14,611 | 33,381 |
| April | 591 | 3,092 | 163,147 | 55,798 | 13,830 | 31,557 |
| May | 829 | 3,320 | 178,236 | 72,263 | 13,320 | 33,132 |
| June | 697 | 3,449 | 166,761 | 58,739 | 11,484 | 32,089 |
| July | 747 | 4,223 | 179,645 | 61,997 | 10,603 | 30,284 |
| August | 928 | 4,397 | 176,193 | 62,535 | 11,099 | 32,715 |
| September | 739 | 3,967 | 169,571 | 54,201 | 11,485 | 32,420 |
| October | 722 | 3,273 | 160,445 | 52,439 | 13,266 | 32,593 |
| November | 449 | 3,205 | 146,740 | 55,162 | 14,430 | 28,835 |
| December | 544 | 2,350 | 164,219 | 68,738 | 17,534 | 36,191 |
| **1988 Total** | **8,026** | **39,872** | **2,002,084** | **691,988** | **171,770** | **397,998** |

See footnotes at end of table.

# Table 42. Refiner Volumes of Aviation Fuels and Propane (Continued)
(Thousand Gallons)

| Geographic Area Month | Finished Aviation Gasoline | | Kerosene-Type Jet Fuel | | Propane (Consumer Grade) | |
|---|---|---|---|---|---|---|
| | 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 | 33,670 | W | - | W |
| February | W | W | 33,220 | W | - | W |
| March | W | W | 30,963 | W | - | W |
| April | W | W | 27,924 | W | - | W |
| May | W | W | 29,364 | 364 | - | W |
| June | W | W | 28,658 | W | - | W |
| July | W | W | 32,550 | W | - | W |
| August | W | W | 31,211 | W | - | W |
| September | W | W | 28,162 | W | - | W |
| October | W | W | 35,574 | W | - | W |
| November | W | W | 29,878 | W | - | W |
| December | W | W | 31,552 | 511 | - | W |
| **1988 Total** | W | W | **372,726** | W | - | W |
| **Nevada** | | | | | | |
| January | W | 213 | 12,146 | 1,189 | W | 997 |
| February | W | 261 | 12,215 | 891 | W | 1,391 |
| March | W | W | 13,755 | 1,525 | W | 912 |
| April | W | W | 10,547 | 2,236 | W | 786 |
| May | W | W | 12,049 | 1,650 | W | 582 |
| June | W | 380 | 10,354 | 1,476 | W | 599 |
| July | - | 406 | 10,438 | 1,037 | W | 780 |
| August | - | 527 | 10,039 | 2,103 | W | 737 |
| September | - | 371 | 10,610 | 1,863 | W | 836 |
| October | - | 362 | 12,743 | 2,326 | W | 953 |
| November | - | W | 10,699 | 1,527 | W | 1,150 |
| December | W | W | 9,824 | 1,269 | W | 1,705 |
| **1988 Total** | W | **3,749** | **135,418** | **19,092** | W | **11,428** |
| **Oregon** | | | | | | |
| January | W | W | 7,207 | W | 1,908 | 501 |
| February | W | W | 8,048 | W | W | W |
| March | W | 329 | 7,816 | W | 1,518 | W |
| April | W | 238 | 7,890 | 518 | 1,574 | W |
| May | W | 380 | 7,945 | 814 | 1,535 | W |
| June | W | W | 8,164 | W | 1,272 | W |
| July | W | W | 9,944 | W | 1,209 | W |
| August | W | 569 | 10,330 | W | 1,237 | W |
| September | W | 346 | 10,081 | W | 1,380 | W |
| October | W | W | 8,251 | W | 1,555 | W |
| November | W | 194 | 9,670 | W | 1,652 | W |
| December | W | 242 | 10,098 | 508 | 1,773 | W |
| **1988 Total** | W | W | **105,444** | **6,653** | W | **1,127** |
| **Washington** | | | | | | |
| January | W | 402 | 48,889 | 17,319 | W | 3,798 |
| February | W | 476 | 42,787 | 2,976 | W | 4,520 |
| March | W | 561 | 55,552 | 8,335 | W | 4,942 |
| April | 106 | 576 | 48,864 | 1,963 | W | 5,512 |
| May | 98 | 735 | 58,235 | 5,839 | W | 5,646 |
| June | 102 | 800 | 55,970 | 4,303 | W | 5,470 |
| July | 109 | 897 | 58,448 | 6,315 | W | 5,737 |
| August | 76 | 1,065 | 66,199 | 3,624 | W | 6,170 |
| September | 97 | 931 | 58,979 | 2,307 | W | 7,019 |
| October | 38 | 626 | 51,255 | 3,062 | W | 6,578 |
| November | W | 372 | 49,778 | 1,706 | W | 7,492 |
| December | W | 376 | 50,037 | 14,897 | W | 6,503 |
| **1988 Total** | **890** | **7,817** | **644,993** | **72,646** | W | **69,387** |

Dashes (-) = No data reported.
NA = Not Available.
W = Withheld to avoid disclosure of individual company data.
Note: In certain PAD Districts, Finished Aviation Gasoline Volumes are not shown for every state.
Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

# Table 43. Refiner Volumes of Kerosene and Distillates
(Thousand Gallons)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **U.S. Total** | | | | | | |
| January | 17,945 | 201,160 | 31,725 | 197,065 | 875,949 | 3,558,321 |
| February | 13,028 | 132,356 | 28,161 | 146,217 | 874,858 | 3,350,832 |
| March | 10,328 | 82,113 | 13,290 | 68,117 | 970,731 | 3,530,527 |
| April | 3,793 | 39,252 | 6,195 | 22,809 | 841,253 | 2,703,489 |
| May | 5,194 | 19,538 | 5,374 | 17,443 | 855,284 | 2,661,056 |
| June | 5,012 | 24,414 | 5,242 | 17,799 | 837,431 | 2,583,933 |
| July | 3,033 | 29,771 | 4,806 | 22,607 | 852,995 | 2,692,571 |
| August | 6,230 | 38,749 | 6,309 | 26,270 | 958,408 | 2,808,497 |
| September | 4,963 | 55,544 | 5,672 | 54,493 | 869,099 | 2,688,923 |
| October | 8,074 | 99,510 | 8,048 | 89,189 | 889,393 | 3,015,668 |
| November | 10,866 | 107,755 | 13,497 | 126,247 | 894,503 | 2,966,255 |
| December | 21,761 | 172,237 | 24,129 | 173,776 | 924,237 | 3,256,423 |
| **1988 Total** | **110,227** | **1,002,400** | **152,449** | **962,032** | **10,644,142** | **35,816,494** |
| **PAD District I Total** | | | | | | |
| January | 13,498 | 133,732 | 6,318 | 26,539 | 332,875 | 1,481,673 |
| February | 9,289 | 92,553 | 6,064 | 20,932 | 318,814 | 1,316,849 |
| March | 7,341 | 57,114 | 3,093 | 13,724 | 335,080 | 1,180,160 |
| April | 2,560 | 20,140 | 1,312 | 3,593 | 284,576 | 846,670 |
| May | 3,485 | 10,614 | 1,287 | 2,871 | 270,174 | 742,950 |
| June | 3,971 | 10,150 | 1,387 | 3,453 | 276,688 | 693,857 |
| July | 2,307 | 15,939 | 1,072 | 3,838 | 271,694 | 764,939 |
| August | 5,490 | 18,796 | 1,232 | 3,385 | 320,415 | 756,204 |
| September | 4,062 | 34,699 | 1,338 | 7,100 | 270,094 | 759,769 |
| October | 5,671 | 61,574 | 1,945 | 13,653 | 281,136 | 938,321 |
| November | 8,303 | 67,316 | 2,516 | 14,084 | 299,241 | 1,044,279 |
| December | 17,157 | 117,079 | 5,151 | 27,341 | 348,322 | 1,325,906 |
| **1988 Total** | **83,134** | **639,706** | **32,715** | **140,514** | **3,609,108** | **11,851,576** |
| **Subdistrict IA Total** | | | | | | |
| January | 1,516 | 7,190 | 602 | 2,629 | 35,961 | 224,121 |
| February | 838 | 5,102 | 627 | 2,608 | 29,414 | 173,565 |
| March | 652 | 4,837 | 354 | 2,178 | 29,258 | 161,338 |
| April | 248 | 1,548 | 174 | 538 | 22,207 | 116,321 |
| May | 291 | 948 | 186 | 305 | 19,598 | 76,314 |
| June | 441 | 714 | 241 | W | 20,183 | 60,735 |
| July | 170 | 547 | 141 | W | 26,149 | 82,886 |
| August | 744 | 550 | 188 | 417 | 20,989 | 89,676 |
| September | 184 | 1,622 | 149 | 656 | 18,212 | 76,102 |
| October | 579 | 2,101 | 216 | 1,370 | 21,112 | 104,298 |
| November | 855 | 2,995 | 351 | 2,299 | 27,253 | 144,388 |
| December | 1,077 | 7,415 | 641 | 4,813 | 35,235 | 182,007 |
| **1988 Total** | **7,595** | **35,569** | **3,870** | **18,948** | **305,571** | **1,491,751** |
| **Connecticut** | | | | | | |
| January | W | W | W | 350 | 3,697 | 70,047 |
| February | W | W | 268 | 230 | 3,584 | 46,978 |
| March | W | 1,399 | W | 332 | 3,761 | 34,084 |
| April | W | W | W | 53 | 3,857 | 43,915 |
| May | W | 138 | W | 32 | 3,421 | 18,347 |
| June | W | W | W | W | 3,832 | 20,650 |
| July | W | W | - | W | 12,490 | 22,667 |
| August | W | W | - | W | 3,826 | 39,281 |
| September | W | W | - | W | 4,020 | 22,375 |
| October | W | W | W | W | 3,502 | 22,783 |
| November | W | W | W | 407 | 4,054 | 30,878 |
| December | W | 3,239 | W | 482 | 4,502 | 38,928 |
| **1988 Total** | W | **12,808** | W | **2,758** | **54,546** | **410,933** |

See footnotes at end of table.

## Table 43. Refiner Volumes of Kerosene and Distillates (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Maine** | | | | | | |
| January | W | 1,685 | 45 | 1,126 | 3,218 | 20,252 |
| February | W | 1,423 | 76 | 1,137 | 2,933 | 16,666 |
| March | W | 873 | 46 | 735 | 3,279 | 16,090 |
| April | W | 410 | W | 177 | 2,499 | 10,058 |
| May | W | 165 | W | 59 | 2,310 | 7,258 |
| June | W | 284 | W | W | 2,548 | 8,052 |
| July | W | 114 | W | W | 2,225 | 9,717 |
| August | W | 146 | W | W | 2,517 | 8,293 |
| September | W | 589 | W | W | 2,742 | 10,654 |
| October | W | 578 | W | 643 | 2,693 | 13,914 |
| November | W | 557 | 99 | 914 | 2,967 | 14,397 |
| December | W | 1,056 | 230 | 1,841 | 3,746 | 21,565 |
| **1988 Total** | W | **7,880** | **596** | **7,071** | **33,677** | **156,916** |
| **Massachusetts** | | | | | | |
| January | 186 | 1,245 | W | 247 | 21,597 | 109,244 |
| February | W | 893 | 184 | 234 | 16,235 | 87,958 |
| March | W | 1,694 | W | 143 | 15,865 | 83,989 |
| April | W | 236 | W | 37 | 11,345 | 47,238 |
| May | 119 | 542 | W | W | 9,799 | 34,960 |
| June | W | 164 | 182 | 27 | 10,417 | 22,904 |
| July | 63 | W | W | W | 7,842 | 38,193 |
| August | 160 | 101 | W | 53 | 10,716 | 30,553 |
| September | W | 172 | W | 69 | 7,614 | 27,105 |
| October | 180 | 270 | 100 | W | 10,165 | 44,075 |
| November | 206 | 563 | 85 | 280 | 14,670 | 59,528 |
| December | 80 | 1,983 | 163 | 541 | 19,644 | 89,776 |
| **1988 Total** | **1,318** | W | **1,465** | **1,830** | **155,908** | **675,523** |
| **New Hampshire** | | | | | | |
| January | W | 830 | NA | NA | 2,660 | 9,142 |
| February | W | 543 | NA | NA | 2,373 | 7,478 |
| March | W | 394 | NA | NA | 2,192 | 8,516 |
| April | W | 94 | NA | NA | 1,739 | 5,928 |
| May | W | 61 | NA | NA | 1,639 | 8,556 |
| June | W | 60 | NA | NA | 1,261 | 3,802 |
| July | W | 50 | NA | NA | 1,184 | 4,146 |
| August | W | W | NA | NA | 1,169 | 4,124 |
| September | W | 137 | NA | NA | 1,290 | 4,702 |
| October | W | 220 | NA | NA | 1,511 | 6,107 |
| November | W | 389 | NA | NA | 1,607 | 14,865 |
| December | W | 677 | NA | NA | 2,229 | 8,690 |
| **1988 Total** | W | W | NA | NA | **20,854** | **86,056** |
| **Rhode Island** | | | | | | |
| January | W | W | NA | NA | 1,122 | 10,393 |
| February | W | W | NA | NA | 1,071 | 10,158 |
| March | W | 34 | NA | NA | 1,187 | 14,636 |
| April | W | W | NA | NA | 905 | 6,994 |
| May | W | W | NA | NA | 837 | 5,290 |
| June | W | W | NA | NA | 779 | 3,596 |
| July | W | W | NA | NA | 1,186 | 6,741 |
| August | W | W | NA | NA | 1,381 | 5,760 |
| September | W | W | NA | NA | 1,038 | 9,125 |
| October | W | W | NA | NA | 1,256 | 14,946 |
| November | W | W | NA | NA | 1,164 | 22,184 |
| December | W | 42 | NA | NA | 1,357 | 19,788 |
| **1988 Total** | W | **313** | NA | NA | **13,283** | **129,611** |

See footnotes at end of table.

# Table 43. Refiner Volumes of Kerosene and Distillates (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Vermont** | | | | | | |
| January | 362 | 670 | NA | NA | 3,667 | 5,043 |
| February | 367 | 512 | NA | NA | 3,218 | 4,327 |
| March | 301 | 443 | NA | NA | 2,974 | 4,023 |
| April | W | 275 | NA | NA | 1,862 | 2,188 |
| May | W | W | NA | NA | 1,592 | 1,903 |
| June | W | 35 | NA | NA | 1,346 | 1,731 |
| July | W | W | NA | NA | 1,222 | 1,422 |
| August | W | 35 | NA | NA | 1,380 | 1,665 |
| September | W | 170 | NA | NA | 1,508 | 2,141 |
| October | W | 263 | NA | NA | 1,985 | 2,473 |
| November | W | 309 | NA | NA | 2,791 | 2,536 |
| December | 495 | 418 | NA | NA | 3,757 | 3,260 |
| **1988 Total** | **2,096** | **3,195** | NA | NA | **27,302** | **32,712** |
| **Subdistrict IB Total** | | | | | | |
| January | 9,347 | 62,508 | 2,887 | 7,111 | 154,268 | 885,950 |
| February | 6,181 | 46,700 | 2,669 | 6,832 | 140,496 | 798,384 |
| March | 5,527 | 29,635 | 1,619 | 4,121 | 144,617 | 643,731 |
| April | 2,030 | 12,607 | 607 | 1,336 | 117,195 | 438,631 |
| May | 3,078 | 6,668 | 655 | 1,224 | 106,930 | 374,936 |
| June | 3,456 | 6,970 | 638 | 1,569 | 108,392 | 331,538 |
| July | 2,056 | 11,248 | 597 | 1,651 | 104,082 | 407,112 |
| August | 4,637 | 12,634 | 665 | 1,453 | 138,466 | 378,715 |
| September | 3,709 | 18,559 | 831 | 2,248 | 101,170 | 402,234 |
| October | 4,259 | 26,574 | 1,229 | 3,575 | 116,439 | 494,897 |
| November | 6,216 | 34,065 | 1,362 | 5,030 | 124,757 | 567,978 |
| December | 14,012 | 58,215 | 2,301 | 9,562 | 159,318 | 770,848 |
| **1988 Total** | **64,508** | **326,383** | **16,060** | **45,713** | **1,516,129** | **6,494,953** |
| **Delaware** | | | | | | |
| January | W | W | NA | NA | 615 | 24,875 |
| February | W | W | NA | NA | 604 | 18,207 |
| March | W | W | NA | NA | 457 | 30,842 |
| April | W | W | NA | NA | 470 | 6,781 |
| May | W | W | NA | NA | 886 | 11,390 |
| June | W | W | NA | NA | W | 16,764 |
| July | - | W | NA | NA | 1,397 | W |
| August | - | W | NA | NA | 1,588 | W |
| September | - | W | NA | NA | W | W |
| October | W | W | NA | NA | 680 | W |
| November | W | W | NA | NA | 1,410 | W |
| December | W | W | NA | NA | 858 | W |
| **1988 Total** | **73** | **1,279** | NA | NA | **10,558** | **225,136** |
| **District of Columbia** | | | | | | |
| January | - | W | NA | NA | 633 | 6,083 |
| February | - | W | NA | NA | 259 | 4,855 |
| March | W | W | NA | NA | 196 | 5,146 |
| April | - | W | NA | NA | 291 | 2,447 |
| May | - | W | NA | NA | 210 | 2,061 |
| June | - | - | NA | NA | W | 4,060 |
| July | - | W | NA | NA | 147 | W |
| August | - | W | NA | NA | 195 | W |
| September | - | W | NA | NA | W | W |
| October | - | W | NA | NA | 174 | W |
| November | - | W | NA | NA | 194 | W |
| December | - | W | NA | NA | 174 | W |
| **1988 Total** | W | W | NA | NA | **2,733** | **39,153** |

See footnotes at end of table.

# Table 43. Refiner Volumes of Kerosene and Distillates (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Maryland** | | | | | | |
| January | W | 8,316 | NA | NA | 10,558 | 79,710 |
| February | W | 5,406 | NA | NA | 8,944 | 56,587 |
| March | - | 3,885 | NA | NA | 11,543 | 51,044 |
| April | - | 1,103 | NA | NA | 11,844 | 35,978 |
| May | - | 704 | NA | NA | 11,772 | 29,767 |
| June | W | W | NA | NA | 12,866 | 28,957 |
| July | - | 569 | NA | NA | 14,472 | 27,103 |
| August | - | 1,817 | NA | NA | 18,802 | 27,885 |
| September | - | 2,747 | NA | NA | 10,176 | 27,012 |
| October | W | 4,154 | NA | NA | 11,384 | 36,327 |
| November | W | 4,333 | NA | NA | 12,484 | 42,886 |
| December | W | 7,594 | NA | NA | 14,129 | 63,610 |
| **1988 Total** | W | W | NA | NA | **148,974** | **506,866** |
| **New Jersey** | | | | | | |
| January | 2,425 | 10,879 | 843 | 571 | 41,503 | 372,766 |
| February | 853 | 8,042 | 823 | 393 | 36,472 | 347,861 |
| March | 1,799 | 4,259 | 689 | 156 | 33,891 | 212,916 |
| April | W | 3,002 | 277 | 61 | 27,723 | 149,724 |
| May | W | 1,548 | 368 | 48 | 23,363 | 128,705 |
| June | W | 3,121 | 370 | 85 | 28,528 | 97,215 |
| July | W | 5,031 | 342 | W | 23,429 | 150,756 |
| August | W | 5,167 | 330 | 43 | 35,990 | 130,254 |
| September | W | 6,001 | 366 | 100 | 22,698 | 139,700 |
| October | W | 4,382 | 507 | 293 | 25,213 | 162,854 |
| November | 1,661 | 11,590 | 429 | 817 | 31,389 | 196,646 |
| December | W | 16,479 | 679 | 1,006 | 37,247 | 287,408 |
| **1988 Total** | **25,946** | **79,501** | **6,023** | W | **367,446** | **2,376,805** |
| **New York** | | | | | | |
| January | 3,723 | 14,528 | 261 | 2,237 | 54,266 | 177,901 |
| February | 2,880 | 13,371 | 246 | 2,190 | 48,312 | 166,554 |
| March | 2,200 | 9,250 | W | W | 47,555 | 142,837 |
| April | 1,171 | 3,051 | W | W | 33,123 | 102,317 |
| May | 608 | 1,151 | W | 361 | 28,684 | 72,514 |
| June | 439 | 1,100 | W | 392 | 26,372 | 59,680 |
| July | 356 | 811 | W | 370 | 28,211 | 67,709 |
| August | 648 | 1,374 | W | 422 | 36,916 | 62,506 |
| September | 1,201 | 2,531 | W | 626 | 27,857 | 66,248 |
| October | 1,707 | 4,489 | W | 891 | 38,962 | 102,499 |
| November | 3,005 | 5,714 | W | 1,189 | 40,248 | 119,300 |
| December | 4,687 | 13,181 | 405 | 2,556 | 53,833 | 178,175 |
| **1988 Total** | **22,625** | **70,551** | W | **12,952** | **464,339** | **1,318,239** |
| **Pennsylvania** | | | | | | |
| January | 3,173 | 28,026 | 1,012 | 3,800 | 46,693 | 224,615 |
| February | 2,424 | 19,719 | 905 | 3,980 | 45,905 | 204,320 |
| March | 1,511 | 12,071 | 423 | 2,536 | 50,975 | 200,946 |
| April | 732 | 5,414 | 112 | 814 | 43,744 | 141,384 |
| May | 360 | 3,256 | 65 | 793 | 42,015 | 130,499 |
| June | 190 | 1,830 | 41 | 1,078 | 39,685 | 124,862 |
| July | W | 4,821 | 48 | W | 36,426 | 143,231 |
| August | W | 4,141 | 105 | 970 | 44,975 | 145,799 |
| September | W | 7,104 | 236 | 1,478 | 39,527 | 152,215 |
| October | 1,373 | 13,258 | 328 | 2,306 | 40,026 | 175,804 |
| November | 1,534 | 12,080 | 403 | 2,734 | 39,032 | 182,866 |
| December | 2,641 | 20,754 | 672 | 5,712 | 53,077 | 202,213 |
| **1988 Total** | **15,804** | **132,474** | **4,350** | W | **522,079** | **2,028,754** |

See footnotes at end of table.

# Table 43. Refiner Volumes of Kerosene and Distillates (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Subdistrict IC Total** | | | | | | |
| January | 2,635 | 64,034 | 2,829 | 16,799 | 142,646 | 371,602 |
| February | 2,270 | 40,751 | 2,768 | 11,492 | 148,904 | 344,900 |
| March | 1,162 | 22,642 | 1,120 | 7,425 | 161,205 | 375,091 |
| April | 282 | 5,985 | 531 | 1,719 | 145,174 | 291,718 |
| May | 116 | 2,998 | 446 | 1,342 | 143,646 | 291,700 |
| June | 74 | 2,466 | 508 | W | 148,113 | 301,584 |
| July | 81 | 4,144 | 334 | W | 141,463 | 274,941 |
| August | 109 | 5,612 | 379 | 1,515 | 160,960 | 287,813 |
| September | 169 | 14,518 | 358 | 4,196 | 150,712 | 281,433 |
| October | 833 | 32,899 | 500 | 8,708 | 143,585 | 339,126 |
| November | 1,232 | 30,256 | 803 | 6,755 | 147,231 | 331,913 |
| December | 2,068 | 51,449 | 2,209 | 12,966 | 153,769 | 373,051 |
| **1988 Total** | **11,031** | **277,754** | **12,785** | **75,853** | **1,787,408** | **3,864,872** |
| **Florida** | | | | | | |
| January | 178 | 4,763 | W | 1,455 | 42,612 | 72,739 |
| February | 145 | 3,011 | W | 1,563 | 46,307 | 73,129 |
| March | 59 | 1,598 | 356 | 570 | 51,832 | 80,294 |
| April | 14 | 248 | 329 | 179 | 46,915 | 72,733 |
| May | W | 151 | W | 106 | 43,582 | 71,303 |
| June | 4 | 140 | 337 | 102 | 44,931 | 69,051 |
| July | W | 173 | W | 143 | 45,108 | 63,125 |
| August | W | 142 | W | 102 | 51,791 | 65,784 |
| September | W | 446 | W | 177 | 49,154 | 61,272 |
| October | 13 | 1,552 | W | 583 | 41,456 | 72,813 |
| November | 39 | 1,237 | W | 381 | 42,222 | 72,601 |
| December | 113 | 3,568 | 202 | 1,140 | 48,476 | 74,018 |
| **1988 Total** | **575** | **17,029** | **W** | **6,501** | **554,386** | **848,862** |
| **Georgia** | | | | | | |
| January | 460 | 5,113 | 353 | 1,207 | 27,393 | 50,232 |
| February | 331 | 2,890 | 324 | 1,167 | 30,086 | 54,220 |
| March | 138 | 1,210 | 78 | 540 | 32,783 | 64,449 |
| April | 32 | 217 | W | 75 | 30,213 | 53,495 |
| May | 13 | 147 | - | 84 | 30,504 | 58,545 |
| June | 11 | 226 | 25 | 82 | 31,375 | 61,347 |
| July | W | 346 | W | 49 | 29,349 | 51,944 |
| August | 13 | 571 | W | 117 | 32,839 | 58,460 |
| September | 12 | 973 | - | 234 | 33,146 | 54,696 |
| October | 98 | 2,382 | 10 | 550 | 33,587 | 58,435 |
| November | 136 | 1,910 | 45 | 285 | 33,373 | 56,474 |
| December | 304 | 3,450 | 222 | 703 | 29,425 | 52,981 |
| **1988 Total** | **W** | **19,435** | **1,074** | **5,093** | **374,073** | **675,278** |
| **North Carolina** | | | | | | |
| January | 450 | 25,927 | 837 | 5,644 | 26,685 | 91,452 |
| February | 511 | 16,557 | 765 | 3,353 | 25,982 | 79,885 |
| March | 218 | 9,551 | 169 | 2,398 | 26,568 | 84,305 |
| April | 75 | 2,484 | 26 | 518 | 22,734 | 59,062 |
| May | 50 | 1,079 | 18 | 529 | 23,367 | 57,184 |
| June | 23 | 785 | 15 | 605 | 25,082 | 64,368 |
| July | 25 | 2,095 | 20 | 873 | 23,946 | 58,122 |
| August | W | 2,012 | 9 | 690 | 24,206 | 63,625 |
| September | 45 | 6,339 | 28 | 2,031 | 21,417 | 65,006 |
| October | 250 | 14,481 | 68 | 3,274 | 21,805 | 82,282 |
| November | 241 | 12,412 | 151 | 2,257 | 24,597 | 74,853 |
| December | 326 | 21,635 | 576 | 3,506 | 26,947 | 93,983 |
| **1988 Total** | **W** | **115,357** | **2,682** | **25,678** | **293,336** | **874,127** |

See footnotes at end of table.

# Table 43. Refiner Volumes of Kerosene and Distillates (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **South Carolina** | | | | | | |
| January | 594 | 11,962 | W | 1,338 | 12,643 | 34,267 |
| February | 517 | 7,184 | W | 755 | 12,873 | 30,313 |
| March | 305 | 3,638 | 46 | 480 | 13,775 | 33,519 |
| April | 59 | 640 | W | 31 | 13,164 | 24,366 |
| May | W | 397 | W | 62 | 12,942 | 25,202 |
| June | 15 | 385 | W | W | 13,193 | 27,708 |
| July | 9 | 463 | - | 142 | 12,382 | 23,704 |
| August | 4 | 1,051 | W | W | 13,714 | 26,896 |
| September | 37 | 2,422 | W | 301 | 12,885 | 25,132 |
| October | 214 | 5,824 | W | 849 | 13,695 | 31,359 |
| November | 370 | 5,378 | W | W | 13,577 | 30,573 |
| December | 562 | 9,313 | 135 | 922 | 14,201 | 34,596 |
| **1988 Total** | W | **48,657** | W | **5,539** | **159,044** | **347,635** |
| **Virginia** | | | | | | |
| January | 359 | 13,815 | 932 | 6,703 | 24,858 | 110,636 |
| February | 272 | 9,452 | 883 | 4,350 | 25,982 | 95,855 |
| March | 180 | 5,692 | 305 | 3,047 | 26,715 | 100,947 |
| April | 42 | 2,088 | W | 821 | 24,190 | 70,990 |
| May | 19 | 1,091 | 101 | 537 | 24,094 | 67,001 |
| June | 5 | 782 | 104 | 438 | 25,035 | 67,986 |
| July | 16 | 889 | W | 420 | 23,420 | 67,032 |
| August | 12 | 1,663 | 34 | 491 | 27,166 | 59,691 |
| September | W | 3,694 | 44 | 1,382 | 24,969 | 62,992 |
| October | 125 | 7,469 | 72 | 3,220 | 23,224 | 80,623 |
| November | 232 | 8,177 | 152 | 3,125 | 24,314 | 85,273 |
| December | 286 | 11,399 | 793 | 6,398 | 25,825 | 102,608 |
| **1988 Total** | W | **66,211** | **3,562** | **30,932** | **299,792** | **971,634** |
| **West Virginia** | | | | | | |
| January | 594 | 2,454 | 334 | 452 | 8,455 | 12,276 |
| February | 494 | 1,657 | 345 | 304 | 7,674 | 11,498 |
| March | 262 | 953 | 166 | 390 | 9,532 | 11,577 |
| April | 60 | 308 | W | 95 | 7,958 | 11,072 |
| May | 18 | 133 | W | 24 | 9,157 | 12,465 |
| June | 16 | 148 | W | 18 | 8,497 | 11,124 |
| July | 25 | 178 | W | W | 7,258 | 11,014 |
| August | 21 | 173 | W | W | 11,244 | 13,357 |
| September | 61 | 644 | W | 71 | 9,141 | 12,335 |
| October | 133 | 1,191 | W | 232 | 9,818 | 13,614 |
| November | 214 | 1,142 | 154 | W | 9,148 | 12,139 |
| December | 477 | 2,084 | 281 | 297 | 8,895 | 14,865 |
| **1988 Total** | **2,375** | **11,065** | **1,606** | **2,110** | **106,777** | **147,336** |
| **PAD District II Total** | | | | | | |
| January | 3,587 | 43,980 | 19,030 | 137,315 | 232,782 | 692,631 |
| February | 2,923 | 24,548 | 15,380 | 103,521 | 248,196 | 682,077 |
| March | 2,215 | 14,461 | 5,881 | 40,027 | 286,404 | 984,129 |
| April | 798 | 8,539 | 2,269 | 11,835 | 248,897 | 688,555 |
| May | W | 1,496 | 2,193 | 9,415 | 250,022 | 720,511 |
| June | 549 | 1,308 | 2,115 | 9,419 | 255,460 | 768,214 |
| July | 418 | 1,865 | 2,034 | 12,326 | 251,401 | 727,821 |
| August | 531 | 3,685 | 3,311 | 16,629 | 278,014 | 745,142 |
| September | 695 | 10,147 | 2,437 | 32,521 | 257,674 | 761,058 |
| October | 1,483 | 19,560 | 3,815 | 58,959 | 271,058 | 870,867 |
| November | 1,720 | 21,614 | 7,073 | 86,535 | 266,207 | 751,230 |
| December | 3,025 | 31,893 | 14,219 | 114,483 | 257,301 | 717,314 |
| **1988 Total** | W | **183,096** | **79,757** | **632,984** | **3,103,417** | **9,109,548** |

See footnotes at end of table.

# Table 43. Refiner Volumes of Kerosene and Distillates (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Illinois** | | | | | | |
| January | 32 | 1,918 | 2,362 | 12,837 | 24,159 | 63,314 |
| February | 21 | 275 | 1,735 | 10,089 | 23,992 | 63,201 |
| March | W | 400 | 523 | 3,361 | 31,748 | 95,611 |
| April | W | W | 94 | 617 | 24,499 | 69,370 |
| May | W | 28 | 82 | 512 | 24,223 | 71,421 |
| June | - | W | 50 | 647 | 24,824 | 71,120 |
| July | - | 34 | 55 | 1,173 | 25,277 | 72,964 |
| August | W | 28 | 61 | 1,355 | 29,572 | 68,103 |
| September | W | 67 | 72 | 1,328 | 26,891 | 73,908 |
| October | 107 | 671 | 218 | 3,183 | 24,952 | 88,494 |
| November | 106 | 637 | 566 | 6,295 | 26,126 | 74,498 |
| December | 167 | 1,197 | 1,317 | 10,900 | 25,331 | 67,783 |
| **1988 Total** | **975** | **7,488** | **7,136** | **52,297** | **311,594** | **879,787** |
| **Indiana** | | | | | | |
| January | 804 | 5,766 | 2,107 | 12,658 | 25,521 | 74,429 |
| February | 531 | 2,118 | 1,476 | 8,144 | 28,970 | 62,918 |
| March | 221 | 1,184 | 388 | 3,261 | 33,130 | 81,992 |
| April | 131 | 1,205 | W | 544 | 29,688 | 61,385 |
| May | 30 | 162 | W | 385 | 26,406 | 60,950 |
| June | W | 120 | 23 | 640 | 28,909 | 61,998 |
| July | W | 213 | W | 979 | 28,738 | 55,324 |
| August | - | 188 | 18 | 1,049 | 31,504 | 62,922 |
| September | 54 | 1,544 | 43 | 1,526 | 26,053 | 60,672 |
| October | 187 | 3,080 | 109 | 4,129 | 30,983 | 88,617 |
| November | 202 | 2,294 | 555 | 5,046 | 27,738 | 71,948 |
| December | 367 | 3,339 | 1,407 | 8,508 | 30,202 | 67,277 |
| **1988 Total** | **2,543** | **21,213** | **6,230** | **46,869** | **347,842** | **810,432** |
| **Iowa** | | | | | | |
| January | W | 389 | 779 | 12,689 | 5,619 | 34,042 |
| February | W | 218 | 663 | 9,255 | 6,998 | 37,328 |
| March | W | 62 | 208 | 1,907 | 10,513 | 64,682 |
| April | W | W | W | 344 | 8,878 | 40,866 |
| May | - | W | W | 292 | 7,891 | 40,777 |
| June | - | W | W | 548 | 7,337 | 37,680 |
| July | - | 115 | W | 781 | 8,174 | 40,039 |
| August | - | 110 | W | 881 | 8,756 | 40,035 |
| September | - | 159 | W | 1,977 | 7,844 | 48,255 |
| October | W | 248 | 103 | 5,182 | 9,801 | 55,493 |
| November | - | 201 | W | 9,220 | 8,892 | 39,783 |
| December | - | 251 | 447 | 9,936 | 7,813 | 34,380 |
| **1988 Total** | W | **1,892** | W | **53,012** | **98,516** | **513,360** |
| **Kansas** | | | | | | |
| January | W | 466 | 1,164 | 9,569 | 14,890 | 48,898 |
| February | W | 246 | 1,107 | 5,831 | 16,852 | 37,584 |
| March | W | 242 | 100 | 1,642 | 16,832 | 76,180 |
| April | W | W | W | 669 | 13,705 | 53,406 |
| May | - | W | W | 388 | 14,316 | 58,625 |
| June | - | 68 | W | 541 | 14,083 | 70,839 |
| July | - | W | 39 | 598 | 14,472 | 66,030 |
| August | - | W | W | 2,478 | 13,820 | 71,022 |
| September | W | 139 | W | 2,476 | 13,743 | 65,945 |
| October | W | 375 | 57 | 3,723 | 14,954 | 57,586 |
| November | W | 409 | 438 | 7,412 | 14,919 | 53,266 |
| December | W | 469 | 1,037 | 8,127 | 13,228 | 39,948 |
| **1988 Total** | W | **2,558** | **4,156** | **43,454** | **175,814** | **699,329** |

See footnotes at end of table.

# Table 43. Refiner Volumes of Kerosene and Distillates (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Kentucky** | | | | | | |
| January | 670 | 6,265 | 1,101 | 4,287 | 22,814 | 37,983 |
| February | 561 | 4,794 | 939 | 3,133 | 23,654 | 38,420 |
| March | 386 | 2,005 | 548 | 1,462 | 27,883 | 48,249 |
| April | 205 | 372 | 355 | 220 | 23,581 | 35,816 |
| May | 197 | 128 | 402 | 80 | 22,603 | 41,305 |
| June | 212 | 115 | 266 | 80 | 24,110 | 38,817 |
| July | 143 | 171 | 289 | 76 | 25,163 | 35,534 |
| August | 210 | 111 | 408 | 133 | 25,128 | 37,619 |
| September | 221 | 1,319 | 420 | 630 | 26,835 | 37,837 |
| October | 344 | 2,012 | 501 | 1,702 | 26,827 | 40,986 |
| November | 401 | 2,613 | 731 | 1,417 | 28,072 | 37,211 |
| December | 591 | 3,924 | 1,057 | 2,690 | 25,170 | 36,625 |
| **1988 Total** | **4,141** | **23,829** | **7,017** | **15,910** | **301,840** | **466,402** |
| **Michigan** | | | | | | |
| January | 160 | 6,154 | 2,182 | 13,139 | 14,881 | 57,897 |
| February | 165 | 2,489 | 1,719 | 12,139 | 16,543 | 61,817 |
| March | 74 | 1,587 | 1,121 | 9,051 | 18,133 | 69,651 |
| April | 54 | 725 | 693 | 4,179 | 18,799 | 50,049 |
| May | 46 | W | 607 | 4,384 | 20,338 | 53,647 |
| June | 35 | W | 612 | 3,593 | 19,767 | 57,161 |
| July | 35 | W | W | 3,276 | 19,967 | 50,584 |
| August | 56 | W | 660 | 3,790 | 20,777 | 57,352 |
| September | 46 | 837 | W | 8,313 | 19,922 | 58,202 |
| October | 51 | 1,786 | 845 | 8,354 | 20,219 | 66,858 |
| November | 93 | 3,042 | 928 | 8,511 | 20,664 | 62,298 |
| December | 184 | 4,277 | 1,328 | 11,819 | 20,214 | 65,038 |
| **1988 Total** | **999** | **21,917** | **11,979** | **90,548** | **230,224** | **710,554** |
| **Minnesota** | | | | | | |
| January | W | 547 | 2,990 | 17,257 | 7,742 | 44,688 |
| February | W | 352 | 2,448 | 12,786 | 6,987 | 44,674 |
| March | W | 105 | 1,253 | 4,027 | 9,286 | 64,645 |
| April | W | 49 | 712 | 1,222 | 10,111 | 43,019 |
| May | W | W | 675 | 519 | 8,768 | 41,050 |
| June | W | 15 | 689 | 266 | 9,061 | 42,068 |
| July | W | 8 | 698 | 767 | 8,334 | 44,302 |
| August | W | 91 | 773 | 1,338 | 10,404 | 44,552 |
| September | W | 331 | 744 | 2,758 | 9,301 | 52,503 |
| October | W | 376 | 1,041 | 6,798 | 10,830 | 61,028 |
| November | 4 | 470 | 1,681 | 12,779 | 9,462 | 46,542 |
| December | W | 479 | 2,346 | 14,391 | 8,244 | 43,088 |
| **1988 Total** | **34** | **W** | **16,050** | **74,908** | **108,530** | **572,159** |
| **Missouri** | | | | | | |
| January | W | 575 | 579 | 4,280 | 8,142 | 36,965 |
| February | W | 337 | 589 | 4,182 | 9,722 | 37,911 |
| March | W | 91 | 203 | 1,324 | 11,603 | 54,186 |
| April | W | 25 | 49 | 285 | 8,570 | 48,253 |
| May | W | 24 | W | 158 | 8,698 | 47,571 |
| June | - | 41 | W | 297 | 8,977 | 48,808 |
| July | W | 67 | W | 208 | 8,997 | 45,768 |
| August | W | 511 | W | 289 | 11,072 | 48,781 |
| September | W | 997 | W | 771 | 9,604 | 48,530 |
| October | W | 460 | 132 | 1,369 | 13,738 | 54,647 |
| November | W | 1,281 | 232 | 2,156 | 9,951 | 50,409 |
| December | W | 1,250 | 601 | 3,451 | 8,891 | 43,613 |
| **1988 Total** | **W** | **5,659** | **2,520** | **18,769** | **117,965** | **565,442** |

See footnotes at end of table.

# Table 43. Refiner Volumes of Kerosene and Distillates (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | 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 | 375 | 7,537 | 10,715 | 16,911 |
| February | - | W | 259 | 4,498 | 12,492 | 20,347 |
| March | - | W | 53 | 1,077 | 9,499 | 48,882 |
| April | - | W | W | 154 | 10,429 | 26,246 |
| May | - | - | - | 225 | 9,814 | 29,313 |
| June | - | - | - | 78 | 11,833 | 47,749 |
| July | - | W | - | 220 | 8,765 | 46,233 |
| August | - | W | W | 418 | 10,675 | 40,473 |
| September | - | W | - | 1,708 | 7,721 | 34,774 |
| October | - | W | W | 3,484 | 9,028 | 37,321 |
| November | - | W | W | 5,570 | 10,197 | 26,651 |
| December | - | W | 175 | 5,191 | 9,792 | 21,079 |
| **1988 Total** | W | W | **1,007** | **30,160** | **120,960** | **395,979** |
| **North Dakota** | | | | | | |
| January | NA | NA | 442 | 5,553 | W | 12,918 |
| February | NA | NA | 385 | 4,059 | 3,214 | 15,849 |
| March | NA | NA | 283 | 876 | W | 30,547 |
| April | NA | NA | W | 167 | W | 14,747 |
| May | NA | NA | W | 60 | W | 16,539 |
| June | NA | NA | 49 | 105 | W | 16,307 |
| July | NA | NA | 24 | 307 | W | 20,539 |
| August | NA | NA | W | 730 | W | 19,203 |
| September | NA | NA | 69 | 1,605 | W | 15,581 |
| October | NA | NA | 186 | 2,950 | W | 17,171 |
| November | NA | NA | 383 | 4,293 | 3,956 | 13,838 |
| December | NA | NA | 424 | 4,270 | 3,338 | 12,908 |
| **1988 Total** | NA | NA | **2,381** | **24,975** | W | **206,147** |
| **Ohio** | | | | | | |
| January | 1,487 | 15,065 | 2,632 | 4,948 | 52,743 | 91,551 |
| February | 1,329 | 9,536 | 2,040 | 4,215 | 52,866 | 86,307 |
| March | 868 | 6,743 | 656 | 2,650 | 61,136 | 99,199 |
| April | 350 | 3,524 | 45 | 572 | 52,760 | 76,341 |
| May | 257 | 570 | 50 | 250 | 54,549 | 74,553 |
| June | 274 | 566 | 60 | 215 | 56,814 | 77,728 |
| July | 215 | 610 | 26 | 348 | 53,161 | 66,479 |
| August | 226 | 1,623 | 45 | 339 | 59,669 | 69,350 |
| September | 291 | 3,297 | 66 | 2,385 | 57,571 | 71,053 |
| October | 682 | 7,445 | 196 | 2,942 | 59,700 | 84,213 |
| November | 773 | 6,965 | 388 | 2,740 | 60,977 | 75,409 |
| December | 1,455 | 11,853 | 1,684 | 4,207 | 59,670 | 90,962 |
| **1988 Total** | **8,207** | **67,797** | **7,888** | **25,811** | **681,616** | **963,145** |
| **Oklahoma** | | | | | | |
| January | W | 270 | W | 2,922 | 12,303 | 42,466 |
| February | W | 133 | W | 2,990 | 11,981 | 43,988 |
| March | - | 45 | W | 1,727 | 13,833 | 73,185 |
| April | - | W | W | 1,084 | 11,287 | 48,232 |
| May | - | 36 | W | 1,221 | 13,618 | 51,013 |
| June | - | 29 | W | 1,529 | 12,687 | 56,890 |
| July | - | 31 | W | 1,400 | 11,385 | 51,464 |
| August | - | 74 | W | 1,502 | 12,444 | 51,634 |
| September | - | 68 | W | 1,473 | 12,320 | 52,061 |
| October | - | 170 | W | 2,365 | 9,106 | 56,317 |
| November | W | 174 | 129 | 1,710 | 8,945 | 52,185 |
| December | W | 192 | W | 4,393 | 8,803 | 49,517 |
| **1988 Total** | W | W | **1,629** | **24,316** | **138,712** | **628,952** |

See footnotes at end of table.

# Table 43. Refiner Volumes of Kerosene and Distillates (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **South Dakota** | | | | | | |
| January | NA | NA | W | 7,370 | W | 12,207 |
| February | NA | NA | W | 4,732 | 311 | 13,754 |
| March | NA | NA | W | 1,246 | W | 26,951 |
| April | NA | NA | W | 255 | W | 13,565 |
| May | NA | NA | - | 188 | W | 16,491 |
| June | NA | NA | - | 272 | W | 18,205 |
| July | NA | NA | - | 653 | W | 20,144 |
| August | NA | NA | - | 659 | W | 17,312 |
| September | NA | NA | 11 | 1,670 | W | 16,963 |
| October | NA | NA | W | 3,903 | W | 19,824 |
| November | NA | NA | 92 | 6,088 | 773 | 15,269 |
| December | NA | NA | W | 5,149 | 610 | 11,762 |
| **1988 Total** | NA | NA | W | **32,185** | W | **202,447** |
| **Tennessee** | | | | | | |
| January | 327 | 5,643 | 1,096 | 4,666 | 22,419 | 56,092 |
| February | 246 | 3,733 | 1,085 | 2,875 | 25,360 | 57,168 |
| March | 133 | 1,919 | 302 | 1,280 | 27,316 | 77,095 |
| April | 45 | 291 | W | 214 | 25,340 | 66,223 |
| May | 34 | 151 | W | 119 | 26,647 | 71,141 |
| June | W | 115 | W | 65 | 24,103 | 75,158 |
| July | 17 | 294 | W | 219 | 25,284 | 59,940 |
| August | 35 | 466 | 237 | 448 | 27,989 | 67,869 |
| September | 21 | 1,214 | W | 1,277 | 27,487 | 69,099 |
| October | 94 | 2,624 | 193 | 2,299 | 25,842 | 72,831 |
| November | 114 | 2,949 | 372 | 2,288 | 26,963 | 70,621 |
| December | 218 | 4,347 | 585 | 3,853 | 26,917 | 65,059 |
| **1988 Total** | W | **23,746** | **4,627** | **19,603** | **311,667** | **808,296** |
| **Wisconsin** | | | | | | |
| January | - | 653 | 951 | 17,603 | 7,977 | 62,270 |
| February | - | 102 | 759 | 14,593 | 8,254 | 60,811 |
| March | - | 45 | 188 | 5,136 | 10,617 | 73,074 |
| April | - | 35 | 8 | 1,309 | 7,326 | 41,037 |
| May | - | W | W | 634 | 7,577 | 46,115 |
| June | - | 7 | W | 543 | 9,350 | 47,686 |
| July | - | 44 | W | 1,321 | 9,455 | 52,477 |
| August | - | W | W | 1,220 | 11,025 | 48,915 |
| September | - | 59 | 45 | 2,624 | 8,427 | 55,675 |
| October | - | 115 | 144 | 6,576 | 10,810 | 69,481 |
| November | - | 334 | 209 | 11,010 | 8,572 | 61,302 |
| December | - | 118 | 744 | 17,598 | 9,078 | 68,275 |
| **1988 Total** | - | **1,542** | **4,018** | **80,167** | **108,468** | **687,118** |
| **PAD District III Total** | | | | | | |
| January | 246 | 20,298 | 1,122 | 3,811 | 157,742 | 898,751 |
| February | 199 | 13,891 | 2,357 | 2,466 | 151,395 | 885,829 |
| March | 152 | 9,424 | 761 | 1,425 | 170,249 | 845,135 |
| April | 82 | 9,797 | 727 | 976 | 152,463 | 734,862 |
| May | 1,132 | 7,030 | 521 | 1,095 | 165,976 | 721,385 |
| June | 102 | 12,635 | 194 | 1,067 | 143,036 | 645,958 |
| July | W | 10,597 | 170 | 1,174 | 168,295 | 686,243 |
| August | W | 15,764 | 192 | 1,260 | 179,125 | 769,184 |
| September | 124 | 9,916 | 202 | 1,311 | 168,472 | 696,980 |
| October | W | 16,580 | 198 | 1,773 | 179,718 | 698,275 |
| November | W | 17,053 | 231 | 1,783 | 161,700 | 708,531 |
| December | 208 | 21,155 | 319 | 2,584 | 161,465 | 759,617 |
| **1988 Total** | **2,841** | **164,140** | **6,994** | **20,725** | **1,959,636** | **9,050,750** |

See footnotes at end of table.

# Table 43. Refiner Volumes of Kerosene and Distillates (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Alabama** | | | | | | |
| January | 48 | 5,817 | NA | NA | 16,779 | 35,726 |
| February | 33 | 1,775 | NA | NA | 18,546 | 41,135 |
| March | 25 | 5,388 | NA | NA | 21,073 | 56,421 |
| April | 4 | 1,129 | NA | NA | 16,938 | 41,269 |
| May | 3 | 65 | NA | NA | 20,537 | 47,521 |
| June | W | W | NA | NA | 18,717 | 57,072 |
| July | W | 74 | NA | NA | 17,514 | 60,340 |
| August | W | 96 | NA | NA | 20,442 | 68,397 |
| September | W | 223 | NA | NA | 19,756 | 49,534 |
| October | 19 | 626 | NA | NA | 18,527 | 45,990 |
| November | 22 | 5,766 | NA | NA | 17,587 | 46,783 |
| December | 44 | 8,272 | NA | NA | 14,477 | 58,092 |
| **1988 Total** | **210** | W | NA | NA | **220,893** | **608,280** |
| **Arkansas** | | | | | | |
| January | W | 351 | NA | NA | 6,310 | 24,874 |
| February | W | 207 | NA | NA | 12,913 | 29,420 |
| March | W | 118 | NA | NA | 8,905 | 46,313 |
| April | W | 59 | NA | NA | 9,511 | 32,070 |
| May | W | W | NA | NA | 7,001 | 38,045 |
| June | W | 155 | NA | NA | 7,668 | 42,326 |
| July | W | 198 | NA | NA | 7,435 | 33,994 |
| August | W | 164 | NA | NA | 7,260 | 40,944 |
| September | W | 107 | NA | NA | 7,466 | 35,121 |
| October | W | 179 | NA | NA | 9,410 | 37,126 |
| November | W | 263 | NA | NA | 7,135 | 32,985 |
| December | W | W | NA | NA | 7,679 | 29,971 |
| **1988 Total** | W | **2,094** | NA | NA | **98,693** | **423,189** |
| **Louisiana** | | | | | | |
| January | 61 | 610 | NA | NA | 23,151 | 158,232 |
| February | 53 | 275 | NA | NA | 24,187 | 167,244 |
| March | 41 | 252 | NA | NA | 26,304 | 121,227 |
| April | W | 2,599 | NA | NA | 21,222 | 113,310 |
| May | W | 761 | NA | NA | 26,150 | 131,963 |
| June | W | 1,173 | NA | NA | 25,177 | 103,113 |
| July | W | 3,284 | NA | NA | 32,006 | 117,483 |
| August | W | 3,433 | NA | NA | 35,346 | 131,805 |
| September | W | 298 | NA | NA | 27,183 | 132,668 |
| October | 56 | 314 | NA | NA | 34,698 | 121,510 |
| November | 46 | 818 | NA | NA | 29,460 | 141,109 |
| December | 40 | 572 | NA | NA | 22,590 | 160,632 |
| **1988 Total** | **1,645** | **14,389** | NA | NA | **327,474** | **1,600,296** |
| **Mississippi** | | | | | | |
| January | - | 4,591 | NA | NA | 4,974 | 52,665 |
| February | - | 3,393 | NA | NA | 6,240 | 82,394 |
| March | - | 1,236 | NA | NA | 6,793 | 90,691 |
| April | - | 4,813 | NA | NA | 5,769 | 59,502 |
| May | - | W | NA | NA | 13,253 | 53,884 |
| June | W | 3,306 | NA | NA | 6,157 | 56,631 |
| July | - | W | NA | NA | 7,254 | 59,826 |
| August | - | W | NA | NA | 6,529 | 61,693 |
| September | - | W | NA | NA | 8,576 | 64,456 |
| October | - | W | NA | NA | 11,143 | 51,539 |
| November | W | W | NA | NA | 12,164 | 61,136 |
| December | - | W | NA | NA | 8,420 | 65,378 |
| **1988 Total** | W | W | NA | NA | **97,272** | **759,795** |

See footnotes at end of table.

# Table 43. Refiner Volumes of Kerosene and Distillates (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | 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 | 633 | W | 486 | 10,688 | 17,300 |
| February | W | 349 | - | 351 | 10,480 | 18,570 |
| March | W | 155 | - | 176 | 12,744 | 21,151 |
| April | W | 64 | - | 97 | 10,558 | 18,708 |
| May | W | 31 | - | 134 | 11,422 | 18,528 |
| June | W | W | - | 137 | 12,668 | 18,199 |
| July | W | W | - | 108 | 10,077 | 16,682 |
| August | W | W | - | 131 | 9,588 | 19,038 |
| September | W | W | W | 139 | 11,866 | 18,034 |
| October | W | W | - | 209 | 13,831 | 19,227 |
| November | W | W | W | 337 | 11,098 | 17,577 |
| December | W | 402 | W | 541 | 9,013 | 19,756 |
| **1988 Total** | W | **2,288** | **69** | **2,846** | **134,033** | **222,770** |
| **Texas** | | | | | | |
| January | 79 | 8,296 | W | 1,799 | 95,840 | 609,954 |
| February | 72 | 7,892 | 2,189 | 1,145 | 79,030 | 547,066 |
| March | 44 | 2,275 | W | 796 | 94,430 | 509,332 |
| April | W | 1,133 | W | 718 | 88,465 | 470,003 |
| May | W | 810 | W | 735 | 87,613 | 431,444 |
| June | 30 | 485 | W | 746 | 72,649 | 368,617 |
| July | 80 | 512 | 129 | 806 | 94,009 | 397,918 |
| August | W | 4,615 | 140 | 895 | 99,960 | 447,307 |
| September | W | 3,734 | 151 | 862 | 93,625 | 397,167 |
| October | W | 1,281 | 151 | 932 | 92,109 | 422,883 |
| November | 53 | 3,292 | 142 | 843 | 84,256 | 408,941 |
| December | 41 | 1,786 | 179 | 797 | 99,286 | 425,788 |
| **1988 Total** | **577** | **36,111** | **5,907** | **11,074** | **1,081,271** | **5,436,420** |
| **PAD District IV Total** | | | | | | |
| January | W | 154 | 2,959 | 17,917 | 30,598 | 61,783 |
| February | W | 82 | 2,213 | 11,919 | 32,819 | 67,523 |
| March | - | 63 | 1,413 | 6,259 | 39,797 | 110,536 |
| April | - | 17 | 436 | 1,927 | 33,132 | 84,421 |
| May | - | W | 193 | 1,110 | 34,356 | 87,692 |
| June | - | 7 | 245 | 1,029 | 34,581 | 96,731 |
| July | - | 22 | 175 | 1,247 | 33,619 | 96,995 |
| August | - | 34 | 39 | 1,671 | 34,089 | 108,342 |
| September | - | 91 | 224 | 4,049 | 35,257 | 104,592 |
| October | - | 103 | 743 | 7,111 | 33,381 | 93,558 |
| November | - | 441 | 1,841 | 12,858 | 34,826 | 80,122 |
| December | W | 683 | 2,298 | 15,746 | 33,423 | 70,689 |
| **1988 Total** | W | W | **12,778** | **82,843** | **409,878** | **1,062,984** |
| **Colorado** | | | | | | |
| January | W | W | 697 | 5,763 | 7,824 | 15,099 |
| February | W | W | 530 | 3,155 | 8,076 | 16,512 |
| March | - | W | 398 | 2,541 | 8,368 | 28,684 |
| April | - | - | W | 790 | 8,057 | 23,022 |
| May | - | - | W | 428 | 7,825 | 25,237 |
| June | - | W | W | 418 | 8,700 | 29,342 |
| July | - | W | 22 | 467 | 8,781 | 29,460 |
| August | - | W | W | 616 | 9,076 | 32,657 |
| September | - | 39 | 25 | 1,378 | 8,557 | 27,012 |
| October | - | W | 42 | 3,088 | 9,807 | 26,140 |
| November | - | 333 | 469 | 4,089 | 8,406 | 22,140 |
| December | W | W | 488 | 4,687 | 7,449 | 17,813 |
| **1988 Total** | W | **986** | **2,799** | **27,420** | **100,926** | **293,118** |

See footnotes at end of table.

# Table 43. Refiner Volumes of Kerosene and Distillates (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Idaho** | | | | | | |
| January | NA | NA | W | 1,964 | 2,306 | 11,526 |
| February | NA | NA | W | 1,156 | 2,536 | 13,253 |
| March | NA | NA | W | 709 | 3,162 | 22,814 |
| April | NA | NA | W | 262 | W | 15,309 |
| May | NA | NA | W | 171 | 2,706 | 13,474 |
| June | NA | NA | W | 149 | 2,884 | 12,186 |
| July | NA | NA | W | 333 | 3,079 | 12,997 |
| August | NA | NA | W | 411 | 2,509 | 17,340 |
| September | NA | NA | W | 516 | 2,368 | 17,975 |
| October | NA | NA | W | 511 | 2,407 | 13,673 |
| November | NA | NA | 126 | 1,418 | 3,219 | 12,194 |
| December | NA | NA | 217 | 2,042 | 2,683 | 11,813 |
| **1988 Total** | NA | NA | **1,187** | **9,642** | W | **174,554** |
| **Montana** | | | | | | |
| January | NA | NA | W | 3,833 | 3,970 | 8,534 |
| February | NA | NA | W | 2,999 | 6,173 | 10,396 |
| March | NA | NA | W | 958 | 5,514 | 20,601 |
| April | NA | NA | W | 394 | W | 11,919 |
| May | NA | NA | W | 237 | 5,175 | 13,316 |
| June | NA | NA | W | 128 | 5,641 | 16,272 |
| July | NA | NA | W | 198 | 4,083 | 16,915 |
| August | NA | NA | W | 271 | 4,061 | 15,809 |
| September | NA | NA | W | 1,141 | 5,427 | 15,150 |
| October | NA | NA | W | 1,679 | 2,606 | 15,634 |
| November | NA | NA | 198 | 3,161 | 5,138 | 13,232 |
| December | NA | NA | 315 | 3,583 | 5,236 | 10,481 |
| **1988 Total** | NA | NA | **1,447** | **18,582** | W | **168,259** |
| **Utah** | | | | | | |
| January | NA | NA | 599 | 2,069 | 6,053 | 14,390 |
| February | NA | NA | 390 | 1,639 | 5,837 | 15,332 |
| March | NA | NA | 98 | 591 | 8,033 | 20,820 |
| April | NA | NA | 38 | 165 | 7,189 | 17,284 |
| May | NA | NA | W | 115 | 8,007 | 18,066 |
| June | NA | NA | W | 90 | 6,666 | 19,755 |
| July | NA | NA | W | 77 | 7,695 | 19,220 |
| August | NA | NA | W | 165 | 7,133 | 23,285 |
| September | NA | NA | 54 | 426 | 7,237 | 24,226 |
| October | NA | NA | 115 | 495 | 7,350 | 20,286 |
| November | NA | NA | 225 | 1,177 | 7,711 | 17,300 |
| December | NA | NA | 517 | 1,940 | 7,179 | 16,912 |
| **1988 Total** | NA | NA | **2,088** | **8,949** | **86,090** | **226,876** |
| **Wyoming** | | | | | | |
| January | NA | NA | 1,079 | 4,288 | 10,445 | 12,234 |
| February | NA | NA | 812 | 2,970 | 10,197 | 12,030 |
| March | NA | NA | 685 | 1,460 | 14,720 | 17,617 |
| April | NA | NA | 275 | 316 | 11,338 | 16,887 |
| May | NA | NA | W | 159 | 10,643 | 17,599 |
| June | NA | NA | W | 244 | 10,690 | 19,176 |
| July | NA | NA | W | 172 | 9,981 | 18,403 |
| August | NA | NA | W | 208 | 11,310 | 19,251 |
| September | NA | NA | 110 | 588 | 11,668 | 20,229 |
| October | NA | NA | 536 | 1,338 | 11,211 | 17,825 |
| November | NA | NA | 823 | 3,013 | 10,352 | 15,256 |
| December | NA | NA | 761 | 3,494 | 10,876 | 13,670 |
| **1988 Total** | NA | NA | **5,258** | **18,250** | **133,431** | **200,177** |

See footnotes at end of table.

# Table 43. Refiner Volumes of Kerosene and Distillates (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **PAD District V Total** | | | | | | |
| January | W | 2,996 | 2,296 | 11,483 | 121,951 | 423,484 |
| February | W | 1,282 | 2,147 | 7,379 | 123,634 | 398,554 |
| March | 620 | 1,051 | 2,142 | 6,682 | 139,201 | 410,567 |
| April | 353 | 759 | 1,452 | 4,478 | 122,185 | 348,981 |
| May | W | W | 1,180 | 2,952 | 134,756 | 388,518 |
| June | 390 | 314 | 1,301 | 2,831 | 127,667 | 379,174 |
| July | W | 1,348 | 1,355 | 4,022 | 127,986 | 416,573 |
| August | W | 470 | 1,535 | 3,325 | 146,765 | 429,625 |
| September | 82 | 691 | 1,471 | 9,512 | 137,602 | 366,524 |
| October | W | 1,693 | 1,347 | 7,693 | 124,101 | 414,647 |
| November | W | 1,331 | 1,836 | 10,987 | 132,529 | 382,093 |
| December | W | 1,427 | 2,142 | 13,622 | 123,726 | 382,897 |
| **1988 Total** | **5,516** | W | **20,204** | **84,966** | **1,562,103** | **4,741,637** |
| **Alaska** | | | | | | |
| January | NA | NA | NA | NA | 1,350 | 18,638 |
| February | NA | NA | NA | NA | 1,174 | 34,007 |
| March | NA | NA | NA | NA | 1,734 | 14,805 |
| April | NA | NA | NA | NA | 2,159 | 18,636 |
| May | NA | NA | NA | NA | 5,503 | 20,883 |
| June | NA | NA | NA | NA | 2,286 | 22,030 |
| July | NA | NA | NA | NA | 2,144 | 20,511 |
| August | NA | NA | NA | NA | 4,027 | 16,918 |
| September | NA | NA | NA | NA | 2,753 | 21,407 |
| October | NA | NA | NA | NA | 2,055 | 18,666 |
| November | NA | NA | NA | NA | 1,970 | 14,429 |
| December | NA | NA | NA | NA | 1,916 | 20,106 |
| **1988 Total** | NA | NA | NA | NA | **29,071** | **241,036** |
| **Arizona** | | | | | | |
| January | NA | NA | NA | NA | 8,050 | 23,064 |
| February | NA | NA | NA | NA | 7,480 | 24,261 |
| March | NA | NA | NA | NA | 7,976 | 25,479 |
| April | NA | NA | NA | NA | 7,080 | 20,083 |
| May | NA | NA | NA | NA | 6,910 | 24,026 |
| June | NA | NA | NA | NA | 7,430 | 22,594 |
| July | NA | NA | NA | NA | 7,455 | 19,640 |
| August | NA | NA | NA | NA | 7,119 | 23,550 |
| September | NA | NA | NA | NA | 6,091 | 21,971 |
| October | NA | NA | NA | NA | 6,372 | 22,257 |
| November | NA | NA | NA | NA | 7,307 | 23,217 |
| December | NA | NA | NA | NA | 7,547 | 21,539 |
| **1988 Total** | NA | NA | NA | NA | **86,817** | **271,681** |
| **California** | | | | | | |
| January | NA | NA | W | 1,861 | 71,198 | 251,061 |
| February | NA | NA | 390 | 1,317 | 71,986 | 212,582 |
| March | NA | NA | W | 1,201 | 81,072 | 215,371 |
| April | NA | NA | W | 804 | 68,229 | 200,887 |
| May | NA | NA | W | 861 | 73,416 | 232,542 |
| June | NA | NA | W | 703 | 75,253 | 215,097 |
| July | NA | NA | W | 708 | 68,497 | 233,689 |
| August | NA | NA | W | 743 | 84,665 | 256,743 |
| September | NA | NA | W | 790 | 84,564 | 213,237 |
| October | NA | NA | W | 825 | 73,145 | 228,944 |
| November | NA | NA | W | 887 | 82,092 | 219,658 |
| December | NA | NA | W | 995 | 72,402 | 195,027 |
| **1988 Total** | NA | NA | W | **11,695** | **906,519** | **2,674,838** |

See footnotes at end of table.

# Table 43. Refiner Volumes of Kerosene and Distillates (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | | No. 1 Distillate | | No. 2 Distillate | |
|---|---|---|---|---|---|---|
| | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale |
| **Hawaii** | | | | | | |
| January | NA | NA | NA | NA | 9,477 | 2,304 |
| February | NA | NA | NA | NA | 9,438 | 2,753 |
| March | NA | NA | NA | NA | 9,393 | 2,796 |
| April | NA | NA | NA | NA | 8,010 | 2,672 |
| May | NA | NA | NA | NA | 9,029 | 2,846 |
| June | NA | NA | NA | NA | 8,231 | 2,777 |
| July | NA | NA | NA | NA | 8,387 | 3,150 |
| August | NA | NA | NA | NA | 9,976 | 2,869 |
| September | NA | NA | NA | NA | 10,082 | 3,311 |
| October | NA | NA | NA | NA | 7,690 | 2,701 |
| November | NA | NA | NA | NA | 8,721 | 2,938 |
| December | NA | NA | NA | NA | 7,996 | 2,649 |
| **1988 Total** | NA | NA | NA | NA | **106,430** | **33,766** |
| **Nevada** | | | | | | |
| January | NA | NA | W | W | 5,076 | 15,982 |
| February | NA | NA | W | 174 | 5,465 | 15,666 |
| March | NA | NA | W | 61 | 5,455 | 17,904 |
| April | NA | NA | W | W | 4,139 | 17,981 |
| May | NA | NA | W | 34 | 4,258 | 18,429 |
| June | NA | NA | W | W | 4,304 | 17,804 |
| July | NA | NA | W | W | 5,030 | 19,739 |
| August | NA | NA | 109 | 28 | 4,976 | 22,412 |
| September | NA | NA | W | 39 | 4,467 | 15,692 |
| October | NA | NA | W | 77 | 5,838 | 21,425 |
| November | NA | NA | 197 | 482 | 3,958 | 19,741 |
| December | NA | NA | 238 | 787 | 3,445 | 18,693 |
| **1988 Total** | NA | NA | **2,154** | **2,084** | **56,411** | **221,468** |
| **Oregon** | | | | | | |
| January | NA | NA | 174 | 1,744 | 12,679 | 44,195 |
| February | NA | NA | 118 | 1,399 | 12,755 | 40,073 |
| March | NA | NA | 80 | 822 | 16,562 | 49,123 |
| April | NA | NA | W | 588 | 14,770 | 35,280 |
| May | NA | NA | W | 313 | 13,413 | 32,316 |
| June | NA | NA | W | 285 | 12,768 | 41,082 |
| July | NA | NA | W | 229 | 11,070 | 47,343 |
| August | NA | NA | W | 480 | 12,863 | 50,784 |
| September | NA | NA | W | 750 | 11,646 | 37,778 |
| October | NA | NA | W | 1,024 | 12,424 | 47,432 |
| November | NA | NA | W | 2,051 | 13,404 | 46,377 |
| December | NA | NA | W | 2,898 | 14,784 | 45,731 |
| **1988 Total** | NA | NA | **1,066** | **12,583** | **159,138** | **517,514** |
| **Washington** | | | | | | |
| January | NA | NA | 358 | 3,119 | 14,121 | 68,240 |
| February | NA | NA | 240 | 2,462 | 15,336 | 69,212 |
| March | NA | NA | 138 | 1,284 | 17,009 | 85,089 |
| April | NA | NA | W | 935 | 17,798 | 53,442 |
| May | NA | NA | 20 | 732 | 22,227 | 57,476 |
| June | NA | NA | 26 | 606 | 17,395 | 57,790 |
| July | NA | NA | W | 502 | 25,403 | 72,501 |
| August | NA | NA | W | 558 | 23,139 | 56,349 |
| September | NA | NA | W | 1,211 | 17,999 | 53,128 |
| October | NA | NA | W | 1,649 | 16,577 | 73,222 |
| November | NA | NA | 186 | 3,140 | 15,077 | 55,733 |
| December | NA | NA | 311 | 3,929 | 15,636 | 79,152 |
| **1988 Total** | NA | NA | **1,860** | **20,127** | **217,717** | **781,334** |

Dashes (-) = No data reported.
NA = Not Available.
W = Withheld to avoid disclosure of individual company data.
Note: In certain PAD Districts, Kerosene and No. 1 Distillate Volumes are not shown for every state.
Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

# Table 44. Refiner No. 4 and Residual Fuel Oil Volumes by PAD District
(Thousand Gallons)

| Geographic Area Month | No. 4 Fuel | | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent | | Residual Fuel Oil Sulfur Content Greater Than 1 Percent | | Total Residual | |
|---|---|---|---|---|---|---|---|---|
| | 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 |
| **U.S. Total** | | | | | | | | |
| January | 50,173 | 61,983 | 527,267 | 338,051 | 548,564 | 293,863 | 1,075,831 | 631,914 |
| February | 44,697 | 53,696 | 460,139 | 353,498 | 516,786 | 226,062 | 976,925 | 579,560 |
| March | 46,633 | 48,313 | 485,851 | 278,085 | 512,119 | 284,555 | 997,970 | 562,640 |
| April | 23,907 | 40,713 | 295,275 | 250,516 | 449,894 | 315,112 | 745,169 | 565,628 |
| May | 25,422 | 32,239 | 268,497 | 201,183 | 459,359 | 282,605 | 727,856 | 483,788 |
| June | 24,588 | 24,195 | 314,665 | 340,443 | 425,403 | 320,883 | 740,068 | 661,327 |
| July | 29,209 | 28,034 | 339,755 | 241,535 | 503,966 | 327,576 | 843,720 | 569,110 |
| August | 34,501 | 21,323 | 435,986 | 282,677 | 506,503 | 262,731 | 942,489 | 545,408 |
| September | 17,846 | 31,260 | 374,136 | 163,379 | 467,906 | 286,255 | 842,042 | 449,634 |
| October | 20,906 | 44,569 | 448,194 | 201,921 | 459,648 | 342,410 | 907,842 | 544,331 |
| November | 27,583 | 26,886 | 560,268 | 268,955 | 431,101 | 306,467 | 991,369 | 575,422 |
| December | 43,254 | 43,644 | 692,865 | 249,707 | 555,074 | 509,091 | 1,247,939 | 758,798 |
| **1988 Total** | **388,719** | **456,855** | **5,202,898** | **3,169,949** | **5,836,323** | **3,757,610** | **11,039,221** | **6,927,559** |
| **PAD District I Total** | | | | | | | | |
| January | 40,341 | 48,078 | 464,253 | 173,958 | 341,446 | 27,362 | 805,699 | 201,320 |
| February | 32,186 | 34,761 | 381,040 | 185,270 | 304,369 | 28,610 | 685,409 | 213,880 |
| March | 30,724 | 28,035 | 423,321 | 181,242 | 266,899 | 26,872 | 690,220 | 208,114 |
| April | 16,363 | 16,591 | 239,834 | 155,345 | 242,300 | 29,149 | 482,134 | 184,494 |
| May | 11,404 | 8,598 | 216,103 | 82,122 | 256,652 | 39,399 | 472,755 | 121,521 |
| June | 16,004 | 6,891 | 262,523 | 141,603 | 227,263 | 63,071 | 489,786 | 204,674 |
| July | 14,098 | 5,463 | 284,595 | 138,046 | 266,530 | 68,512 | 551,125 | 206,557 |
| August | 19,659 | 4,962 | 378,132 | 147,642 | 251,263 | 47,284 | 629,395 | 194,925 |
| September | 9,558 | 4,734 | 298,998 | 76,937 | 264,799 | 78,656 | 563,797 | 155,593 |
| October | 15,681 | 10,088 | 346,207 | 128,455 | 224,802 | 96,097 | 571,009 | 224,552 |
| November | 20,483 | 14,095 | 458,921 | 133,850 | 247,567 | 62,445 | 706,488 | 196,295 |
| December | 36,326 | 24,276 | 608,390 | 154,623 | 320,945 | 139,166 | 929,335 | 293,789 |
| **1988 Total** | **262,827** | **206,572** | **4,362,317** | **1,699,092** | **3,214,835** | **706,623** | **7,577,152** | **2,405,715** |
| **Subdistrict IA Total** | | | | | | | | |
| January | 8,172 | 8,676 | 95,968 | W | 91,654 | W | 187,622 | 47,903 |
| February | 6,881 | 6,191 | 102,092 | W | 99,019 | W | 201,111 | 40,321 |
| March | 5,968 | 5,371 | 113,633 | W | 55,102 | W | 168,735 | 48,722 |
| April | 3,206 | 3,105 | 60,550 | W | 78,989 | W | 139,539 | 23,876 |
| May | 1,584 | W | W | 12,605 | W | W | 128,946 | W |
| June | 1,249 | 1,183 | 39,011 | NA | 68,204 | W | 107,215 | 39,465 |
| July | 810 | W | 61,470 | W | 78,916 | W | 140,386 | 58,581 |
| August | 1,037 | W | 86,433 | W | 73,745 | W | 160,179 | 29,071 |
| September | 1,244 | 1,550 | 54,674 | W | 43,108 | W | 97,782 | 31,913 |
| October | 2,583 | 2,874 | 63,730 | 13,871 | 44,548 | 25,694 | 108,278 | 39,565 |
| November | 3,673 | 3,677 | 126,949 | 34,089 | 60,765 | 15,438 | 187,714 | 49,527 |
| December | 6,122 | 6,107 | 149,152 | 16,237 | 51,846 | 21,858 | 200,998 | 38,095 |
| **1988 Total** | **42,529** | **42,774** | W | W | W | **165,870** | **1,828,504** | W |
| **Subdistrict IB Total** | | | | | | | | |
| January | 29,332 | 38,667 | 318,771 | 130,945 | 126,104 | 10,692 | 444,875 | 141,637 |
| February | 23,386 | 28,149 | 254,308 | 150,717 | 88,759 | 11,929 | 343,067 | 162,646 |
| March | 19,978 | 22,169 | 223,923 | 132,002 | 92,493 | 14,686 | 316,416 | 146,688 |
| April | 10,115 | 13,157 | 120,143 | 132,043 | 86,503 | 19,162 | 206,646 | 151,205 |
| May | 7,362 | 7,122 | 105,071 | 64,573 | 103,791 | 30,558 | 208,862 | 95,131 |
| June | 12,357 | 5,397 | 114,958 | 112,378 | 78,782 | 40,891 | 193,740 | 153,268 |
| July | 11,355 | 4,133 | 158,852 | 96,629 | 116,247 | 29,904 | 275,099 | 126,532 |
| August | 16,270 | 3,024 | 200,306 | 132,072 | 101,964 | 18,541 | 302,270 | 150,613 |
| September | 6,095 | 2,808 | 173,677 | 64,557 | 105,492 | 30,178 | 279,169 | 94,735 |
| October | 10,027 | 6,747 | 213,886 | 112,997 | 80,714 | 42,151 | 294,600 | 155,148 |
| November | 12,873 | 9,847 | 238,094 | 97,288 | 92,141 | 26,762 | 330,235 | 124,050 |
| December | 24,797 | 17,100 | 375,074 | 135,540 | 123,109 | 96,290 | 498,183 | 231,830 |
| **1988 Total** | **183,947** | **158,320** | **2,497,062** | **1,361,740** | **1,196,100** | **371,744** | **3,693,162** | **1,733,484** |

See footnotes at end of table.

# Table 44. Refiner No. 4 and Residual Fuel Oil Volumes by PAD District
(Thousand Gallons)

| Geographic Area Month | No. 4 Fuel | | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent | | Residual Fuel Oil Sulfur Content Greater Than 1 Percent | | Total Residual | |
|---|---|---|---|---|---|---|---|---|
| | 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 Total** | | | | | | | | |
| January | 2,837 | 735 | 49,514 | W | 123,688 | W | 173,202 | 11,780 |
| February | 1,919 | 421 | 24,640 | W | 116,591 | W | 141,231 | 10,913 |
| March | 4,778 | 495 | 85,765 | W | 119,304 | W | 205,069 | 12,704 |
| April | 3,042 | 329 | 59,141 | W | 76,808 | W | 135,949 | 9,413 |
| May | 2,458 | W | W | 4,944 | W | W | 134,947 | W |
| June | 2,398 | 311 | NA | W | 80,276 | W | 188,831 | 11,941 |
| July | 1,933 | W | 64,274 | W | 71,367 | W | 135,641 | 21,444 |
| August | 2,352 | W | 91,393 | W | 75,554 | W | 166,947 | 15,241 |
| September | 2,219 | 376 | 70,647 | W | 116,199 | W | 186,846 | 28,945 |
| October | 3,071 | 467 | 68,591 | 1,587 | 99,540 | 28,252 | 168,131 | 29,839 |
| November | 3,937 | 571 | 93,878 | 2,473 | 94,661 | 20,245 | 188,539 | 22,718 |
| December | 5,407 | 1,069 | 84,164 | 2,846 | 145,990 | 21,018 | 230,154 | 23,864 |
| **1988 Total** | **36,351** | **5,478** | W | W | W | **169,009** | **2,055,486** | W |
| **PAD District II Total** | | | | | | | | |
| January | 4,564 | 930 | W | 8,953 | W | 15,565 | 24,341 | 24,518 |
| February | 4,996 | 560 | 4,436 | W | 14,289 | W | 18,725 | 27,209 |
| March | W | 369 | 3,271 | 4,111 | 14,885 | 13,404 | 18,156 | 17,515 |
| April | W | 198 | W | 4,686 | W | 14,487 | 16,789 | 19,173 |
| May | W | 138 | W | 3,558 | W | 21,965 | 14,278 | 25,523 |
| June | W | 147 | 1,864 | W | 6,393 | W | 8,257 | 21,515 |
| July | W | 155 | 4,473 | W | 12,841 | W | 17,314 | 33,752 |
| August | W | 147 | W | W | W | W | 28,362 | 40,395 |
| September | W | W | W | W | W | W | 26,189 | 29,912 |
| October | W | 254 | 2,765 | W | 15,953 | W | 18,718 | 28,475 |
| November | W | 423 | 5,924 | 5,588 | 21,026 | 20,718 | 26,950 | 26,306 |
| December | W | W | W | W | W | W | 39,092 | 58,683 |
| **1988 Total** | W | **4,375** | **54,905** | **65,666** | **202,266** | **287,310** | **257,171** | **352,976** |
| **PAD District III Total** | | | | | | | | |
| January | W | 3,462 | W | 100,645 | W | 100,984 | 136,284 | 201,629 |
| February | W | 1,083 | 11,398 | 101,521 | 127,829 | 63,999 | 139,227 | 165,520 |
| March | W | 1,875 | 9,241 | 54,220 | 178,470 | 121,037 | 187,711 | 175,257 |
| April | W | 1,897 | W | 38,899 | W | 126,888 | 123,921 | 165,787 |
| May | W | 2,228 | W | 91,169 | W | 91,063 | 128,997 | 182,232 |
| June | W | 2,570 | 10,289 | 127,933 | 124,627 | 113,138 | 134,916 | 241,071 |
| July | W | 2,388 | 7,362 | 71,833 | 149,015 | 121,211 | 156,377 | 193,044 |
| August | W | 3,796 | W | 71,158 | W | 77,773 | 162,960 | 148,931 |
| September | W | W | W | 60,537 | W | 86,053 | 135,729 | 146,590 |
| October | W | 1,373 | 7,258 | 33,556 | 141,816 | 93,991 | 149,074 | 127,547 |
| November | W | 2,427 | - | 74,213 | 86,180 | 115,969 | 86,180 | 190,182 |
| December | 40 | W | W | 60,759 | W | 181,543 | 127,391 | 242,302 |
| **1988 Total** | W | **28,381** | **81,481** | **886,443** | **1,587,286** | **1,293,649** | **1,668,767** | **2,180,092** |
| **PAD District IV Total** | | | | | | | | |
| January | W | - | - | 1,381 | 1,879 | 328 | 1,879 | 1,709 |
| February | W | - | - | W | 1,627 | W | 1,627 | 1,235 |
| March | - | - | - | 872 | 1,660 | 367 | 1,660 | 1,239 |
| April | W | - | - | 1,243 | 992 | 608 | 992 | 1,851 |
| May | W | - | - | 1,480 | 1,330 | 341 | 1,330 | 1,821 |
| June | W | - | - | W | 1,692 | W | 1,692 | 1,642 |
| July | W | - | - | W | 1,738 | W | 1,738 | 1,736 |
| August | W | - | - | W | 1,791 | W | 1,791 | 1,844 |
| September | - | - | - | W | 2,249 | W | 2,249 | 1,308 |
| October | W | - | - | W | 4,275 | W | 4,275 | 1,602 |
| November | W | - | - | 1,483 | 2,906 | 57 | 2,906 | 1,540 |
| December | W | - | - | W | 2,579 | W | 2,579 | 1,801 |
| **1988 Total** | W | - | - | **17,115** | **24,718** | **2,213** | **24,718** | **19,328** |

See footnotes at end of table.

# Table 44. Refiner No. 4 and Residual Fuel Oil Volumes by PAD District
(Thousand Gallons)

| Geographic Area Month | No. 4 Fuel | | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent | | Residual Fuel Oil Sulfur Content Greater Than 1 Percent | | Total Residual | |
|---|---|---|---|---|---|---|---|---|
| | 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 Total** | | | | | | | | |
| January | W | 9,513 | 51,517 | 53,114 | 56,111 | 149,624 | 107,628 | 202,738 |
| February | W | 17,292 | 63,265 | 54,796 | 68,672 | 116,920 | 131,937 | 171,716 |
| March | W | 18,034 | 50,018 | 37,640 | 50,205 | 122,875 | 100,223 | 160,515 |
| April | W | 22,027 | 44,562 | 50,343 | 76,771 | 143,980 | 121,333 | 194,323 |
| May | - | 21,275 | 42,684 | 22,854 | 67,812 | 129,837 | 110,496 | 152,691 |
| June | - | 14,587 | 39,989 | 66,281 | 65,428 | 126,144 | 105,417 | 192,425 |
| July | W | 20,028 | 43,325 | 24,971 | 73,841 | 109,050 | 117,166 | 134,021 |
| August | W | 12,418 | 44,948 | 56,179 | 75,033 | 103,133 | 119,981 | 159,312 |
| September | W | 21,841 | 63,498 | 21,608 | 50,580 | 94,623 | 114,078 | 116,231 |
| October | W | 32,854 | 91,964 | 35,573 | 72,802 | 126,582 | 164,766 | 162,155 |
| November | W | 9,941 | 95,423 | 53,821 | 73,422 | 107,278 | 168,845 | 161,099 |
| December | W | 17,717 | 73,002 | 24,453 | 76,540 | 137,770 | 149,542 | 162,223 |
| **1988 Total** | W | **217,527** | **704,195** | **501,633** | **807,217** | **1,467,816** | **1,511,412** | **1,969,449** |

Dashes (-) = No data reported.
NA = Not Available.
W = Withheld to avoid disclosure of individual company data.
Note: Totals may not equal the sum of components due to rounding.
Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

# First Sales of Petroleum Products for Consumption

# Table 45. Volumes of First Sales of Motor Gasoline by Grade
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | Unleaded Regular | Premium | Total |
|---|---|---|---|---|
| **U.S. Total** | | | | |
| January | 1,761,373 | 5,156,431 | 2,115,085 | 9,032,889 |
| February | 1,711,280 | 5,174,453 | 2,103,018 | 8,988,751 |
| March | 1,934,298 | 5,858,882 | 2,353,666 | 10,146,846 |
| April | 1,879,434 | 5,730,939 | 2,312,330 | 9,922,703 |
| May | 1,943,560 | 5,834,874 | 2,422,435 | 10,200,869 |
| June | 1,960,257 | 6,088,888 | 2,560,300 | 10,609,445 |
| July | 1,837,250 | 6,264,362 | 2,541,330 | 10,642,942 |
| August | 1,840,271 | 6,379,816 | 2,582,372 | 10,802,459 |
| September | 1,679,432 | 5,877,486 | 2,397,463 | 9,954,381 |
| October | 1,612,730 | 6,076,885 | 2,472,194 | 10,161,810 |
| November | 1,448,164 | 5,977,703 | 2,420,955 | 9,846,823 |
| December | 1,414,640 | 6,338,221 | 2,633,385 | 10,386,246 |
| **1988 Total** | **21,022,689** | **70,758,941** | **28,914,533** | **120,696,164** |
| **PAD District I Total** | | | | |
| January | 432,913 | 1,630,130 | 1,029,730 | 3,092,773 |
| February | 431,999 | 1,642,215 | 1,035,110 | 3,109,324 |
| March | 478,492 | 1,854,247 | 1,145,527 | 3,478,266 |
| April | 466,012 | 1,840,641 | 1,125,529 | 3,432,182 |
| May | 485,698 | 1,890,762 | 1,176,878 | 3,553,338 |
| June | 473,313 | 1,941,346 | 1,212,178 | 3,626,837 |
| July | 447,013 | 2,007,311 | 1,232,766 | 3,687,090 |
| August | 449,977 | 2,044,871 | 1,252,499 | 3,747,347 |
| September | 396,740 | 1,895,121 | 1,151,665 | 3,443,526 |
| October | 360,050 | 1,933,839 | 1,198,451 | 3,492,340 |
| November | 311,160 | 1,978,974 | 1,169,713 | 3,459,847 |
| December | 300,730 | 2,119,927 | 1,261,007 | 3,681,664 |
| **1988 Total** | **5,034,097** | **22,779,384** | **13,991,053** | **41,804,534** |
| **Subdistrict IA Total** | | | | |
| January | 49,423 | 228,852 | 158,653 | 436,928 |
| February | 45,908 | 216,544 | 148,726 | 411,178 |
| March | 47,572 | 247,285 | 171,292 | 466,149 |
| April | 44,881 | 257,711 | 161,167 | 463,759 |
| May | 53,232 | 259,891 | 170,201 | 483,324 |
| June | 55,153 | 284,033 | 185,357 | 524,543 |
| July | 51,743 | 287,867 | 178,535 | 518,145 |
| August | 58,232 | 290,164 | 195,791 | 544,187 |
| September | 42,117 | 281,784 | 171,899 | 495,800 |
| October | 31,261 | 275,330 | 183,104 | 489,695 |
| November | 19,625 | 290,694 | 167,936 | 478,255 |
| December | 20,320 | 302,895 | 184,479 | 507,694 |
| **1988 Total** | **519,467** | **3,223,050** | **2,077,140** | **5,819,657** |
| **Connecticut** | | | | |
| January | 12,465 | 56,013 | 45,583 | 114,061 |
| February | 11,011 | 51,271 | 42,558 | 104,840 |
| March | 12,089 | 56,594 | 52,851 | 121,534 |
| April | 10,876 | 54,145 | 43,719 | 108,740 |
| May | 11,857 | 56,480 | 47,716 | 116,053 |
| June | 12,255 | 58,768 | 51,745 | 122,768 |
| July | 11,006 | 56,615 | 47,288 | 114,909 |
| August | 11,063 | 62,924 | 50,803 | 124,790 |
| September | 8,562 | 58,448 | 46,918 | 113,928 |
| October | 6,818 | 60,302 | 47,749 | 114,869 |
| November | 5,249 | 60,841 | 44,562 | 110,652 |
| December | 4,183 | 64,120 | 48,126 | 116,429 |
| **1988 Total** | **117,434** | **696,521** | **569,618** | **1,383,573** |

See footnotes at end of table.

## Table 45. Volumes of First Sales of Motor Gasoline by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | Unleaded Regular | Premium | Total |
|---|---|---|---|---|
| **Maine** | | | | |
| January | 8,515 | 28,600 | 11,442 | 48,557 |
| February | 8,095 | 28,064 | 10,704 | 46,863 |
| March | 7,738 | 32,214 | 11,968 | 51,920 |
| April | 7,453 | 31,380 | 12,097 | 50,930 |
| May | 9,153 | 33,698 | 13,033 | 55,884 |
| June | 10,174 | 36,902 | 14,451 | 61,527 |
| July | 10,573 | 39,685 | 16,607 | 66,865 |
| August | 11,173 | 42,505 | 18,097 | 71,775 |
| September | 8,764 | 36,663 | 15,154 | 60,581 |
| October | 4,873 | 37,892 | 15,568 | 58,333 |
| November | 2,894 | 35,948 | 13,797 | 52,639 |
| December | 2,680 | 38,339 | 15,302 | 56,321 |
| **1988 Total** | **92,085** | **421,890** | **168,220** | **682,195** |
| **Massachusetts** | | | | |
| January | 19,294 | 102,782 | 74,253 | 196,329 |
| February | 18,163 | 96,748 | 69,158 | 184,069 |
| March | 18,298 | 112,916 | 76,299 | 207,513 |
| April | 16,930 | 125,400 | 74,796 | 217,126 |
| May | 18,372 | 118,137 | 77,393 | 213,902 |
| June | 18,196 | 132,445 | 84,400 | 235,041 |
| July | 17,458 | 136,711 | 79,236 | 233,405 |
| August | 21,415 | 126,610 | 88,892 | 236,917 |
| September | 15,017 | 135,080 | 76,751 | 226,848 |
| October | 12,801 | 123,089 | 84,359 | 220,249 |
| November | 6,920 | 141,247 | 77,049 | 225,216 |
| December | 8,878 | 145,021 | 85,030 | 238,929 |
| **1988 Total** | **191,742** | **1,496,186** | **947,616** | **2,635,544** |
| **New Hampshire** | | | | |
| January | 2,511 | 15,379 | 8,501 | 26,391 |
| February | 2,367 | 14,355 | 8,152 | 24,874 |
| March | 2,190 | 14,967 | 8,291 | 25,448 |
| April | 2,397 | 15,604 | 8,729 | 26,730 |
| May | 3,118 | 17,033 | 9,544 | 29,695 |
| June | 3,566 | 17,153 | 9,631 | 30,350 |
| July | 3,845 | 17,927 | 10,167 | 31,939 |
| August | 4,288 | 19,498 | 11,271 | 35,057 |
| September | 2,646 | 17,558 | 9,853 | 30,057 |
| October | 2,029 | 18,865 | 10,597 | 31,491 |
| November | 1,309 | 17,976 | 9,599 | 28,884 |
| December | 1,291 | 18,529 | 10,011 | 29,831 |
| **1988 Total** | **31,557** | **204,844** | **114,346** | **350,747** |
| **Rhode Island** | | | | |
| January | 4,861 | 19,959 | 15,528 | 40,348 |
| February | 4,622 | 20,484 | 15,196 | 40,302 |
| March | 5,586 | 24,513 | 18,858 | 48,957 |
| April | 4,964 | 22,864 | 17,498 | 45,326 |
| May | 7,443 | 25,125 | 17,626 | 50,194 |
| June | 8,023 | 28,490 | 19,662 | 56,175 |
| July | 6,138 | 26,779 | 19,462 | 52,379 |
| August | 7,146 | 27,345 | 20,582 | 55,073 |
| September | 4,676 | 24,412 | 17,891 | 46,979 |
| October | 2,452 | 25,864 | 19,291 | 47,607 |
| November | 1,399 | 24,777 | 17,924 | 44,100 |
| December | 1,208 | 27,182 | 19,753 | 48,143 |
| **1988 Total** | **58,518** | **297,794** | **219,271** | **575,583** |

See footnotes at end of table.

## Table 45. Volumes of First Sales of Motor Gasoline by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | Unleaded Regular | Premium | Total |
|---|---|---|---|---|
| **Vermont** | | | | |
| January | 1,777 | 6,119 | 3,346 | 11,242 |
| February | 1,650 | 5,622 | 2,958 | 10,230 |
| March | 1,671 | 6,081 | 3,025 | 10,777 |
| April | 2,261 | 8,318 | 4,328 | 14,907 |
| May | 3,289 | 9,418 | 4,889 | 17,596 |
| June | 2,939 | 10,275 | 5,468 | 18,682 |
| July | 2,723 | 10,150 | 5,775 | 18,648 |
| August | 3,147 | 11,282 | 6,146 | 20,575 |
| September | 2,452 | 9,623 | 5,332 | 17,407 |
| October | 2,288 | 9,318 | 5,540 | 17,146 |
| November | 1,854 | 9,905 | 5,005 | 16,764 |
| December | 2,080 | 9,704 | 6,257 | 18,041 |
| **1988 Total** | **28,131** | **105,815** | **58,069** | **192,015** |
| **Subdistrict IB Total** | | | | |
| January | 139,464 | 683,487 | 451,491 | 1,274,442 |
| February | 138,206 | 686,415 | 457,393 | 1,282,014 |
| March | 145,466 | 780,396 | 494,875 | 1,420,737 |
| April | 149,038 | 788,582 | 495,590 | 1,433,210 |
| May | 155,658 | 841,891 | 532,125 | 1,529,674 |
| June | 149,780 | 847,852 | 537,601 | 1,535,233 |
| July | 146,559 | 910,554 | 560,755 | 1,617,868 |
| August | 146,018 | 897,959 | 558,878 | 1,602,855 |
| September | 125,095 | 823,428 | 516,237 | 1,464,760 |
| October | 104,027 | 828,309 | 537,887 | 1,470,223 |
| November | 88,586 | 857,956 | 525,798 | 1,472,340 |
| December | 80,363 | 936,044 | 565,973 | 1,582,380 |
| **1988 Total** | **1,568,260** | **9,882,873** | **6,234,603** | **17,685,736** |
| **Delaware** | | | | |
| January | 2,358 | 13,677 | 6,966 | 23,001 |
| February | 2,615 | 14,280 | 9,966 | 26,861 |
| March | 2,201 | 16,319 | 7,447 | 25,967 |
| April | 2,287 | 16,306 | 8,745 | 27,338 |
| May | 2,564 | 18,168 | 12,696 | 33,428 |
| June | 1,942 | 17,760 | 8,608 | 28,310 |
| July | 2,592 | 19,050 | 8,792 | 30,434 |
| August | 2,180 | 21,019 | 12,004 | 35,203 |
| September | 1,576 | 19,028 | 8,963 | 29,567 |
| October | 1,386 | 20,460 | 9,173 | 31,019 |
| November | 1,344 | 19,264 | 12,365 | 32,973 |
| December | 1,099 | 19,405 | 12,383 | 32,887 |
| **1988 Total** | **24,144** | **214,736** | **118,108** | **356,988** |
| **District of Columbia** | | | | |
| January | 546 | 7,785 | 7,634 | 15,965 |
| February | 843 | 8,521 | 7,956 | 17,320 |
| March | 856 | 9,008 | 8,349 | 18,213 |
| April | 340 | 6,242 | 7,836 | 14,418 |
| May | 316 | 6,279 | 7,754 | 14,349 |
| June | 403 | 6,297 | 7,848 | 14,548 |
| July | 303 | 6,147 | 7,640 | 14,090 |
| August | 265 | 6,526 | 7,879 | 14,670 |
| September | 169 | 6,139 | 7,516 | 13,824 |
| October | 160 | 7,185 | 7,909 | 15,254 |
| November | 297 | 6,337 | 7,640 | 14,274 |
| December | 165 | 6,660 | 8,272 | 15,097 |
| **1988 Total** | **4,663** | **83,126** | **94,233** | **182,022** |

See footnotes at end of table.

## Table 45. Volumes of First Sales of Motor Gasoline by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | Unleaded Regular | Premium | Total |
|---|---|---|---|---|
| **Maryland** | | | | |
| January | 12,229 | 82,245 | 55,456 | 149,930 |
| February | 11,853 | 82,113 | 52,968 | 146,934 |
| March | 12,672 | 89,331 | 57,098 | 159,101 |
| April | 12,771 | 86,488 | 56,857 | 156,116 |
| May | 13,094 | 88,955 | 59,088 | 161,137 |
| June | 11,293 | 92,357 | 60,646 | 164,296 |
| July | 10,549 | 89,003 | 60,909 | 160,461 |
| August | 10,824 | 97,663 | 62,562 | 171,049 |
| September | 7,692 | 90,714 | 58,416 | 156,822 |
| October | 6,596 | 95,390 | 60,709 | 162,695 |
| November | 5,390 | 91,269 | 57,975 | 154,634 |
| December | 4,660 | 97,898 | 62,729 | 165,287 |
| **1988 Total** | **119,623** | **1,083,426** | **705,413** | **1,908,462** |
| **New Jersey** | | | | |
| January | 24,777 | 161,647 | 131,160 | 317,584 |
| February | 24,917 | 167,378 | 144,919 | 337,214 |
| March | 24,705 | 205,839 | 155,599 | 386,143 |
| April | 20,529 | 188,410 | 146,097 | 355,036 |
| May | 24,203 | 228,332 | 160,405 | 412,940 |
| June | 23,678 | 227,385 | 159,473 | 410,536 |
| July | 23,352 | 270,103 | 165,063 | 458,518 |
| August | 27,194 | 244,118 | 158,299 | 429,611 |
| September | 20,261 | 239,070 | 150,253 | 409,584 |
| October | 14,821 | 211,259 | 149,268 | 375,348 |
| November | 12,762 | 248,377 | 151,517 | 412,656 |
| December | 12,533 | 288,132 | 168,850 | 469,515 |
| **1988 Total** | **253,732** | **2,680,050** | **1,840,903** | **4,774,685** |
| **New York** | | | | |
| January | 42,314 | 208,105 | 146,378 | 396,797 |
| February | 41,895 | 201,110 | 141,162 | 384,167 |
| March | 42,599 | 217,661 | 154,993 | 415,253 |
| April | 44,162 | 225,817 | 159,508 | 429,487 |
| May | 50,093 | 243,669 | 172,677 | 466,439 |
| June | 51,101 | 238,204 | 176,460 | 465,765 |
| July | 49,252 | 240,702 | 184,895 | 474,849 |
| August | 49,870 | 262,036 | 186,007 | 497,913 |
| September | 41,284 | 232,629 | 172,388 | 446,301 |
| October | 37,723 | 239,250 | 181,570 | 458,543 |
| November | 30,238 | 236,265 | 173,450 | 439,953 |
| December | 28,745 | 255,009 | 185,870 | 469,624 |
| **1988 Total** | **509,276** | **2,800,457** | **2,035,358** | **5,345,091** |
| **Pennsylvania** | | | | |
| January | 57,240 | 210,028 | 103,897 | 371,165 |
| February | 56,083 | 213,013 | 100,422 | 369,518 |
| March | 62,433 | 242,238 | 111,389 | 416,060 |
| April | 68,949 | 265,319 | 116,547 | 450,815 |
| May | 65,388 | 256,488 | 119,505 | 441,381 |
| June | 61,363 | 265,849 | 124,566 | 451,778 |
| July | 60,511 | 285,549 | 133,456 | 479,516 |
| August | 55,685 | 266,597 | 132,127 | 454,409 |
| September | 54,113 | 235,848 | 118,701 | 408,662 |
| October | 43,341 | 254,765 | 129,258 | 427,364 |
| November | 38,555 | 256,444 | 122,851 | 417,850 |
| December | 33,161 | 268,940 | 127,869 | 429,970 |
| **1988 Total** | **656,822** | **3,021,078** | **1,440,588** | **5,118,488** |

See footnotes at end of table.

# Table 45. Volumes of First Sales of Motor Gasoline by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | Unleaded Regular | Premium | Total |
|---|---|---|---|---|
| **Subdistrict IC Total** | | | | |
| January | 244,026 | 717,791 | 419,586 | 1,381,403 |
| February | 247,885 | 739,256 | 428,991 | 1,416,132 |
| March | 285,454 | 826,566 | 479,360 | 1,591,380 |
| April | 272,093 | 794,348 | 468,772 | 1,535,213 |
| May | 276,808 | 788,980 | 474,552 | 1,540,340 |
| June | 268,380 | 809,461 | 489,220 | 1,567,061 |
| July | 248,711 | 808,890 | 493,476 | 1,551,077 |
| August | 245,727 | 856,748 | 497,830 | 1,600,305 |
| September | 229,528 | 789,909 | 463,529 | 1,482,966 |
| October | 224,762 | 830,200 | 477,460 | 1,532,422 |
| November | 202,949 | 830,324 | 475,979 | 1,509,252 |
| December | 200,047 | 880,988 | 510,555 | 1,591,590 |
| **1988 Total** | **2,946,370** | **9,673,461** | **5,679,310** | **18,299,141** |
| **Florida** | | | | |
| January | 68,297 | 265,216 | 169,749 | 503,262 |
| February | 67,041 | 265,341 | 171,867 | 504,249 |
| March | 76,831 | 295,075 | 189,441 | 561,347 |
| April | 72,265 | 276,586 | 182,558 | 531,409 |
| May | 73,313 | 258,742 | 177,876 | 509,931 |
| June | 68,885 | 261,436 | 179,053 | 509,374 |
| July | 67,587 | 268,730 | 181,608 | 517,925 |
| August | 58,623 | 283,936 | 178,294 | 520,853 |
| September | 54,141 | 263,545 | 170,911 | 488,597 |
| October | 57,287 | 273,507 | 176,128 | 506,922 |
| November | 53,518 | 271,369 | 176,974 | 501,861 |
| December | 54,940 | 288,310 | 189,543 | 532,793 |
| **1988 Total** | **772,728** | **3,271,793** | **2,144,002** | **6,188,523** |
| **Georgia** | | | | |
| January | 51,189 | 125,300 | 75,049 | 251,538 |
| February | 53,661 | 132,673 | 78,839 | 265,173 |
| March | 60,545 | 148,853 | 87,796 | 297,194 |
| April | 58,907 | 144,133 | 86,071 | 289,111 |
| May | 59,027 | 143,963 | 88,393 | 291,383 |
| June | 56,028 | 146,950 | 91,725 | 294,703 |
| July | 50,925 | 145,511 | 90,051 | 286,487 |
| August | 53,009 | 155,827 | 93,357 | 302,193 |
| September | 51,042 | 141,535 | 85,402 | 277,979 |
| October | 49,679 | 149,693 | 86,466 | 285,838 |
| November | 45,864 | 147,544 | 87,386 | 280,794 |
| December | 46,836 | 156,668 | 93,772 | 297,276 |
| **1988 Total** | **636,712** | **1,738,650** | **1,044,307** | **3,419,669** |
| **North Carolina** | | | | |
| January | 51,778 | 118,887 | 66,001 | 236,666 |
| February | 54,645 | 129,628 | 68,575 | 252,848 |
| March | 64,382 | 144,900 | 79,314 | 288,596 |
| April | 59,431 | 137,274 | 76,711 | 273,416 |
| May | 60,838 | 142,187 | 79,760 | 282,785 |
| June | 61,624 | 147,328 | 85,605 | 294,557 |
| July | 56,205 | 145,679 | 85,003 | 286,887 |
| August | 59,169 | 158,239 | 87,733 | 305,141 |
| September | 54,788 | 145,259 | 80,566 | 280,613 |
| October | 53,222 | 150,146 | 82,172 | 285,540 |
| November | 46,119 | 155,755 | 82,707 | 284,581 |
| December | 45,443 | 165,343 | 90,146 | 300,932 |
| **1988 Total** | **667,644** | **1,740,625** | **964,293** | **3,372,562** |

See footnotes at end of table.

## Table 45. Volumes of First Sales of Motor Gasoline by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | Unleaded Regular | Premium | Total |
|---|---|---|---|---|
| **South Carolina** | | | | |
| January | 28,902 | 62,259 | 27,602 | 118,763 |
| February | 29,922 | 65,890 | 29,415 | 125,227 |
| March | 34,545 | 74,878 | 33,523 | 142,946 |
| April | 32,641 | 73,973 | 33,641 | 140,255 |
| May | 32,085 | 75,614 | 34,532 | 142,231 |
| June | 31,858 | 77,712 | 36,432 | 146,002 |
| July | 28,924 | 76,464 | 36,778 | 142,166 |
| August | 28,949 | 79,336 | 36,694 | 144,979 |
| September | 27,344 | 74,280 | 33,505 | 135,129 |
| October | 28,207 | 78,954 | 34,994 | 142,155 |
| November | 22,860 | 80,469 | 33,908 | 137,237 |
| December | 23,819 | 84,925 | 36,637 | 145,381 |
| **1988 Total** | **350,056** | **904,754** | **407,661** | **1,662,471** |
| **Virginia** | | | | |
| January | 33,624 | 124,705 | 68,111 | 226,440 |
| February | 32,563 | 123,721 | 67,091 | 223,375 |
| March | 37,784 | 137,298 | 74,030 | 249,112 |
| April | 37,458 | 137,350 | 75,060 | 249,868 |
| May | 38,996 | 140,566 | 77,989 | 257,551 |
| June | 37,976 | 148,453 | 80,188 | 266,617 |
| July | 35,132 | 143,976 | 83,373 | 262,481 |
| August | 35,252 | 150,378 | 84,682 | 270,312 |
| September | 33,073 | 138,327 | 77,736 | 249,136 |
| October | 29,145 | 146,194 | 80,809 | 256,148 |
| November | 27,603 | 143,965 | 79,325 | 250,893 |
| December | 22,840 | 154,450 | 84,428 | 261,718 |
| **1988 Total** | **401,446** | **1,689,383** | **932,822** | **3,023,651** |
| **West Virginia** | | | | |
| January | 10,236 | 21,424 | 13,074 | 44,734 |
| February | 10,053 | 22,003 | 13,204 | 45,260 |
| March | 11,367 | 25,562 | 15,256 | 52,185 |
| April | 11,391 | 25,032 | 14,731 | 51,154 |
| May | 12,549 | 27,908 | 16,002 | 56,459 |
| June | 12,009 | 27,582 | 16,217 | 55,808 |
| July | 9,938 | 28,530 | 16,663 | 55,131 |
| August | 10,725 | 29,032 | 17,070 | 56,827 |
| September | 9,140 | 26,963 | 15,409 | 51,512 |
| October | 7,222 | 31,706 | 16,891 | 55,819 |
| November | 6,985 | 31,222 | 15,679 | 53,886 |
| December | 6,169 | 31,292 | 16,029 | 53,490 |
| **1988 Total** | **117,784** | **328,256** | **186,225** | **632,265** |
| **PAD District II Total** | | | | |
| January | 538,494 | 1,618,593 | 426,644 | 2,583,731 |
| February | 504,196 | 1,591,405 | 395,249 | 2,490,850 |
| March | 584,575 | 1,779,377 | 440,915 | 2,804,867 |
| April | 583,216 | 1,764,598 | 433,878 | 2,781,692 |
| May | 596,925 | 1,824,035 | 449,928 | 2,870,888 |
| June | 613,460 | 1,941,340 | 503,408 | 3,058,208 |
| July | 543,470 | 1,956,550 | 508,052 | 3,008,072 |
| August | 540,527 | 1,997,741 | 513,823 | 3,052,091 |
| September | 513,795 | 1,840,078 | 475,617 | 2,829,490 |
| October | 498,355 | 1,947,343 | 513,435 | 2,959,134 |
| November | 433,191 | 1,860,760 | 494,649 | 2,788,600 |
| December | 411,589 | 2,004,384 | 555,470 | 2,971,443 |
| **1988 Total** | **6,361,793** | **22,126,204** | **5,711,068** | **34,199,065** |

See footnotes at end of table.

## Table 45. Volumes of First Sales of Motor Gasoline by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | Unleaded Regular | Premium | Total |
|---|---|---|---|---|
| **Illinois** | | | | |
| January | 45,942 | 218,870 | 73,900 | 338,712 |
| February | 41,319 | 212,527 | 62,521 | 316,367 |
| March | 47,015 | 236,167 | 70,503 | 353,685 |
| April | 55,135 | 231,596 | 70,333 | 357,064 |
| May | 50,892 | 237,048 | 72,586 | 360,526 |
| June | 50,247 | 250,637 | 79,340 | 380,224 |
| July | 43,670 | 262,644 | 80,098 | 386,412 |
| August | 40,312 | 254,718 | 80,101 | 375,131 |
| September | 38,389 | 233,448 | 76,449 | 348,286 |
| October | 39,930 | 254,202 | 82,248 | 376,380 |
| November | 27,894 | 238,932 | 78,748 | 345,574 |
| December | 29,187 | 267,462 | 94,486 | 391,135 |
| **1988 Total** | **509,932** | **2,898,251** | **921,313** | **4,329,496** |
| **Indiana** | | | | |
| January | 39,427 | 130,239 | 29,683 | 199,349 |
| February | 36,278 | 122,754 | 25,528 | 184,560 |
| March | 42,422 | 139,899 | 29,245 | 211,566 |
| April | 41,244 | 137,797 | 27,634 | 206,675 |
| May | 42,749 | 140,996 | 29,579 | 213,324 |
| June | 40,265 | 148,679 | 33,428 | 222,372 |
| July | 36,097 | 153,140 | 35,006 | 224,243 |
| August | 35,755 | 161,464 | 34,411 | 231,630 |
| September | 34,178 | 149,916 | 32,723 | 216,817 |
| October | 32,822 | 165,258 | 43,285 | 241,365 |
| November | 26,495 | 155,155 | 44,307 | 225,957 |
| December | 25,692 | 170,097 | 42,351 | 238,140 |
| **1988 Total** | **433,424** | **1,775,394** | **407,180** | **2,615,998** |
| **Iowa** | | | | |
| January | 29,697 | 62,189 | 8,790 | 100,676 |
| February | 29,744 | 60,683 | 8,163 | 98,590 |
| March | 36,924 | 66,978 | 8,690 | 112,592 |
| April | 34,067 | 66,718 | 8,664 | 109,449 |
| May | 34,213 | 67,640 | 8,798 | 110,651 |
| June | 34,497 | 73,295 | 10,261 | 118,053 |
| July | 32,088 | 74,040 | 10,480 | 116,608 |
| August | 31,193 | 76,847 | 11,467 | 119,507 |
| September | 34,424 | 72,355 | 10,096 | 116,875 |
| October | 30,444 | 74,921 | 10,847 | 116,212 |
| November | 26,481 | 73,234 | 10,650 | 110,365 |
| December | 25,723 | 81,703 | 10,929 | 118,355 |
| **1988 Total** | **379,495** | **850,603** | **117,835** | **1,347,933** |
| **Kansas** | | | | |
| January | 33,940 | 81,017 | 7,738 | 122,695 |
| February | 32,416 | 78,589 | 7,569 | 118,574 |
| March | 37,350 | 91,379 | 8,463 | 137,192 |
| April | 38,843 | 90,476 | 8,758 | 138,077 |
| May | 39,004 | 90,187 | 8,896 | 138,087 |
| June | 41,168 | 104,849 | 10,329 | 156,346 |
| July | 34,019 | 113,738 | 10,642 | 158,399 |
| August | 34,803 | 105,230 | 10,919 | 150,952 |
| September | 32,935 | 88,039 | 10,178 | 131,152 |
| October | 33,143 | 101,765 | 10,478 | 145,386 |
| November | 31,022 | 93,991 | 11,432 | 136,445 |
| December | 28,433 | 89,885 | 10,956 | 129,274 |
| **1988 Total** | **417,076** | **1,129,145** | **116,358** | **1,662,579** |

See footnotes at end of table.

## Table 45. Volumes of First Sales of Motor Gasoline by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | Unleaded Regular | Premium | Total |
|---|---|---|---|---|
| **Kentucky** | | | | |
| January | 37,160 | 71,437 | 29,290 | 137,887 |
| February | 36,230 | 70,644 | 28,214 | 135,088 |
| March | 42,573 | 81,267 | 32,215 | 156,055 |
| April | 43,990 | 84,237 | 33,792 | 162,019 |
| May | 44,094 | 84,344 | 34,453 | 162,891 |
| June | 43,264 | 85,408 | 35,880 | 164,552 |
| July | 37,325 | 85,244 | 36,009 | 158,578 |
| August | 38,573 | 84,348 | 35,692 | 158,613 |
| September | 37,197 | 82,643 | 33,588 | 153,428 |
| October | 36,016 | 83,843 | 35,705 | 155,564 |
| November | 32,840 | 81,942 | 34,681 | 149,463 |
| December | 31,379 | 87,389 | 36,459 | 155,227 |
| **1988 Total** | **460,641** | **982,746** | **405,978** | **1,849,365** |
| **Michigan** | | | | |
| January | 49,584 | 222,661 | 55,830 | 328,075 |
| February | 48,070 | 215,128 | 54,023 | 317,221 |
| March | 50,636 | 234,189 | 59,774 | 344,599 |
| April | 50,787 | 233,010 | 56,703 | 340,500 |
| May | 56,741 | 248,076 | 60,950 | 365,767 |
| June | 56,938 | 258,845 | 66,452 | 382,235 |
| July | 53,921 | 264,097 | 71,464 | 389,482 |
| August | 52,506 | 272,977 | 68,640 | 394,123 |
| September | 44,585 | 251,235 | 64,331 | 360,151 |
| October | 40,353 | 263,236 | 69,404 | 372,993 |
| November | 33,716 | 248,385 | 64,497 | 346,598 |
| December | 34,175 | 265,049 | 72,562 | 371,786 |
| **1988 Total** | **572,012** | **2,976,888** | **764,630** | **4,313,530** |
| **Minnesota** | | | | |
| January | 31,776 | 95,861 | 19,470 | 147,107 |
| February | 31,962 | 103,564 | 18,127 | 153,653 |
| March | 35,760 | 108,025 | 21,540 | 165,325 |
| April | 38,801 | 111,868 | 20,456 | 171,125 |
| May | 36,100 | 105,843 | 16,653 | 158,596 |
| June | 38,796 | 120,302 | 23,589 | 182,687 |
| July | 36,745 | 117,391 | 23,007 | 177,143 |
| August | 35,210 | 121,170 | 20,686 | 177,066 |
| September | 36,894 | 113,837 | 20,677 | 171,408 |
| October | 34,186 | 120,662 | 22,991 | 177,839 |
| November | 29,454 | 114,934 | 21,634 | 166,022 |
| December | 27,259 | 125,152 | 25,091 | 177,502 |
| **1988 Total** | **412,943** | **1,358,609** | **253,921** | **2,025,473** |
| **Missouri** | | | | |
| January | 50,415 | 115,053 | 27,194 | 192,662 |
| February | 48,046 | 110,170 | 25,803 | 184,019 |
| March | 58,943 | 125,924 | 28,732 | 213,599 |
| April | 54,694 | 121,371 | 27,900 | 203,965 |
| May | 58,235 | 130,564 | 30,870 | 219,669 |
| June | 60,373 | 137,150 | 38,847 | 236,370 |
| July | 51,948 | 137,543 | 37,476 | 226,967 |
| August | 53,566 | 140,430 | 39,220 | 233,216 |
| September | 48,894 | 126,598 | 33,466 | 208,958 |
| October | 49,345 | 135,223 | 34,995 | 219,563 |
| November | 42,692 | 124,408 | 33,636 | 200,736 |
| December | 42,706 | 136,783 | 37,423 | 216,912 |
| **1988 Total** | **619,857** | **1,541,217** | **395,562** | **2,556,636** |

See footnotes at end of table.

## Table 45. Volumes of First Sales of Motor Gasoline by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | Unleaded Regular | Premium | Total |
|---|---|---|---|---|
| **Nebraska** | | | | |
| January | 17,662 | 35,972 | 3,256 | 56,890 |
| February | 17,264 | 35,972 | 3,163 | 56,399 |
| March | 20,796 | 40,370 | 3,098 | 64,264 |
| April | 19,792 | 38,988 | 2,945 | 61,725 |
| May | 20,110 | 39,785 | 3,124 | 63,019 |
| June | 24,311 | 46,680 | 3,729 | 74,720 |
| July | 20,081 | 43,153 | 3,557 | 66,791 |
| August | 19,597 | 45,940 | 4,016 | 69,553 |
| September | 21,441 | 43,187 | 3,383 | 68,011 |
| October | 21,429 | 44,168 | 3,469 | 69,066 |
| November | 16,889 | 41,800 | 3,307 | 61,996 |
| December | 14,948 | 43,663 | 3,558 | 62,169 |
| **1988 Total** | **234,320** | **499,678** | **40,605** | **774,603** |
| **North Dakota** | | | | |
| January | 7,661 | 15,730 | 1,430 | 24,821 |
| February | 7,532 | 16,128 | 1,375 | 25,035 |
| March | 9,377 | 16,928 | 1,352 | 27,657 |
| April | 9,500 | 16,553 | 1,473 | 27,526 |
| May | 8,788 | 16,012 | 1,473 | 26,273 |
| June | 10,176 | 19,991 | 1,690 | 31,857 |
| July | 11,943 | 19,187 | 1,987 | 33,117 |
| August | 9,553 | 17,695 | 1,849 | 29,097 |
| September | 8,927 | 17,559 | 1,523 | 28,009 |
| October | 9,250 | 17,797 | 1,638 | 28,685 |
| November | 7,361 | 18,057 | 1,647 | 27,065 |
| December | 6,645 | 17,941 | 1,655 | 26,241 |
| **1988 Total** | **106,713** | **209,578** | **19,092** | **335,383** |
| **Ohio** | | | | |
| January | 67,188 | 255,543 | 78,840 | 401,571 |
| February | 52,371 | 244,316 | 72,355 | 369,042 |
| March | 56,075 | 263,250 | 78,146 | 397,471 |
| April | 51,692 | 270,758 | 78,916 | 401,366 |
| May | 56,900 | 285,865 | 81,009 | 423,774 |
| June | 56,293 | 303,856 | 89,014 | 449,163 |
| July | 48,150 | 292,848 | 87,282 | 428,280 |
| August | 48,999 | 306,651 | 94,185 | 449,835 |
| September | 42,939 | 283,969 | 83,680 | 410,588 |
| October | 40,373 | 298,083 | 87,063 | 425,519 |
| November | 35,555 | 285,152 | 81,969 | 402,676 |
| December | 34,445 | 321,864 | 102,974 | 459,283 |
| **1988 Total** | **590,980** | **3,412,155** | **1,015,433** | **5,018,568** |
| **Oklahoma** | | | | |
| January | 44,569 | 89,875 | 14,538 | 148,982 |
| February | 40,304 | 91,719 | 14,476 | 146,499 |
| March | 50,673 | 113,167 | 16,553 | 180,393 |
| April | 52,761 | 106,748 | 16,417 | 175,926 |
| May | 50,321 | 110,663 | 16,442 | 177,426 |
| June | 54,699 | 109,117 | 18,109 | 181,925 |
| July | 45,956 | 109,487 | 18,301 | 173,744 |
| August | 49,280 | 119,568 | 17,979 | 186,827 |
| September | 46,767 | 111,034 | 18,162 | 175,963 |
| October | 48,019 | 109,429 | 19,562 | 177,010 |
| November | 49,630 | 112,136 | 19,703 | 181,469 |
| December | 42,566 | 110,350 | 20,300 | 173,216 |
| **1988 Total** | **575,545** | **1,293,293** | **210,542** | **2,079,380** |

See footnotes at end of table.

# Table 45. Volumes of First Sales of Motor Gasoline by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | Unleaded Regular | Premium | Total |
|---|---|---|---|---|
| **South Dakota** | | | | |
| January | 9,503 | 15,655 | 1,071 | 26,229 |
| February | 9,081 | 16,235 | 1,148 | 26,464 |
| March | 12,287 | 20,038 | 1,229 | 33,554 |
| April | 9,565 | 17,365 | 1,192 | 28,122 |
| May | 9,555 | 17,140 | 1,425 | 28,120 |
| June | 12,785 | 22,865 | 1,842 | 37,492 |
| July | 12,008 | 23,006 | 1,961 | 36,975 |
| August | 9,920 | 22,396 | 2,019 | 34,335 |
| September | 9,728 | 18,760 | 1,472 | 29,960 |
| October | 10,188 | 20,165 | 1,501 | 31,854 |
| November | 8,750 | 20,098 | 1,388 | 30,236 |
| December | 7,360 | 19,190 | 1,266 | 27,816 |
| **1988 Total** | **120,730** | **232,913** | **17,514** | **371,157** |
| **Tennessee** | | | | |
| January | 43,189 | 111,867 | 50,842 | 205,898 |
| February | 43,576 | 114,744 | 50,162 | 208,482 |
| March | 51,300 | 134,676 | 58,421 | 244,397 |
| April | 49,844 | 132,020 | 57,163 | 239,027 |
| May | 51,970 | 135,501 | 59,954 | 247,425 |
| June | 50,332 | 137,107 | 63,192 | 250,631 |
| July | 45,644 | 136,115 | 62,157 | 243,916 |
| August | 49,052 | 144,965 | 64,874 | 258,891 |
| September | 45,397 | 130,447 | 59,573 | 235,417 |
| October | 42,817 | 139,287 | 61,932 | 244,036 |
| November | 38,532 | 136,678 | 59,951 | 235,161 |
| December | 37,123 | 143,418 | 64,100 | 244,641 |
| **1988 Total** | **548,776** | **1,596,825** | **712,321** | **2,857,922** |
| **Wisconsin** | | | | |
| January | 30,781 | 96,624 | 24,772 | 152,177 |
| February | 30,003 | 98,232 | 22,622 | 150,857 |
| March | 32,444 | 107,120 | 22,954 | 162,518 |
| April | 32,501 | 105,093 | 21,532 | 159,126 |
| May | 37,253 | 114,371 | 23,716 | 175,340 |
| June | 39,316 | 122,559 | 27,706 | 189,581 |
| July | 33,875 | 124,917 | 28,625 | 187,417 |
| August | 32,208 | 123,342 | 27,765 | 183,315 |
| September | 31,100 | 117,051 | 26,316 | 174,467 |
| October | 30,040 | 119,304 | 28,317 | 177,661 |
| November | 25,880 | 115,858 | 27,099 | 168,837 |
| December | 23,948 | 124,438 | 31,360 | 179,746 |
| **1988 Total** | **379,349** | **1,368,909** | **312,784** | **2,061,042** |
| **PAD District III Total** | | | | |
| January | 322,638 | 887,814 | 299,455 | 1,509,907 |
| February | 315,622 | 948,832 | 314,609 | 1,579,063 |
| March | 364,419 | 1,139,680 | 373,111 | 1,877,210 |
| April | 349,017 | 1,096,095 | 365,880 | 1,810,992 |
| May | 363,830 | 1,066,044 | 389,823 | 1,819,697 |
| June | 361,130 | 1,107,911 | 421,364 | 1,890,405 |
| July | 328,973 | 1,142,927 | 371,984 | 1,843,884 |
| August | 318,506 | 1,172,960 | 371,633 | 1,863,099 |
| September | 297,426 | 1,072,433 | 351,187 | 1,721,046 |
| October | 287,143 | 1,130,055 | 329,508 | 1,746,706 |
| November | 268,521 | 1,073,779 | 338,483 | 1,680,784 |
| December | 273,471 | 1,126,152 | 373,365 | 1,772,988 |
| **1988 Total** | **3,850,695** | **12,964,683** | **4,300,402** | **21,115,780** |

See footnotes at end of table.

## Table 45. Volumes of First Sales of Motor Gasoline by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | Unleaded Regular | Premium | Total |
|---|---|---|---|---|
| **Alabama** | | | | |
| January | 30,785 | 78,618 | 36,153 | 145,556 |
| February | 33,907 | 80,116 | 39,579 | 153,602 |
| March | 35,498 | 93,014 | 41,279 | 169,791 |
| April | 35,812 | 93,667 | 40,338 | 169,817 |
| May | 37,629 | 100,223 | 48,937 | 186,789 |
| June | 36,919 | 108,669 | 47,269 | 192,857 |
| July | 33,468 | 113,056 | 45,842 | 192,366 |
| August | 36,465 | 105,743 | 45,687 | 187,895 |
| September | 31,649 | 106,301 | 42,248 | 180,198 |
| October | 29,456 | 110,617 | 41,516 | 181,589 |
| November | 28,019 | 119,692 | 43,645 | 191,356 |
| December | 30,505 | 136,271 | 49,180 | 215,956 |
| **1988 Total** | **400,112** | **1,245,987** | **521,673** | **2,167,772** |
| **Arkansas** | | | | |
| January | 28,163 | 43,212 | 15,795 | 87,170 |
| February | 28,994 | 47,006 | 15,743 | 91,743 |
| March | 32,336 | 53,119 | 18,524 | 103,979 |
| April | 31,122 | 53,138 | 18,365 | 102,625 |
| May | 32,125 | 53,147 | 19,779 | 105,051 |
| June | 33,552 | 60,252 | 21,844 | 115,648 |
| July | 28,177 | 55,111 | 21,121 | 104,409 |
| August | 28,132 | 54,871 | 20,974 | 103,977 |
| September | 27,385 | 52,038 | 20,657 | 100,080 |
| October | 27,856 | 57,717 | 20,940 | 106,513 |
| November | 25,211 | 54,083 | 20,952 | 100,246 |
| December | 25,342 | 56,689 | 22,145 | 104,176 |
| **1988 Total** | **348,395** | **640,383** | **236,839** | **1,225,617** |
| **Louisiana** | | | | |
| January | 32,177 | 92,803 | 49,648 | 174,628 |
| February | 30,546 | 106,691 | 55,758 | 192,995 |
| March | 39,651 | 129,385 | 56,215 | 225,251 |
| April | 36,543 | 112,753 | 50,724 | 200,020 |
| May | 38,159 | 106,950 | 62,337 | 207,446 |
| June | 43,760 | 119,875 | 56,882 | 220,517 |
| July | 36,812 | 122,635 | 58,022 | 217,469 |
| August | 35,822 | 125,876 | 58,155 | 219,853 |
| September | 32,837 | 106,700 | 57,229 | 196,766 |
| October | 27,268 | 105,417 | 51,725 | 184,410 |
| November | 25,297 | 104,932 | 49,970 | 180,199 |
| December | 25,829 | 120,436 | 57,167 | 203,431 |
| **1988 Total** | **404,700** | **1,354,453** | **663,832** | **2,422,985** |
| **Mississippi** | | | | |
| January | 26,672 | 70,680 | 20,742 | 118,094 |
| February | 26,247 | 81,222 | 20,291 | 127,760 |
| March | 34,314 | 95,878 | 25,904 | 156,096 |
| April | 29,745 | 94,784 | 22,277 | 146,806 |
| May | 29,602 | 100,246 | 24,221 | 154,069 |
| June | 29,697 | 95,042 | 25,221 | 149,960 |
| July | 24,624 | 67,988 | 24,765 | 117,377 |
| August | 27,713 | 61,850 | 26,402 | 115,965 |
| September | 27,112 | 61,250 | 22,643 | 111,005 |
| October | 22,042 | 59,788 | 22,822 | 104,652 |
| November | 23,054 | 66,942 | 25,511 | 115,508 |
| December | 25,417 | 84,118 | 27,555 | 137,090 |
| **1988 Total** | **326,239** | **939,788** | **288,354** | **1,554,382** |

See footnotes at end of table.

## Table 45. Volumes of First Sales of Motor Gasoline by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | Unleaded Regular | Premium | Total |
|---|---|---|---|---|
| **New Mexico** | | | | |
| January | 20,718 | 34,704 | 4,424 | 59,846 |
| February | 20,577 | 34,914 | 4,358 | 59,849 |
| March | 23,493 | 38,726 | 5,170 | 67,389 |
| April | 22,869 | 36,102 | 5,273 | 64,244 |
| May | 24,638 | 38,361 | 5,300 | 68,299 |
| June | 23,690 | 39,059 | 5,976 | 68,725 |
| July | 22,610 | 40,010 | 6,605 | 69,225 |
| August | 23,591 | 43,215 | 6,995 | 73,801 |
| September | 21,484 | 37,781 | 5,917 | 65,182 |
| October | 22,086 | 39,231 | 5,993 | 67,310 |
| November | 20,492 | 36,813 | 5,788 | 63,093 |
| December | 19,085 | 38,255 | 6,186 | 63,526 |
| **1988 Total** | **265,333** | **457,171** | **67,985** | **790,489** |
| **Texas** | | | | |
| January | 184,123 | 567,797 | 172,693 | 924,613 |
| February | 175,351 | 598,883 | 178,880 | 953,114 |
| March | 199,127 | 729,558 | 226,019 | 1,154,704 |
| April | 192,926 | 705,651 | 228,903 | 1,127,480 |
| May | 201,677 | 667,117 | 229,249 | 1,098,043 |
| June | 193,512 | 685,014 | 264,172 | 1,142,698 |
| July | 183,282 | 744,127 | 215,629 | 1,143,038 |
| August | 166,783 | 781,405 | 213,420 | 1,161,608 |
| September | 156,959 | 708,363 | 202,493 | 1,067,815 |
| October | 158,435 | 757,285 | 186,512 | 1,102,232 |
| November | 146,448 | 691,317 | 192,617 | 1,030,382 |
| December | 147,293 | 690,384 | 211,132 | 1,048,809 |
| **1988 Total** | **2,105,916** | **8,326,901** | **2,521,719** | **12,954,536** |
| **PAD District IV Total** | | | | |
| January | 90,868 | 141,622 | 27,860 | 260,350 |
| February | 88,038 | 141,195 | 27,411 | 256,644 |
| March | 106,381 | 167,581 | 30,328 | 304,290 |
| April | 99,713 | 156,191 | 29,292 | 285,196 |
| May | 110,270 | 165,851 | 30,496 | 306,617 |
| June | 119,566 | 181,303 | 36,735 | 337,604 |
| July | 126,126 | 191,225 | 40,119 | 357,470 |
| August | 120,712 | 191,182 | 41,358 | 353,252 |
| September | 105,556 | 163,373 | 37,409 | 306,338 |
| October | 103,014 | 159,766 | 35,332 | 298,112 |
| November | 93,283 | 158,992 | 35,596 | 287,871 |
| December | 88,855 | 164,586 | 38,207 | 291,648 |
| **1988 Total** | **1,252,382** | **1,982,867** | **410,143** | **3,645,392** |
| **Colorado** | | | | |
| January | 36,736 | 68,804 | 16,314 | 121,854 |
| February | 34,672 | 67,116 | 15,605 | 117,393 |
| March | 40,244 | 79,353 | 16,279 | 135,876 |
| April | 39,943 | 73,898 | 15,592 | 129,433 |
| May | 42,476 | 77,500 | 15,920 | 135,896 |
| June | 44,387 | 80,347 | 18,436 | 143,170 |
| July | 46,020 | 85,047 | 19,761 | 150,828 |
| August | 45,332 | 85,009 | 21,085 | 151,426 |
| September | 40,281 | 74,284 | 18,794 | 133,359 |
| October | 38,609 | 72,527 | 18,954 | 130,090 |
| November | 35,590 | 73,218 | 18,818 | 127,626 |
| December | 35,407 | 77,140 | 20,643 | 133,190 |
| **1988 Total** | **479,697** | **914,243** | **216,201** | **1,610,141** |

See footnotes at end of table.

## Table 45. Volumes of First Sales of Motor Gasoline by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | Unleaded Regular | Premium | Total |
|---|---|---|---|---|
| **Idaho** | | | | |
| January | 13,015 | 15,373 | 1,594 | 29,982 |
| February | 13,450 | 16,571 | 1,651 | 31,672 |
| March | 19,079 | 20,623 | 2,206 | 41,908 |
| April | 14,139 | 16,508 | 1,675 | 32,322 |
| May | 16,424 | 18,894 | 2,082 | 37,400 |
| June | 17,890 | 21,166 | 2,718 | 41,774 |
| July | 19,461 | 21,816 | 2,670 | 43,947 |
| August | 19,684 | 22,643 | 2,848 | 45,175 |
| September | 17,577 | 19,156 | 2,414 | 39,147 |
| October | 16,408 | 18,480 | 2,323 | 37,211 |
| November | 13,927 | 18,307 | 2,408 | 34,642 |
| December | 13,272 | 18,963 | 2,408 | 34,643 |
| **1988 Total** | **194,326** | **228,500** | **26,997** | **449,823** |
| **Montana** | | | | |
| January | 14,258 | 15,552 | 2,997 | 32,807 |
| February | 13,874 | 14,698 | 3,128 | 31,700 |
| March | 15,505 | 17,091 | 3,452 | 36,048 |
| April | 14,756 | 17,438 | 3,449 | 35,643 |
| May | 16,279 | 18,504 | 3,680 | 38,463 |
| June | 19,061 | 21,394 | 4,420 | 44,875 |
| July | 21,168 | 23,704 | 4,744 | 49,616 |
| August | 19,485 | 23,503 | 4,775 | 47,763 |
| September | 16,156 | 19,435 | 3,940 | 39,531 |
| October | 16,120 | 18,845 | 3,774 | 38,739 |
| November | 15,245 | 18,642 | 3,909 | 37,796 |
| December | 13,368 | 18,266 | 3,962 | 35,596 |
| **1988 Total** | **195,275** | **227,072** | **46,230** | **468,577** |
| **Utah** | | | | |
| January | 18,958 | 31,575 | 5,620 | 56,153 |
| February | 18,398 | 32,342 | 5,692 | 56,432 |
| March | 22,251 | 38,019 | 6,841 | 67,111 |
| April | 22,298 | 36,589 | 7,002 | 65,889 |
| May | 25,674 | 38,133 | 6,869 | 70,676 |
| June | 26,740 | 42,255 | 8,039 | 77,034 |
| July | 27,666 | 44,131 | 9,435 | 81,232 |
| August | 25,456 | 44,055 | 9,144 | 78,655 |
| September | 22,037 | 36,874 | 8,136 | 67,047 |
| October | 22,647 | 37,472 | 7,527 | 67,646 |
| November | 19,626 | 35,346 | 7,794 | 62,766 |
| December | 18,793 | 37,244 | 8,591 | 64,628 |
| **1988 Total** | **270,544** | **454,035** | **90,690** | **815,269** |
| **Wyoming** | | | | |
| January | 7,901 | 10,318 | 1,335 | 19,554 |
| February | 7,644 | 10,468 | 1,335 | 19,447 |
| March | 9,302 | 12,495 | 1,550 | 23,347 |
| April | 8,577 | 11,758 | 1,574 | 21,909 |
| May | 9,417 | 12,820 | 1,945 | 24,182 |
| June | 11,488 | 16,141 | 3,122 | 30,751 |
| July | 11,811 | 16,527 | 3,509 | 31,847 |
| August | 10,755 | 15,972 | 3,506 | 30,233 |
| September | 9,505 | 13,624 | 4,125 | 27,254 |
| October | 9,230 | 12,442 | 2,754 | 24,426 |
| November | 8,895 | 13,479 | 2,667 | 25,041 |
| December | 8,015 | 12,973 | 2,603 | 23,591 |
| **1988 Total** | **112,540** | **159,017** | **30,025** | **301,582** |

See footnotes at end of table.

# Table 45. Volumes of First Sales of Motor Gasoline by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | Unleaded Regular | Premium | Total |
|---|---|---|---|---|
| **PAD District V Total** | | | | |
| January | 376,460 | 878,272 | 331,396 | 1,586,128 |
| February | 371,425 | 850,806 | 330,639 | 1,552,870 |
| March | 400,431 | 917,997 | 363,785 | 1,682,213 |
| April | 381,476 | 873,414 | 357,751 | 1,612,641 |
| May | 386,837 | 888,182 | 375,310 | 1,650,329 |
| June | 392,788 | 916,988 | 386,615 | 1,696,391 |
| July | 391,668 | 966,349 | 388,409 | 1,746,426 |
| August | 410,549 | 973,062 | 403,059 | 1,786,670 |
| September | 365,915 | 906,481 | 381,585 | 1,653,981 |
| October | 364,168 | 905,882 | 395,468 | 1,665,518 |
| November | 342,010 | 905,198 | 382,514 | 1,629,722 |
| December | 339,995 | 923,172 | 405,336 | 1,668,503 |
| **1988 Total** | **4,523,722** | **10,905,803** | **4,501,867** | **19,931,392** |
| **Alaska** | | | | |
| January | 3,790 | 8,788 | 1,156 | 13,734 |
| February | 4,181 | 14,938 | 1,044 | 20,163 |
| March | 4,336 | 10,765 | 1,223 | 16,324 |
| April | 4,974 | 10,734 | 1,137 | 16,845 |
| May | 6,431 | 12,066 | 1,486 | 19,983 |
| June | 8,206 | 13,500 | 1,465 | 23,171 |
| July | 10,720 | 14,663 | 1,584 | 26,967 |
| August | 9,554 | 15,070 | 1,650 | 26,274 |
| September | 6,220 | 12,582 | 1,359 | 20,161 |
| October | 4,779 | 11,341 | 1,418 | 17,538 |
| November | 3,909 | 10,210 | 1,228 | 15,347 |
| December | 3,908 | 10,694 | 1,277 | 15,879 |
| **1988 Total** | **71,008** | **145,351** | **16,027** | **232,386** |
| **Arizona** | | | | |
| January | 39,642 | 75,587 | 19,099 | 134,328 |
| February | 39,237 | 73,701 | 18,283 | 131,221 |
| March | 43,278 | 81,747 | 21,032 | 146,057 |
| April | 41,202 | 77,392 | 21,032 | 139,626 |
| May | 40,353 | 79,456 | 22,668 | 142,477 |
| June | 37,704 | 77,317 | 22,008 | 137,029 |
| July | 37,268 | 79,868 | 23,519 | 140,655 |
| August | 39,333 | 83,506 | 23,900 | 146,739 |
| September | 35,097 | 74,649 | 21,705 | 131,451 |
| October | 34,986 | 75,912 | 22,916 | 133,814 |
| November | 35,090 | 77,062 | 22,108 | 134,260 |
| December | 36,077 | 81,035 | 23,042 | 140,154 |
| **1988 Total** | **459,267** | **937,232** | **261,312** | **1,657,811** |
| **California** | | | | |
| January | 229,373 | 631,719 | 255,167 | 1,116,259 |
| February | 221,696 | 594,565 | 253,802 | 1,070,063 |
| March | 228,664 | 633,448 | 275,947 | 1,138,059 |
| April | 213,443 | 601,611 | 270,642 | 1,085,696 |
| May | 211,186 | 604,216 | 282,700 | 1,098,102 |
| June | 214,288 | 627,195 | 289,962 | 1,131,445 |
| July | 204,631 | 666,587 | 288,177 | 1,159,395 |
| August | 217,809 | 661,943 | 299,200 | 1,178,952 |
| September | 200,808 | 627,347 | 286,114 | 1,114,269 |
| October | 204,106 | 628,594 | 299,313 | 1,132,013 |
| November | 195,603 | 634,054 | 290,213 | 1,119,870 |
| December | 195,789 | 630,177 | 308,513 | 1,134,479 |
| **1988 Total** | **2,537,396** | **7,541,456** | **3,399,750** | **13,478,602** |

See footnotes at end of table.

## Table 45. Volumes of First Sales of Motor Gasoline by Grade (Continued)
(Thousand Gallons)

| Geographic Area Month | Leaded Regular | Unleaded Regular | Premium | Total |
|---|---|---|---|---|
| **Hawaii** | | | | |
| January | 2,920 | 14,605 | 9,385 | 26,910 |
| February | 2,991 | 15,005 | 9,675 | 27,671 |
| March | 3,072 | 16,005 | 10,528 | 29,605 |
| April | 2,904 | 14,936 | 10,047 | 27,887 |
| May | 3,000 | 15,862 | 10,733 | 29,595 |
| June | 2,830 | 15,350 | 10,350 | 28,530 |
| July | 2,794 | 15,515 | 10,953 | 29,262 |
| August | 3,706 | 16,367 | 11,325 | 31,398 |
| September | 2,620 | 14,712 | 11,078 | 28,410 |
| October | 2,609 | 14,968 | 11,370 | 28,947 |
| November | 2,449 | 14,397 | 10,888 | 27,734 |
| December | 2,473 | 15,348 | 11,729 | 29,550 |
| **1988 Total** | **34,368** | **183,070** | **128,061** | **345,499** |
| **Nevada** | | | | |
| January | 13,996 | 27,574 | 5,978 | 47,548 |
| February | 13,913 | 25,855 | 5,943 | 45,711 |
| March | 15,782 | 29,107 | 6,625 | 51,514 |
| April | 14,141 | 27,487 | 6,407 | 48,035 |
| May | 15,269 | 29,270 | 7,122 | 51,661 |
| June | 15,786 | 29,607 | 7,377 | 52,770 |
| July | 14,896 | 31,866 | 8,091 | 54,853 |
| August | 15,775 | 32,559 | 8,810 | 57,144 |
| September | 14,854 | 30,331 | 8,318 | 53,503 |
| October | 15,462 | 29,857 | 7,854 | 53,173 |
| November | 13,903 | 29,139 | 7,438 | 50,480 |
| December | 12,388 | 27,459 | 7,851 | 47,698 |
| **1988 Total** | **176,165** | **350,111** | **87,814** | **614,090** |
| **Oregon** | | | | |
| January | 32,473 | 44,745 | 12,414 | 89,632 |
| February | 34,656 | 46,671 | 13,206 | 94,533 |
| March | 41,492 | 55,539 | 15,175 | 112,206 |
| April | 40,985 | 53,603 | 15,396 | 109,984 |
| May | 41,515 | 55,457 | 16,083 | 113,055 |
| June | 44,995 | 58,976 | 17,455 | 121,426 |
| July | 47,242 | 60,682 | 18,450 | 126,374 |
| August | 49,879 | 64,425 | 19,743 | 134,047 |
| September | 41,805 | 56,810 | 17,537 | 116,152 |
| October | 40,102 | 54,756 | 16,433 | 111,291 |
| November | 34,762 | 52,510 | 15,673 | 102,945 |
| December | 34,539 | 55,657 | 16,985 | 107,181 |
| **1988 Total** | **484,445** | **659,831** | **194,550** | **1,338,826** |
| **Washington** | | | | |
| January | 54,266 | 75,254 | 28,197 | 157,717 |
| February | 54,751 | 80,071 | 28,686 | 163,508 |
| March | 63,807 | 91,386 | 33,255 | 188,448 |
| April | 63,827 | 87,651 | 33,090 | 184,568 |
| May | 69,083 | 91,855 | 34,518 | 195,456 |
| June | 68,979 | 95,043 | 37,998 | 202,020 |
| July | 74,117 | 97,168 | 37,635 | 208,920 |
| August | 74,493 | 99,192 | 38,431 | 212,116 |
| September | 64,511 | 90,050 | 35,474 | 190,035 |
| October | 62,124 | 90,454 | 36,164 | 188,742 |
| November | 56,294 | 87,826 | 34,966 | 179,086 |
| December | 54,821 | 102,802 | 35,939 | 193,562 |
| **1988 Total** | **761,073** | **1,088,752** | **414,353** | **2,264,178** |

Note: Totals may not equal the sum of components due to rounding.
Source: Energy Information Administration Form EIA-782C, "Monthly Report of Petroleum Products Sold into States for Consumption."

# Table 46. Volumes of First Sales of Aviation Fuels, Propane, and Residual Fuel Oil
(Thousand Gallons)

| Geographic Area Month | Aviation Gasoline | Kerosene-Type Jet Fuel | Naphtha-Type Jet Fuel | Propane (Consumer Grade) | Residual Fuel Oil | | |
|---|---|---|---|---|---|---|---|
| | | | | | Sulfur Content Less Than or Equal to 1 Percent | Sulfur Content Greater Than 1 Percent | Total Residual |
| **U.S. Total** | | | | | | | |
| January | 18,088 | 1,340,014 | 220,930 | 1,490,979 | 950,476 | 936,152 | 1,886,628 |
| February | 22,070 | 1,330,958 | 216,992 | 1,199,655 | 864,678 | 837,647 | 1,702,325 |
| March | 25,687 | 1,382,838 | 232,694 | 1,037,681 | 805,248 | 835,959 | 1,641,207 |
| April | 27,514 | 1,422,022 | 229,997 | 737,556 | 606,921 | 883,779 | 1,490,700 |
| May | 31,033 | 1,476,374 | 239,984 | 722,427 | 535,256 | 862,009 | 1,397,265 |
| June | 36,472 | 1,452,788 | 236,637 | 693,090 | 646,725 | 782,045 | 1,428,770 |
| July | 37,945 | 1,545,993 | 235,548 | 728,283 | 660,034 | 893,658 | 1,553,691 |
| August | 43,001 | 1,530,371 | 230,298 | 843,821 | 787,829 | 864,220 | 1,652,049 |
| September | 33,419 | 1,469,386 | 246,056 | 926,296 | 598,398 | 845,210 | 1,443,608 |
| October | 28,410 | 1,497,483 | 237,516 | 1,067,670 | 809,985 | 904,036 | 1,714,021 |
| November | 25,540 | 1,386,299 | 226,641 | 1,018,641 | 931,170 | 852,808 | 1,783,978 |
| December | 24,558 | 1,481,876 | 259,215 | 1,327,367 | 1,120,432 | 1,131,735 | 2,252,167 |
| **1988 Total** | **353,737** | **17,316,402** | **2,812,508** | **11,793,465** | **9,317,151** | **10,629,258** | **19,946,410** |
| **PAD District I Total** | | | | | | | |
| January | 5,029 | 381,930 | 22,536 | 292,835 | 760,249 | 484,363 | 1,244,612 |
| February | 5,746 | 384,836 | 26,252 | 230,348 | 672,609 | 427,220 | 1,099,829 |
| March | 6,736 | 414,233 | 29,313 | 184,250 | 655,917 | 378,477 | 1,034,394 |
| April | 8,126 | 446,861 | 22,769 | 117,610 | 457,286 | 373,239 | 830,525 |
| May | 7,928 | 414,468 | 25,365 | 102,949 | 358,649 | 393,456 | 752,105 |
| June | 10,211 | 434,630 | 30,717 | 99,990 | 442,772 | 314,295 | 757,067 |
| July | 8,025 | 452,608 | 34,591 | 103,790 | 493,267 | 407,618 | 900,885 |
| August | 10,640 | 460,684 | 41,096 | 143,861 | 585,999 | 368,318 | 954,318 |
| September | 8,710 | 420,927 | 38,161 | 153,329 | 430,870 | 390,020 | 820,890 |
| October | 7,763 | 437,380 | 30,644 | 192,166 | 634,149 | 395,131 | 1,029,280 |
| November | 7,486 | 427,265 | 31,689 | 198,072 | 706,171 | 391,731 | 1,097,902 |
| December | 7,874 | 455,439 | 43,561 | 269,469 | 944,722 | 541,806 | 1,486,528 |
| **1988 Total** | **94,274** | **5,131,261** | **376,694** | **2,088,669** | **7,142,660** | **4,865,674** | **12,008,335** |
| **Subdistrict IA Total** | | | | | | | |
| January | 655 | 45,876 | W | 33,219 | 274,512 | 172,692 | 447,204 |
| February | 770 | 30,738 | - | 27,276 | 264,934 | 160,349 | 425,283 |
| March | 913 | 35,276 | W | 20,232 | 212,716 | 117,682 | 330,398 |
| April | 963 | 38,030 | W | 13,747 | 148,762 | 133,424 | 282,186 |
| May | 1,133 | 38,521 | W | 13,037 | 128,486 | 117,148 | 245,634 |
| June | 1,361 | 42,829 | W | 11,653 | 134,989 | 90,838 | 225,827 |
| July | 1,296 | 43,781 | - | 13,590 | 133,610 | 163,244 | 296,854 |
| August | 2,108 | 46,210 | W | 13,162 | 178,365 | 128,179 | 306,545 |
| September | 1,247 | 43,894 | 187 | 13,057 | 108,001 | 84,509 | 192,510 |
| October | 969 | 43,191 | W | 15,104 | 144,294 | 134,118 | 278,412 |
| November | 931 | 40,035 | W | 19,296 | 194,632 | 130,263 | 324,895 |
| December | 1,190 | 41,532 | W | 26,623 | 256,115 | 94,484 | 350,599 |
| **1988 Total** | **13,536** | **489,913** | **2,830** | **219,996** | **2,179,416** | **1,526,931** | **3,706,347** |
| **Connecticut** | | | | | | | |
| January | 123 | 14,039 | - | 5,544 | 148,762 | W | W |
| February | 138 | 3,087 | - | 5,078 | 168,834 | 9,055 | 177,889 |
| March | 130 | 5,522 | W | 4,659 | W | W | 112,848 |
| April | 147 | 6,087 | - | 3,559 | W | W | 82,039 |
| May | 166 | 6,307 | W | 3,274 | 72,564 | 21,189 | 93,753 |
| June | 192 | 6,009 | W | 3,357 | W | W | 80,488 |
| July | 162 | 6,405 | - | 2,820 | W | W | 87,981 |
| August | 171 | 5,988 | W | 3,236 | W | W | 106,742 |
| September | 184 | 7,287 | W | 4,302 | W | W | 54,568 |
| October | 140 | 6,357 | W | 3,304 | W | W | 99,074 |
| November | 136 | 5,942 | W | 4,112 | W | W | 101,680 |
| December | 106 | 5,024 | W | 4,796 | 123,395 | - | 123,395 |
| **1988 Total** | **1,795** | **78,054** | **W** | **48,041** | **1,226,325** | **42,937** | **W** |

See footnotes at end of table.

## Table 46. Volumes of First Sales of Aviation Fuels, Propane, and Residual Fuel Oil (Continued)
(Thousand Gallons)

| Geographic Area Month | Aviation Gasoline | Kerosene-Type Jet Fuel | Naphtha-Type Jet Fuel | Propane (Consumer Grade) | Residual Fuel Oil | | |
|---|---|---|---|---|---|---|---|
| | | | | | Sulfur Content Less Than or Equal to 1 Percent | Sulfur Content Greater Than 1 Percent | Total Residual |
| **Maine** | | | | | | | |
| January | W | 3,218 | - | 1,758 | 32,589 | 45,235 | 77,824 |
| February | W | 2,970 | - | 2,430 | 18,388 | 27,015 | 45,403 |
| March | W | 1,840 | - | 1,612 | 30,533 | 18,088 | 48,621 |
| April | W | 1,882 | - | 1,076 | W | W | 40,536 |
| May | W | 2,197 | - | 1,222 | 5,576 | 13,701 | 19,277 |
| June | W | 2,910 | - | 831 | 29,383 | 17,990 | 47,373 |
| July | W | 3,423 | - | 1,069 | 18,744 | 35,667 | 54,411 |
| August | W | 3,834 | - | 1,058 | 21,692 | 18,320 | 40,012 |
| September | W | 3,666 | - | 1,100 | 5,862 | 18,167 | 24,029 |
| October | W | 3,357 | - | 1,330 | 14,176 | 35,393 | 49,569 |
| November | W | 2,246 | - | 1,238 | 21,925 | 23,679 | 45,604 |
| December | W | 3,699 | - | 1,474 | 40,251 | 19,816 | 60,067 |
| **1988 Total** | W | **35,242** | - | **16,198** | W | W | **552,726** |
| **Massachusetts** | | | | | | | |
| January | 181 | 24,628 | W | 13,168 | 74,621 | 118,829 | 193,450 |
| February | 267 | 22,065 | - | 7,318 | 59,306 | 115,351 | 174,657 |
| March | 246 | 25,771 | W | 6,444 | 57,999 | 91,722 | 149,721 |
| April | 259 | 28,090 | W | 4,031 | 43,157 | 99,198 | 142,355 |
| May | 360 | 27,699 | W | 4,465 | 37,665 | 77,091 | 114,756 |
| June | 438 | 31,836 | W | 4,117 | 23,860 | 68,619 | 92,479 |
| July | 383 | 31,236 | - | 2,141 | 26,447 | 110,720 | 137,167 |
| August | 1,027 | 33,496 | W | 3,256 | 49,033 | 104,876 | 153,909 |
| September | 361 | 30,362 | W | 3,680 | 45,517 | 59,330 | 104,847 |
| October | 279 | 30,501 | W | 4,684 | 27,843 | 89,351 | 117,194 |
| November | 250 | 28,770 | - | 5,926 | 71,907 | 93,499 | 165,406 |
| December | 668 | 28,911 | - | 8,210 | 85,294 | 65,665 | 150,959 |
| **1988 Total** | **4,719** | **343,365** | W | **67,440** | **602,649** | **1,094,251** | **1,696,900** |
| **New Hampshire** | | | | | | | |
| January | 77 | 975 | - | 7,157 | 749 | 7,320 | 8,069 |
| February | W | 417 | - | 8,322 | W | W | 8,196 |
| March | 69 | 508 | - | 3,977 | W | W | 7,019 |
| April | 77 | 514 | - | 2,629 | 1,903 | 5,238 | 7,141 |
| May | 85 | W | - | 2,216 | W | W | 3,537 |
| June | 105 | 563 | - | 1,678 | 138 | 3,050 | 3,188 |
| July | 66 | 515 | - | 2,077 | W | W | 15,158 |
| August | 414 | 508 | - | 3,811 | 72 | 3,537 | 3,609 |
| September | 96 | 571 | - | 1,991 | 1,643 | 3,899 | 5,542 |
| October | W | 638 | - | 3,257 | W | W | 8,850 |
| November | 72 | 632 | - | 4,522 | W | W | 6,903 |
| December | 94 | 882 | - | 7,366 | 604 | 6,069 | 6,673 |
| **1988 Total** | **1,302** | W | - | **49,003** | **10,892** | **72,993** | **83,885** |
| **Rhode Island** | | | | | | | |
| January | W | W | - | 2,829 | 17,791 | - | 17,791 |
| February | W | W | - | 1,630 | W | W | 17,850 |
| March | W | W | - | 1,347 | 11,012 | - | 11,012 |
| April | W | W | - | 966 | W | W | 9,354 |
| May | W | 1,598 | - | 693 | W | W | 13,679 |
| June | W | W | - | 751 | W | W | 1,669 |
| July | W | 1,685 | - | 4,601 | W | W | 1,667 |
| August | W | 1,858 | - | 802 | W | W | 1,699 |
| September | W | W | - | 593 | W | W | 3,090 |
| October | W | 2,011 | - | 695 | W | W | 3,047 |
| November | W | 2,088 | - | 853 | 3,481 | 1,017 | 4,498 |
| December | W | 2,585 | - | 1,471 | 6,571 | W | W |
| **1988 Total** | W | **22,798** | - | **17,231** | **85,661** | W | W |

See footnotes at end of table.

## Table 46. Volumes of First Sales of Aviation Fuels, Propane, and Residual Fuel Oil (Continued)
(Thousand Gallons)

| Geographic Area Month | Aviation Gasoline | Kerosene-Type Jet Fuel | Naphtha-Type Jet Fuel | Propane (Consumer Grade) | Residual Fuel Oil | | |
|---|---|---|---|---|---|---|---|
| | | | | | Sulfur Content Less Than or Equal to 1 Percent | Sulfur Content Greater Than 1 Percent | Total Residual |
| **Vermont** | | | | | | | |
| January | W | W | - | 2,763 | - | W | W |
| February | W | W | - | 2,498 | W | W | 1,288 |
| March | W | W | - | 2,193 | - | 1,177 | 1,177 |
| April | 53 | W | - | 1,486 | - | 761 | 761 |
| May | 43 | W | - | 1,167 | - | 632 | 632 |
| June | 53 | W | - | 919 | - | 630 | 630 |
| July | 60 | 517 | - | 882 | - | 470 | 470 |
| August | 67 | 526 | - | 999 | - | 573 | 573 |
| September | 61 | W | - | 1,391 | - | 434 | 434 |
| October | 42 | 327 | - | 1,834 | W | W | 678 |
| November | 59 | 357 | - | 2,645 | - | 804 | 804 |
| December | 34 | 431 | - | 3,306 | - | W | W |
| **1988 Total** | **562** | **3,238** | **-** | **22,083** | W | **9,743** | **9,757** |
| **Subdistrict IB Total** | | | | | | | |
| January | 957 | 158,499 | 21,589 | 99,302 | 432,363 | 158,985 | 591,348 |
| February | 1,403 | 168,695 | W | 76,576 | 373,903 | 125,592 | 499,495 |
| March | 1,557 | 180,530 | 28,003 | 66,954 | 353,877 | 122,998 | 476,875 |
| April | 1,625 | 193,111 | 19,693 | 49,123 | 247,908 | 140,308 | 388,216 |
| May | 1,716 | 183,696 | 24,581 | 43,581 | 164,389 | 185,177 | 349,566 |
| June | 2,698 | 200,351 | 29,935 | 40,463 | 202,084 | 124,076 | 326,160 |
| July | 2,033 | 202,766 | W | 36,226 | 279,851 | 155,293 | 435,143 |
| August | 2,669 | 190,397 | 40,432 | 46,745 | 314,277 | 138,693 | 452,971 |
| September | 2,040 | 178,600 | 33,885 | 51,155 | 250,330 | 162,311 | 412,641 |
| October | 1,835 | 189,551 | 30,122 | 61,534 | 417,796 | 121,531 | 539,327 |
| November | 1,748 | 165,329 | 31,072 | 67,636 | 414,490 | 132,825 | 547,315 |
| December | 1,475 | 191,224 | 43,104 | 78,623 | 600,266 | 257,287 | 857,553 |
| **1988 Total** | **21,756** | **2,202,750** | **362,525** | **717,918** | **4,051,534** | **1,825,076** | **5,876,610** |
| **Delaware** | | | | | | | |
| January | W | W | W | 9,999 | W | 13,233 | W |
| February | W | W | W | 6,868 | W | W | W |
| March | W | W | W | 6,329 | W | W | W |
| April | W | 248 | W | W | W | W | W |
| May | W | W | W | 2,614 | W | 3,385 | W |
| June | W | W | W | 2,135 | W | 2,254 | W |
| July | W | W | W | 3,699 | W | 8,041 | W |
| August | W | 277 | W | 5,800 | W | 5,960 | W |
| September | W | W | W | 6,884 | W | W | W |
| October | W | W | W | 5,943 | W | 2,940 | W |
| November | W | 276 | W | 9,316 | W | W | W |
| December | W | W | W | 9,697 | W | 4,133 | W |
| **1988 Total** | W | **5,349** | W | W | **60,262** | **56,571** | **116,833** |
| **District of Columbia** | | | | | | | |
| January | - | W | - | - | W | - | W |
| February | - | - | - | - | W | - | W |
| March | - | - | - | - | W | W | W |
| April | - | - | - | 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 |
| **1988 Total** | - | W | - | W | W | W | W |

See footnotes at end of table.

# Table 46. Volumes of First Sales of Aviation Fuels, Propane, and Residual Fuel Oil (Continued)
(Thousand Gallons)

| Geographic Area Month | Aviation Gasoline | Kerosene-Type Jet Fuel | Naphtha-Type Jet Fuel | Propane (Consumer Grade) | Residual Fuel Oil | | |
|---|---|---|---|---|---|---|---|
| | | | | | Sulfur Content Less Than or Equal to 1 Percent | Sulfur Content Greater Than 1 Percent | Total Residual |
| **Maryland** | | | | | | | |
| January | W | 7,327 | - | 7,670 | 16,912 | 11,871 | 28,783 |
| February | W | 6,398 | - | 7,186 | W | W | 37,069 |
| March | W | 8,152 | - | 5,876 | 16,509 | 5,480 | 21,989 |
| April | W | 10,023 | - | 3,625 | W | W | 21,489 |
| May | W | W | - | 2,954 | 1,877 | 42,167 | 44,044 |
| June | W | W | - | 2,810 | 23,022 | 13,476 | 36,498 |
| July | W | W | - | 2,198 | 16,356 | 22,149 | 38,504 |
| August | W | 12,902 | W | 3,042 | 26,524 | 15,004 | 41,528 |
| September | W | W | W | 4,164 | W | W | 45,424 |
| October | W | 12,579 | - | 4,966 | 12,669 | 9,947 | 22,616 |
| November | W | 9,711 | - | 5,776 | W | W | 20,298 |
| December | W | W | - | 6,247 | 17,869 | 27,177 | 45,046 |
| **1988 Total** | W | **121,109** | W | **56,514** | **176,899** | **226,389** | **403,288** |
| **New Jersey** | | | | | | | |
| January | 241 | 116,034 | W | 12,853 | 149,763 | 31,418 | 181,181 |
| February | 187 | 121,360 | W | 11,449 | 106,868 | 22,346 | 129,214 |
| March | 252 | 132,031 | W | 10,639 | 108,405 | 30,922 | 139,327 |
| April | 263 | 130,450 | W | 8,408 | 101,534 | 38,264 | 139,798 |
| May | 248 | 128,227 | W | 7,953 | 48,444 | 49,194 | 97,638 |
| June | 1,019 | 140,773 | W | 7,039 | 45,680 | 37,352 | 83,032 |
| July | 591 | 139,110 | W | 6,575 | 76,438 | 31,396 | 107,834 |
| August | 856 | 122,062 | W | 7,502 | 77,540 | 34,606 | 112,146 |
| September | 667 | 120,428 | W | 8,685 | 94,665 | 37,235 | 131,900 |
| October | W | 125,060 | - | 11,180 | 100,252 | 43,261 | 143,513 |
| November | 449 | 110,266 | W | 8,175 | 117,542 | 34,740 | 152,282 |
| December | W | 128,659 | W | 9,669 | 157,606 | 64,723 | 222,329 |
| **1988 Total** | **5,646** | **1,514,460** | W | **110,127** | **1,184,737** | **455,457** | **1,640,194** |
| **New York** | | | | | | | |
| January | 229 | 4,419 | W | 31,167 | 210,960 | 73,040 | 284,000 |
| February | 244 | W | W | 23,125 | 187,773 | 53,065 | 240,838 |
| March | 257 | W | W | 20,923 | 167,133 | 58,744 | 225,877 |
| April | 293 | 13,355 | W | 13,639 | 82,675 | 66,171 | 148,846 |
| May | 277 | 12,758 | W | 14,432 | 59,068 | 63,897 | 122,965 |
| June | 458 | 12,008 | W | 11,893 | 88,685 | 38,432 | 127,118 |
| July | 336 | 15,805 | W | 9,681 | 129,424 | 52,051 | 181,475 |
| August | 623 | 13,018 | W | 10,744 | 110,896 | 44,373 | 155,269 |
| September | 333 | 12,652 | W | 12,338 | 115,954 | 57,006 | 172,960 |
| October | 301 | W | W | 17,317 | 245,305 | 46,203 | 291,508 |
| November | 290 | 12,362 | W | 18,310 | 233,425 | 58,501 | 291,926 |
| December | 242 | 13,023 | W | 21,935 | 346,213 | 119,940 | 466,153 |
| **1988 Total** | **3,883** | **129,739** | W | **205,504** | **1,977,512** | **731,424** | **2,708,935** |
| **Pennsylvania** | | | | | | | |
| January | 351 | 30,299 | W | 37,613 | 51,883 | 29,423 | 81,306 |
| February | 748 | 34,810 | W | 27,948 | 51,887 | 24,571 | 76,458 |
| March | 464 | 35,961 | W | 23,187 | 57,775 | 23,887 | 81,662 |
| April | 512 | 39,035 | - | 20,217 | 48,775 | 22,795 | 71,570 |
| May | 635 | 33,376 | W | 15,628 | 42,492 | 26,534 | 69,026 |
| June | 648 | 35,447 | - | 16,586 | 37,202 | 32,562 | 69,764 |
| July | 689 | 37,597 | W | 14,073 | 52,411 | 41,656 | 94,067 |
| August | 733 | 42,138 | - | 19,657 | 96,482 | 38,750 | 135,232 |
| September | 637 | 34,462 | - | 19,084 | 28,805 | 28,897 | 57,702 |
| October | 569 | 39,204 | - | 22,128 | 46,896 | 19,180 | 66,076 |
| November | 540 | 32,714 | - | 26,059 | 52,615 | 25,636 | 78,251 |
| December | 430 | 36,839 | - | 31,075 | 75,583 | 41,314 | 116,897 |
| **1988 Total** | **6,956** | **431,883** | W | **273,255** | **642,806** | **355,205** | **998,011** |

See footnotes at end of table.

# Table 46. Volumes of First Sales of Aviation Fuels, Propane, and Residual Fuel Oil (Continued)
(Thousand Gallons)

| Geographic Area Month | Aviation Gasoline | Kerosene-Type Jet Fuel | Naphtha-Type Jet Fuel | Propane (Consumer Grade) | Residual Fuel Oil | | |
|---|---|---|---|---|---|---|---|
| | | | | | Sulfur Content Less Than or Equal to 1 Percent | Sulfur Content Greater Than 1 Percent | Total Residual |
| **Subdistrict IC Total** | | | | | | | |
| January | 3,417 | 177,555 | W | 160,314 | 53,374 | 152,686 | 206,060 |
| February | 3,573 | 185,404 | W | 126,496 | 33,772 | 141,279 | 175,051 |
| March | 4,266 | 198,426 | W | 97,064 | 89,324 | 137,797 | 227,121 |
| April | 5,538 | 215,720 | W | 54,740 | 60,616 | 99,507 | 160,123 |
| May | 5,079 | 192,251 | W | 46,331 | 65,774 | 91,131 | 156,905 |
| June | 6,152 | 191,450 | W | 47,874 | NA | 99,381 | 205,080 |
| July | 4,696 | 206,061 | W | 53,974 | 79,806 | 89,081 | 168,887 |
| August | 5,863 | 224,077 | W | 83,954 | 93,357 | 101,446 | 194,802 |
| September | 5,423 | 198,433 | 4,089 | 89,117 | 72,539 | 143,201 | 215,740 |
| October | 4,959 | 204,638 | W | 115,528 | 72,059 | 139,482 | 211,541 |
| November | 4,807 | 221,901 | W | 111,140 | 97,049 | 128,643 | 225,692 |
| December | 5,209 | 222,683 | W | 164,223 | 88,341 | 190,035 | 278,376 |
| **1988 Total** | **58,982** | **2,438,599** | **11,339** | **1,150,755** | **911,710** | **1,513,668** | **2,425,378** |
| **Florida** | | | | | | | |
| January | 1,875 | 65,546 | - | 43,084 | 37,886 | 56,888 | 94,774 |
| February | 1,856 | 72,721 | - | 38,100 | 14,060 | 55,082 | 69,142 |
| March | 2,429 | 80,138 | - | 32,007 | 83,649 | 74,306 | 157,955 |
| April | 3,230 | 90,526 | W | 22,414 | 58,182 | 40,642 | 98,824 |
| May | 2,633 | 75,288 | - | 18,035 | 64,216 | 30,209 | 94,425 |
| June | 3,665 | 70,051 | - | 16,742 | NA | 40,406 | 144,866 |
| July | 2,481 | 93,959 | - | 16,973 | 69,918 | 38,233 | 108,151 |
| August | 3,156 | 94,485 | - | 19,264 | W | W | 128,490 |
| September | 2,936 | 80,501 | - | 20,402 | W | W | 143,194 |
| October | 2,516 | 79,261 | - | 25,181 | 67,181 | 87,009 | 154,190 |
| November | 2,709 | 92,580 | - | 29,782 | 92,623 | 58,063 | 150,686 |
| December | 3,199 | 96,456 | - | 44,798 | 71,063 | 98,948 | 170,011 |
| **1988 Total** | **32,685** | **991,512** | **W** | **326,782** | **815,474** | **699,235** | **1,514,709** |
| **Georgia** | | | | | | | |
| January | 511 | 57,279 | W | 45,548 | W | W | 13,248 |
| February | 579 | 53,495 | W | 32,397 | W | W | 11,459 |
| March | 639 | 60,242 | W | 23,298 | - | W | W |
| April | 759 | 61,723 | W | 10,655 | W | W | 5,472 |
| May | 759 | 59,985 | W | 8,590 | - | W | W |
| June | 787 | 63,327 | W | 8,211 | - | 6,365 | 6,365 |
| July | 797 | 56,572 | W | 8,561 | - | 10,041 | 10,041 |
| August | 948 | 62,970 | W | 13,583 | W | W | 7,383 |
| September | 956 | 57,093 | W | 16,555 | W | W | 5,154 |
| October | 804 | 60,764 | W | 29,198 | W | W | 6,598 |
| November | 618 | 64,503 | W | 24,828 | W | W | 11,880 |
| December | 595 | 61,519 | W | 36,591 | W | W | 13,360 |
| **1988 Total** | **8,752** | **719,471** | **W** | **258,015** | **W** | **101,651** | **103,784** |
| **North Carolina** | | | | | | | |
| January | 565 | 15,338 | - | 38,901 | W | W | 34,587 |
| February | 550 | 18,036 | - | 29,238 | W | W | 35,710 |
| March | 419 | 17,654 | - | 21,813 | 1,774 | 22,292 | 24,066 |
| April | 786 | 22,303 | - | 10,394 | 1,292 | 17,854 | 19,146 |
| May | 865 | 18,742 | - | 9,412 | W | W | 15,566 |
| June | 864 | 17,847 | - | 11,745 | W | 16,229 | W |
| July | 690 | 13,591 | - | 16,852 | W | W | 16,244 |
| August | 922 | 22,428 | - | 32,082 | 2,243 | 19,855 | 22,098 |
| September | 807 | 19,878 | - | 31,549 | 2,037 | 16,439 | 18,476 |
| October | 852 | 18,440 | - | 34,855 | 2,252 | 20,876 | 23,128 |
| November | 724 | 18,327 | - | 28,650 | 3,244 | 21,041 | 24,285 |
| December | 751 | 19,437 | - | 44,360 | 3,004 | 28,025 | 31,029 |
| **1988 Total** | **8,795** | **222,021** | **-** | **309,851** | **28,713** | **252,503** | **W** |

See footnotes at end of table.

# Table 46. Volumes of First Sales of Aviation Fuels, Propane, and Residual Fuel Oil (Continued)
(Thousand Gallons)

| Geographic Area Month | Aviation Gasoline | Kerosene-Type Jet Fuel | Naphtha-Type Jet Fuel | Propane (Consumer Grade) | Residual Fuel Oil | | |
|---|---|---|---|---|---|---|---|
| | | | | | Sulfur Content Less Than or Equal to 1 Percent | Sulfur Content Greater Than 1 Percent | Total Residual |
| **South Carolina** | | | | | | | |
| January | 221 | 2,228 | - | 17,121 | W | W | 22,696 |
| February | 324 | 2,098 | - | 13,868 | W | W | 24,299 |
| March | 454 | 1,991 | - | 9,556 | W | W | 11,902 |
| April | 442 | 2,402 | - | 4,551 | W | 10,063 | W |
| May | 468 | 2,864 | - | 3,819 | W | W | 6,581 |
| June | 491 | 2,542 | - | 4,598 | W | W | 7,718 |
| July | 398 | 2,595 | - | 5,307 | W | W | W |
| August | 432 | 2,449 | - | 8,739 | W | 7,569 | W |
| September | 390 | 2,165 | - | 8,013 | W | W | 8,169 |
| October | 356 | 2,466 | - | 13,181 | W | 8,634 | W |
| November | 371 | 2,819 | - | 14,961 | W | 13,808 | W |
| December | 329 | 2,282 | - | 23,346 | W | 22,218 | W |
| **1988 Total** | **4,676** | **28,901** | **-** | **127,060** | W | **145,317** | **151,757** |
| **Virginia** | | | | | | | |
| January | 157 | 36,685 | - | 13,879 | 11,424 | 26,694 | 38,118 |
| February | W | 38,504 | - | 11,418 | 9,574 | 21,787 | 31,361 |
| March | 241 | 37,842 | - | 9,238 | 1,792 | 21,022 | 22,814 |
| April | W | 38,112 | - | 6,056 | 964 | 23,885 | 24,849 |
| May | W | 34,733 | - | 5,887 | 552 | 33,523 | 34,075 |
| June | W | 36,911 | - | 6,116 | 232 | 28,898 | 29,130 |
| July | W | 38,736 | - | 5,843 | 8,501 | 19,224 | 27,725 |
| August | W | 41,104 | - | 9,806 | 7,875 | 20,360 | 28,235 |
| September | 241 | 38,106 | W | 11,726 | 184 | 39,743 | 39,927 |
| October | 299 | 43,085 | - | 11,803 | 337 | 17,974 | 18,311 |
| November | W | 43,036 | - | 11,312 | 982 | 23,632 | 24,614 |
| December | W | 42,455 | - | 13,442 | 13,081 | 26,971 | 40,052 |
| **1988 Total** | **2,718** | **469,309** | W | **116,526** | **55,498** | **303,712** | **359,210** |
| **West Virginia** | | | | | | | |
| January | 88 | 479 | W | 1,781 | W | W | 2,637 |
| February | W | 550 | W | 1,475 | W | W | 3,080 |
| March | 84 | 560 | W | 1,152 | W | W | W |
| April | W | 654 | W | 670 | - | W | W |
| May | W | 639 | - | 588 | - | W | W |
| June | W | 772 | - | 462 | W | W | W |
| July | W | 608 | W | 438 | - | W | W |
| August | W | 641 | W | 480 | W | W | W |
| September | 93 | 690 | W | 872 | W | W | 820 |
| October | 132 | 622 | W | 1,310 | - | W | W |
| November | W | 636 | W | 1,607 | - | W | W |
| December | W | 534 | W | 1,686 | - | W | W |
| **1988 Total** | **1,356** | **7,385** | W | **12,521** | W | **11,249** | **14,701** |
| **PAD District II Total** | | | | | | | |
| January | 4,485 | 186,042 | 20,077 | 547,144 | 11,194 | 39,819 | 51,013 |
| February | 4,720 | 178,172 | 22,729 | 438,783 | W | W | 46,781 |
| March | 6,199 | 187,303 | 22,685 | 344,327 | 7,389 | 30,380 | 37,769 |
| April | 7,714 | 218,355 | 28,776 | 204,453 | 6,217 | 30,281 | 36,498 |
| May | 8,956 | 217,093 | 31,911 | 181,283 | W | W | 38,275 |
| June | 10,731 | 211,810 | 30,805 | 186,997 | 3,292 | 23,845 | 27,137 |
| July | 10,400 | 214,182 | 23,764 | 190,667 | 7,314 | 40,482 | 47,796 |
| August | 10,595 | 234,542 | 32,330 | 234,848 | W | W | 58,890 |
| September | 8,642 | 215,586 | 33,770 | 333,767 | 7,049 | 47,805 | 54,854 |
| October | 8,171 | 214,881 | 34,353 | 394,980 | 4,145 | 39,674 | 43,819 |
| November | 6,925 | 206,948 | 31,574 | 385,502 | 9,509 | 46,750 | 56,259 |
| December | 6,592 | 229,076 | 27,103 | 498,063 | 14,601 | 76,470 | 91,071 |
| **1988 Total** | **94,130** | **2,513,990** | **339,877** | **3,940,814** | **96,055** | **494,106** | **590,162** |

See footnotes at end of table.

## Table 46. Volumes of First Sales of Aviation Fuels, Propane, and Residual Fuel Oil (Continued)
(Thousand Gallons)

| Geographic Area Month | Aviation Gasoline | Kerosene-Type Jet Fuel | Naphtha-Type Jet Fuel | Propane (Consumer Grade) | Residual Fuel Oil | | |
|---|---|---|---|---|---|---|---|
| | | | | | Sulfur Content Less Than or Equal to 1 Percent | Sulfur Content Greater Than 1 Percent | Total Residual |
| **Illinois** | | | | | | | |
| January | 268 | 4,565 | - | 55,411 | 1,196 | 7,707 | 8,903 |
| February | 334 | 4,273 | - | 49,772 | W | W | 5,972 |
| March | 539 | 4,668 | - | 39,965 | 352 | 5,332 | 5,684 |
| April | 490 | 12,018 | - | 19,582 | 471 | 5,347 | 5,818 |
| May | 664 | 15,343 | - | 18,594 | W | W | 7,146 |
| June | 677 | 13,049 | - | 18,105 | 387 | 3,785 | 4,172 |
| July | 999 | 18,588 | - | 16,406 | W | W | 18,444 |
| August | 684 | 13,710 | - | 21,558 | W | W | 7,981 |
| September | 676 | 10,065 | - | 41,908 | W | W | 3,133 |
| October | 729 | 10,782 | - | 45,880 | W | W | 3,240 |
| November | 503 | 8,654 | - | 41,207 | 3,048 | 7,773 | 10,821 |
| December | 390 | 10,637 | - | 54,891 | 2,100 | 18,926 | 21,026 |
| **1988 Total** | **6,953** | **126,352** | **-** | **423,279** | **14,931** | **87,409** | **102,340** |
| **Indiana** | | | | | | | |
| January | 887 | 45,037 | W | 31,297 | 197 | 4,766 | 4,963 |
| February | 1,066 | 45,567 | W | 24,867 | W | W | 6,157 |
| March | 1,095 | 45,224 | W | 20,049 | 148 | 946 | 1,094 |
| April | 1,102 | 59,233 | W | 15,078 | W | W | 4,769 |
| May | 1,465 | 51,095 | W | 11,114 | 282 | 2,016 | 2,298 |
| June | 1,686 | 46,503 | W | 11,731 | W | W | 1,415 |
| July | 1,487 | 48,877 | W | 8,769 | W | W | 2,571 |
| August | 1,684 | 50,311 | W | 13,007 | W | W | 10,749 |
| September | 1,388 | 47,335 | W | 22,251 | 689 | 15,761 | 16,450 |
| October | 1,198 | 53,874 | W | 34,230 | 710 | 8,672 | 9,382 |
| November | 1,079 | 52,082 | W | 27,849 | 1,246 | 7,661 | 8,907 |
| December | 988 | 60,328 | W | 22,845 | 1,925 | 6,986 | 8,911 |
| **1988 Total** | **15,125** | **605,466** | **W** | **243,087** | **7,763** | **69,903** | **77,666** |
| **Iowa** | | | | | | | |
| January | 242 | 2,260 | - | 37,042 | - | W | W |
| February | 209 | 2,136 | - | 28,929 | - | W | W |
| March | W | 1,837 | - | 18,007 | W | W | W |
| April | 462 | 1,554 | - | 9,536 | W | - | W |
| May | 567 | 1,492 | - | 4,950 | W | W | W |
| June | 608 | 1,981 | - | 5,715 | - | - | - |
| July | 771 | 1,791 | - | 7,521 | - | W | W |
| August | 713 | 1,810 | - | 11,741 | - | - | - |
| September | 404 | 1,755 | - | 28,903 | - | - | - |
| October | 378 | 2,085 | - | 26,210 | - | - | - |
| November | W | 2,033 | - | 21,455 | - | - | - |
| December | 388 | 2,060 | - | 31,502 | - | - | - |
| **1988 Total** | **W** | **22,794** | **-** | **231,511** | **W** | **W** | **1,089** |
| **Kansas** | | | | | | | |
| January | 284 | 10,116 | W | 96,865 | W | W | 4,428 |
| February | 374 | 12,975 | W | 70,167 | - | 3,030 | 3,030 |
| March | 487 | 12,757 | W | 67,617 | W | W | 2,556 |
| April | 510 | 10,038 | W | 44,363 | - | W | W |
| May | 543 | 12,887 | W | 44,782 | W | W | 2,412 |
| June | 548 | 11,060 | W | 45,748 | W | W | 2,727 |
| July | 458 | 10,092 | W | 57,948 | - | 2,471 | 2,471 |
| August | 591 | 11,479 | W | 54,552 | - | 3,024 | 3,024 |
| September | 392 | 10,119 | W | 63,162 | W | W | 3,068 |
| October | 463 | 7,520 | W | 61,898 | - | W | W |
| November | 446 | 11,713 | W | 65,444 | - | W | W |
| December | 407 | 8,400 | W | 91,542 | - | W | W |
| **1988 Total** | **5,503** | **129,156** | **W** | **764,088** | **W** | **34,800** | **35,848** |

See footnotes at end of table.

# Table 46. Volumes of First Sales of Aviation Fuels, Propane, and Residual Fuel Oil (Continued)
(Thousand Gallons)

| Geographic Area Month | Aviation Gasoline | Kerosene-Type Jet Fuel | Naphtha-Type Jet Fuel | Propane (Consumer Grade) | Residual Fuel Oil | | |
|---|---|---|---|---|---|---|---|
| | | | | | Sulfur Content Less Than or Equal to 1 Percent | Sulfur Content Greater Than 1 Percent | Total Residual |
| **Kentucky** | | | | | | | |
| January | 114 | 13,842 | - | 22,762 | W | W | 1,954 |
| February | 95 | 13,582 | W | 14,788 | W | W | 1,452 |
| March | 131 | 15,663 | W | 12,169 | W | W | 2,715 |
| April | 214 | 16,010 | - | 5,080 | W | W | 972 |
| May | 246 | 16,871 | - | 5,661 | W | W | 926 |
| June | 282 | 16,486 | W | 6,881 | W | W | 773 |
| July | 206 | 13,194 | W | 4,986 | W | W | 846 |
| August | 243 | 14,907 | - | 8,360 | W | W | 1,425 |
| September | W | 14,551 | - | 9,768 | W | W | 2,128 |
| October | 248 | 14,318 | - | 14,723 | W | W | 796 |
| November | 178 | 14,635 | W | 13,900 | W | W | 1,388 |
| December | 167 | 15,243 | W | 16,651 | W | W | 1,942 |
| **1988 Total** | W | **179,301** | W | **135,729** | **11,428** | W | **17,317** |
| **Michigan** | | | | | | | |
| January | 429 | 18,060 | W | 50,686 | W | W | 5,972 |
| February | 331 | 14,354 | W | 47,490 | W | W | 7,640 |
| March | 444 | 16,703 | W | 39,560 | W | W | 5,579 |
| April | 539 | 25,073 | W | 25,571 | W | W | 5,130 |
| May | 493 | 22,644 | W | 20,290 | W | W | 3,782 |
| June | 1,065 | 23,400 | - | 18,474 | W | W | 2,097 |
| July | 1,027 | 22,770 | W | 18,823 | W | W | 3,359 |
| August | 930 | 27,112 | - | 21,374 | W | W | 5,315 |
| September | 1,092 | 22,904 | W | 26,616 | 719 | 4,717 | 5,436 |
| October | 1,077 | 24,649 | - | 43,950 | W | W | 3,638 |
| November | 906 | 21,042 | W | 46,875 | W | W | 7,644 |
| December | W | 23,301 | - | 57,641 | W | W | 10,723 |
| **1988 Total** | W | **262,012** | **1,325** | **417,350** | **12,545** | **53,770** | **66,315** |
| **Minnesota** | | | | | | | |
| January | 298 | 14,027 | - | 43,666 | - | 6,114 | 6,114 |
| February | 346 | 15,578 | - | 34,612 | - | W | W |
| March | 485 | 16,452 | - | 20,044 | - | W | W |
| April | 647 | 15,448 | - | 12,196 | - | W | W |
| May | 797 | 14,494 | - | 9,902 | - | W | W |
| June | 957 | 15,255 | - | 8,460 | - | 3,610 | 3,610 |
| July | 925 | 19,992 | - | 8,734 | - | 3,566 | 3,566 |
| August | 887 | 18,989 | - | 13,372 | - | 5,425 | 5,425 |
| September | 651 | 19,843 | - | 26,406 | - | 4,122 | 4,122 |
| October | 581 | 14,196 | - | 25,417 | - | W | W |
| November | 371 | 12,440 | - | 22,965 | - | 6,059 | 6,059 |
| December | 515 | 12,763 | - | 34,481 | W | W | 6,299 |
| **1988 Total** | **7,460** | **189,477** | - | **260,255** | W | **51,337** | **51,621** |
| **Missouri** | | | | | | | |
| January | 350 | 24,152 | W | 53,645 | - | W | W |
| February | 323 | 18,312 | - | 41,605 | W | W | 2,245 |
| March | 440 | 22,433 | W | 29,468 | W | W | W |
| April | 458 | 22,151 | W | 12,388 | W | W | 3,379 |
| May | 489 | 23,801 | W | 10,321 | W | W | 1,776 |
| June | 530 | 23,998 | - | 10,854 | - | W | W |
| July | 512 | 14,968 | - | 9,223 | W | W | W |
| August | 1,067 | 25,613 | W | 14,969 | - | W | W |
| September | 523 | 24,321 | - | 26,760 | - | W | W |
| October | 479 | 24,407 | W | 30,269 | - | W | W |
| November | 488 | 20,831 | - | 30,563 | - | W | W |
| December | 411 | 23,646 | - | 45,125 | - | W | W |
| **1988 Total** | **6,070** | **268,633** | W | **315,190** | W | W | **38,321** |

See footnotes at end of table.

## Table 46. Volumes of First Sales of Aviation Fuels, Propane, and Residual Fuel Oil (Continued)
(Thousand Gallons)

| Geographic Area Month | Aviation Gasoline | Kerosene-Type Jet Fuel | Naphtha-Type Jet Fuel | Propane (Consumer Grade) | Residual Fuel Oil | | |
|---|---|---|---|---|---|---|---|
| | | | | | Sulfur Content Less Than or Equal to 1 Percent | Sulfur Content Greater Than 1 Percent | Total Residual |
| **Nebraska** | | | | | | | |
| January | 230 | 1,892 | - | 17,246 | W | - | W |
| February | 188 | 1,957 | - | 12,896 | - | - | - |
| March | 277 | 2,109 | - | 9,323 | - | W | W |
| April | 315 | 1,798 | - | 5,023 | - | W | W |
| May | 309 | 1,766 | - | 4,056 | - | - | - |
| June | 397 | 1,899 | - | 12,570 | - | - | - |
| July | 448 | 2,280 | - | 12,790 | - | W | W |
| August | 415 | 1,889 | - | 13,481 | - | W | W |
| September | 258 | 1,871 | - | 12,261 | - | W | W |
| October | 273 | 1,651 | - | 14,347 | - | - | - |
| November | 238 | 1,912 | - | 9,801 | - | - | - |
| December | 254 | 2,023 | - | 12,598 | - | - | - |
| **1988 Total** | **3,602** | **23,047** | **-** | **136,392** | W | W | **3,093** |
| **North Dakota** | | | | | | | |
| January | W | 628 | W | 13,640 | - | W | W |
| February | 76 | 503 | W | 10,122 | W | W | W |
| March | W | 455 | W | 8,136 | - | W | W |
| April | 98 | 458 | W | 6,957 | - | W | W |
| May | W | 433 | W | 5,693 | - | W | W |
| June | 109 | 587 | W | 5,218 | - | W | W |
| July | 117 | 832 | W | 6,546 | - | W | W |
| August | 108 | 709 | W | 10,227 | - | W | W |
| September | W | 886 | W | 9,875 | - | W | W |
| October | W | 457 | W | 8,975 | - | W | W |
| November | W | 674 | W | 10,216 | - | W | W |
| December | W | 699 | W | 14,114 | - | W | W |
| **1988 Total** | **1,093** | **7,321** | W | **109,719** | W | W | W |
| **Ohio** | | | | | | | |
| January | 278 | 16,092 | W | 30,429 | 6,843 | 3,202 | 10,045 |
| February | 232 | 13,444 | W | 27,995 | 3,867 | 3,924 | 7,791 |
| March | 290 | 13,479 | W | 25,337 | 3,359 | 6,413 | 9,772 |
| April | 1,280 | 28,472 | 8,515 | 15,046 | 1,341 | 4,106 | 5,447 |
| May | 1,443 | 27,237 | W | 14,051 | W | W | 7,633 |
| June | 1,455 | 29,949 | W | 15,432 | W | W | 2,178 |
| July | 1,264 | 32,436 | W | 13,498 | 868 | 3,766 | 4,634 |
| August | 1,482 | 32,213 | W | 17,429 | 1,389 | 8,474 | 9,863 |
| September | 1,293 | 32,047 | W | 17,944 | 1,591 | 5,062 | 6,653 |
| October | 1,147 | 29,249 | W | 24,911 | 949 | 4,858 | 5,807 |
| November | 935 | 30,363 | W | 31,269 | 1,043 | 5,415 | 6,458 |
| December | 812 | 35,099 | W | 30,572 | 1,757 | 12,016 | 13,773 |
| **1988 Total** | **11,911** | **320,080** | **87,367** | **263,913** | **23,315** | **66,739** | **90,054** |
| **Oklahoma** | | | | | | | |
| January | 359 | 16,659 | 11,442 | 31,268 | W | W | 3,027 |
| February | 408 | 16,618 | 12,146 | 27,272 | W | W | 5,668 |
| March | 525 | 16,511 | 12,021 | 22,673 | W | W | 1,735 |
| April | 600 | 10,856 | 12,642 | 16,438 | W | W | 1,697 |
| May | 496 | 14,575 | 13,156 | 18,106 | W | W | 3,621 |
| June | 733 | 12,907 | 15,592 | 17,818 | W | W | 2,452 |
| July | 720 | 13,950 | 10,801 | 14,086 | W | W | 3,367 |
| August | 628 | 20,005 | 14,312 | 16,792 | W | W | 5,383 |
| September | 601 | 15,311 | 15,799 | 18,421 | W | W | 4,184 |
| October | 544 | 16,263 | 17,507 | 23,700 | W | W | 2,259 |
| November | 404 | 14,331 | 17,518 | 21,247 | W | W | 4,904 |
| December | 398 | 16,272 | 14,572 | 29,443 | W | W | 13,454 |
| **1988 Total** | **6,416** | **184,258** | **167,508** | **257,264** | W | **32,862** | **51,751** |

See footnotes at end of table.

## Table 46. Volumes of First Sales of Aviation Fuels, Propane, and Residual Fuel Oil (Continued)
(Thousand Gallons)

| Geographic Area Month | Aviation Gasoline | Kerosene-Type Jet Fuel | Naphtha-Type Jet Fuel | Propane (Consumer Grade) | Residual Fuel Oil | | |
|---|---|---|---|---|---|---|---|
| | | | | | Sulfur Content Less Than or Equal to 1 Percent | Sulfur Content Greater Than 1 Percent | Total Residual |
| **South Dakota** | | | | | | | |
| January | 180 | 528 | W | 9,441 | - | W | W |
| February | 187 | 588 | W | 6,496 | - | - | - |
| March | 228 | 670 | W | 3,953 | - | W | W |
| April | 196 | 478 | W | 2,038 | - | - | - |
| May | 412 | 497 | W | 1,225 | - | - | - |
| June | 435 | 494 | W | 1,043 | - | - | - |
| July | 459 | 544 | W | 1,349 | - | - | - |
| August | 331 | 572 | W | 2,576 | - | - | - |
| September | 233 | 401 | W | 5,590 | - | - | - |
| October | 208 | 486 | W | 6,749 | - | W | W |
| November | 227 | 456 | W | 5,026 | - | W | W |
| December | 212 | 548 | W | 7,055 | W | - | W |
| **1988 Total** | **3,308** | **6,262** | **38,019** | **52,541** | W | W | W |
| **Tennessee** | | | | | | | |
| January | 341 | 14,756 | - | 21,619 | W | W | 2,550 |
| February | 391 | 14,443 | - | 14,631 | W | W | 1,193 |
| March | 484 | 13,920 | - | 8,797 | W | W | 2,461 |
| April | 603 | 10,846 | - | 3,450 | W | W | 1,008 |
| May | 728 | 10,923 | - | 2,892 | W | W | 1,064 |
| June | 976 | 11,026 | - | 2,982 | W | W | 1,423 |
| July | 614 | 10,605 | - | 3,592 | W | W | W |
| August | 459 | 11,802 | - | 6,634 | W | W | W |
| September | 623 | 11,154 | - | 9,839 | W | W | W |
| October | 517 | 11,966 | - | 13,270 | W | W | 964 |
| November | 525 | 12,967 | - | 12,748 | W | W | 2,005 |
| December | 558 | 15,102 | - | 18,567 | W | W | 3,362 |
| **1988 Total** | **6,819** | **149,509** | **-** | **119,021** | W | **14,971** | **18,550** |
| **Wisconsin** | | | | | | | |
| January | W | 3,428 | - | 32,127 | - | 667 | 667 |
| February | 160 | 3,842 | - | 27,141 | - | 248 | 248 |
| March | 237 | 4,423 | - | 19,229 | - | 293 | 293 |
| April | 200 | 3,922 | - | 11,707 | - | 822 | 822 |
| May | W | 3,035 | - | 9,646 | - | 2,490 | 2,490 |
| June | 273 | 3,216 | - | 5,966 | - | 2,251 | 2,251 |
| July | 393 | 3,263 | - | 6,396 | - | 1,751 | 1,751 |
| August | 373 | 3,421 | - | 8,776 | - | 1,886 | 1,886 |
| September | 253 | 3,023 | - | 14,063 | - | 1,553 | 1,553 |
| October | W | 2,978 | - | 20,451 | - | 2,948 | 2,948 |
| November | 179 | 2,815 | - | 24,937 | W | W | 1,946 |
| December | W | 2,955 | - | 31,036 | W | W | 2,236 |
| **1988 Total** | **2,849** | **40,321** | **-** | **211,475** | W | **18,821** | **19,091** |
| **PAD District III Total** | | | | | | | |
| January | 3,184 | 356,377 | 100,061 | 532,182 | 73,021 | 201,355 | 274,376 |
| February | 5,035 | 391,520 | 96,160 | 425,090 | 90,451 | 173,745 | 264,196 |
| March | 5,117 | 348,348 | 104,744 | 413,045 | 53,205 | 250,116 | 303,321 |
| April | 4,435 | 346,436 | 96,935 | 334,551 | 47,277 | 231,889 | 279,166 |
| May | 4,857 | 399,561 | 96,139 | 361,466 | 97,837 | 211,611 | 309,448 |
| June | 5,301 | 375,596 | 99,169 | 330,655 | 77,673 | 231,136 | 308,810 |
| July | 6,826 | 412,758 | 90,841 | 360,242 | 80,472 | 243,003 | 323,475 |
| August | 5,719 | 362,370 | 80,098 | 383,871 | 78,412 | 241,912 | 320,324 |
| September | 5,190 | 404,765 | 95,667 | 350,025 | 67,841 | 236,476 | 304,317 |
| October | 4,424 | 413,735 | 97,653 | 389,454 | 42,567 | 249,068 | 291,635 |
| November | 3,988 | 342,079 | 81,806 | 343,586 | 75,237 | 198,581 | 273,818 |
| December | 3,821 | 340,467 | 97,627 | 449,961 | 61,397 | 266,192 | 327,589 |
| **1988 Total** | **57,897** | **4,494,012** | **1,136,900** | **4,674,128** | **845,391** | **2,735,084** | **3,580,475** |

See footnotes at end of table.

# Table 46. Volumes of First Sales of Aviation Fuels, Propane, and Residual Fuel Oil (Continued)
(Thousand Gallons)

| Geographic Area Month | Aviation Gasoline | Kerosene-Type Jet Fuel | Naphtha-Type Jet Fuel | Propane (Consumer Grade) | Residual Fuel Oil | | |
|---|---|---|---|---|---|---|---|
| | | | | | Sulfur Content Less Than or Equal to 1 Percent | Sulfur Content Greater Than 1 Percent | Total Residual |
| **Alabama** | | | | | | | |
| January | 234 | 2,935 | W | 25,040 | W | W | 10,653 |
| February | 302 | 2,623 | W | 16,459 | W | W | 7,863 |
| March | 376 | 2,760 | W | 13,310 | W | 9,240 | W |
| April | 329 | 2,971 | W | 6,502 | W | W | 9,117 |
| May | 368 | 3,033 | W | 5,646 | W | W | 12,212 |
| June | 431 | 3,170 | W | 5,102 | W | W | 5,799 |
| July | 370 | 3,374 | W | 5,495 | - | W | W |
| August | 398 | 3,576 | W | 8,897 | W | W | 8,989 |
| September | 400 | 6,527 | W | 12,649 | - | 12,008 | 12,008 |
| October | 313 | 3,453 | W | 16,559 | - | W | W |
| November | 347 | 3,329 | W | 14,318 | - | 19,156 | 19,156 |
| December | 314 | 3,308 | W | 23,977 | W | 6,126 | W |
| **1988 Total** | **4,182** | **41,058** | W | **153,954** | W | **113,287** | **114,643** |
| **Arkansas** | | | | | | | |
| January | 195 | 1,932 | W | 22,841 | W | W | W |
| February | 214 | 3,091 | W | 16,627 | W | - | W |
| March | 232 | 3,429 | W | 10,947 | - | W | W |
| April | 304 | 3,286 | W | 6,532 | - | - | - |
| May | 343 | 3,219 | W | 6,474 | - | - | - |
| June | 369 | 1,017 | W | 7,626 | - | - | - |
| July | 470 | 986 | W | 7,619 | - | - | - |
| August | 441 | 3,206 | W | 8,300 | - | - | - |
| September | 360 | 1,137 | W | 9,234 | - | W | W |
| October | 295 | 7,247 | W | 14,476 | - | W | W |
| November | 232 | 976 | W | 12,915 | - | - | - |
| December | 233 | 2,841 | W | 19,794 | - | W | W |
| **1988 Total** | **3,688** | **32,367** | W | **143,385** | W | W | **2,216** |
| **Louisiana** | | | | | | | |
| January | 270 | 86,640 | 22,503 | 51,249 | 16,697 | 88,943 | 105,640 |
| February | 303 | 71,369 | 24,398 | 41,558 | 22,321 | 102,271 | 124,592 |
| March | 365 | 66,750 | 34,403 | 45,087 | 15,851 | 115,585 | 131,436 |
| April | 340 | 62,929 | 35,238 | 36,702 | 13,091 | 88,957 | 102,048 |
| May | 470 | 65,908 | 35,151 | 33,601 | 33,989 | 82,496 | 116,485 |
| June | 473 | 54,539 | 39,834 | 28,118 | 40,483 | 104,461 | 144,944 |
| July | 420 | 65,147 | 35,827 | 38,635 | 39,360 | 113,979 | 153,340 |
| August | 406 | 38,717 | 29,213 | 35,810 | 51,329 | 112,612 | 163,942 |
| September | 437 | 62,301 | 38,766 | 36,113 | 40,219 | 112,511 | 152,730 |
| October | 369 | 56,987 | 28,679 | 40,058 | 19,468 | 100,851 | 120,319 |
| November | 333 | 52,862 | 30,606 | 33,537 | 10,683 | 60,288 | 70,971 |
| December | 300 | 46,567 | 42,281 | 38,662 | 21,808 | 114,588 | 136,396 |
| **1988 Total** | **4,486** | **730,716** | **396,899** | **459,130** | **325,300** | **1,197,542** | **1,522,842** |
| **Mississippi** | | | | | | | |
| January | 160 | 25,497 | W | 51,331 | - | 885 | 885 |
| February | 286 | 10,444 | W | 45,637 | - | W | W |
| March | 348 | 8,048 | W | 33,105 | - | 436 | 436 |
| April | 280 | 19,433 | 2,984 | 23,100 | W | W | 986 |
| May | 480 | 31,155 | W | 17,891 | W | W | 1,721 |
| June | 468 | 26,008 | W | 17,207 | - | W | W |
| July | 541 | 30,100 | W | 24,393 | W | W | W |
| August | 793 | 21,846 | W | 25,942 | W | W | W |
| September | 479 | 28,901 | W | 26,866 | W | W | 233 |
| October | 404 | 15,523 | W | 29,617 | W | W | 1,169 |
| November | 252 | 23,862 | W | 33,716 | W | W | 761 |
| December | 330 | 22,798 | W | 48,128 | W | W | 2,076 |
| **1988 Total** | **4,821** | **263,615** | **31,367** | **376,933** | **6,282** | **6,680** | **12,962** |

See footnotes at end of table.

# Table 46. Volumes of First Sales of Aviation Fuels, Propane, and Residual Fuel Oil (Continued)
(Thousand Gallons)

| Geographic Area Month | Aviation Gasoline | Kerosene-Type Jet Fuel | Naphtha-Type Jet Fuel | Propane (Consumer Grade) | Residual Fuel Oil | | |
|---|---|---|---|---|---|---|---|
| | | | | | Sulfur Content Less Than or Equal to 1 Percent | Sulfur Content Greater Than 1 Percent | Total Residual |
| **New Mexico** | | | | | | | |
| January | 227 | 3,208 | 3,172 | 16,622 | W | W | W |
| February | 222 | 2,979 | 1,263 | 13,941 | W | W | 1,460 |
| March | 265 | 3,494 | 1,915 | 9,401 | W | W | 656 |
| April | 251 | 3,341 | 1,662 | 6,740 | W | W | 591 |
| May | 254 | 2,792 | W | 7,524 | W | W | 711 |
| June | 246 | 2,894 | W | 4,436 | W | - | W |
| July | 282 | 3,187 | W | 4,287 | W | - | W |
| August | 307 | 3,399 | W | 4,349 | W | - | W |
| September | 259 | 3,012 | 1,816 | 6,706 | W | - | W |
| October | 257 | 3,269 | 1,928 | 7,377 | W | W | 653 |
| November | 197 | 3,103 | 1,452 | 10,110 | W | W | 1,189 |
| December | 251 | 3,123 | 1,407 | 13,083 | W | W | 512 |
| **1988 Total** | **3,018** | **37,801** | **20,260** | **104,576** | W | W | **8,106** |
| **Texas** | | | | | | | |
| January | 2,098 | 236,165 | 68,028 | 365,099 | 55,165 | 100,530 | 155,695 |
| February | 3,708 | 301,014 | 59,837 | 290,868 | 66,382 | 62,863 | 129,245 |
| March | 3,531 | 263,867 | 59,928 | 301,195 | 36,867 | 124,342 | 161,209 |
| April | 2,931 | 254,476 | 55,588 | 254,975 | 32,850 | 133,574 | 166,424 |
| May | 2,942 | 293,454 | 57,120 | 290,330 | 62,356 | 115,963 | 178,319 |
| June | 3,314 | 287,968 | 55,054 | 268,166 | 36,823 | 120,624 | 157,447 |
| July | 4,743 | 309,964 | 50,611 | 279,813 | 40,494 | 121,782 | 162,276 |
| August | 3,374 | 291,626 | 46,130 | 300,573 | 25,716 | 118,306 | 144,022 |
| September | 3,255 | 302,887 | 52,045 | 258,457 | 26,870 | 111,816 | 138,686 |
| October | 2,786 | 327,256 | 64,064 | 281,367 | 21,427 | 141,422 | 162,849 |
| November | 2,627 | 257,947 | 47,121 | 238,990 | 64,066 | 117,675 | 181,741 |
| December | 2,393 | 261,830 | 51,236 | 306,317 | 36,822 | 144,971 | 181,793 |
| **1988 Total** | **37,702** | **3,388,454** | **666,762** | **3,436,150** | **505,838** | **1,413,868** | **1,919,706** |
| **PAD District IV Total** | | | | | | | |
| January | 826 | 34,516 | 7,503 | 49,178 | 1,381 | 2,206 | 3,587 |
| February | 974 | 31,561 | 7,472 | 40,219 | W | W | 2,862 |
| March | 1,229 | 36,648 | 7,996 | 34,164 | 872 | 2,027 | 2,899 |
| April | 1,275 | 33,739 | 9,263 | 26,670 | 1,236 | 1,618 | 2,854 |
| May | 1,450 | 33,268 | 11,356 | 24,759 | W | W | 2,967 |
| June | 2,050 | 37,406 | 7,208 | 23,189 | 1,436 | 1,874 | 3,310 |
| July | 2,359 | 40,116 | 12,406 | 23,720 | 1,605 | 1,961 | 3,566 |
| August | 3,051 | 43,483 | 10,609 | 27,197 | W | W | 3,519 |
| September | 1,725 | 37,630 | 10,904 | 31,892 | 1,283 | 2,536 | 3,819 |
| October | 1,168 | 34,374 | 9,867 | 31,449 | 1,587 | 4,316 | 5,903 |
| November | 1,078 | 39,675 | 10,570 | 34,848 | 1,483 | 2,992 | 4,475 |
| December | 1,018 | 35,907 | 8,550 | 42,617 | 1,691 | 3,100 | 4,791 |
| **1988 Total** | **18,203** | **438,323** | **113,704** | **389,902** | **16,755** | **27,797** | **44,552** |
| **Colorado** | | | | | | | |
| January | 324 | 19,510 | W | 18,432 | - | W | W |
| February | 371 | 17,721 | W | 13,506 | - | - | - |
| March | 466 | 20,731 | W | 11,120 | - | W | W |
| April | 567 | 17,963 | W | 7,930 | - | W | W |
| May | 509 | 17,146 | W | 6,541 | - | W | W |
| June | 732 | 19,627 | W | 6,932 | W | W | W |
| July | 686 | 20,725 | W | 6,153 | W | W | W |
| August | 707 | 22,212 | W | 8,071 | - | W | W |
| September | 531 | 19,768 | W | 9,496 | - | W | W |
| October | 489 | 17,154 | W | 10,340 | - | W | W |
| November | 410 | 22,267 | W | 11,212 | - | W | W |
| December | 417 | 20,103 | W | 15,111 | - | W | W |
| **1988 Total** | **6,209** | **234,927** | W | **124,844** | W | W | W |

See footnotes at end of table.

## Table 46. Volumes of First Sales of Aviation Fuels, Propane, and Residual Fuel Oil (Continued)
(Thousand Gallons)

| Geographic Area Month | Aviation Gasoline | Kerosene-Type Jet Fuel | Naphtha-Type Jet Fuel | Propane (Consumer Grade) | Residual Fuel Oil | | |
|---|---|---|---|---|---|---|---|
| | | | | | Sulfur Content Less Than or Equal to 1 Percent | Sulfur Content Greater Than 1 Percent | Total Residual |
| **Idaho** | | | | | | | |
| January | W | 1,096 | - | 2,556 | - | W | W |
| February | 117 | 1,198 | - | 2,196 | - | W | W |
| March | 95 | 1,241 | - | 1,724 | - | - | - |
| April | 124 | 1,045 | - | 1,570 | - | - | - |
| May | 161 | 1,200 | - | 1,538 | - | W | W |
| June | 190 | 1,451 | - | 1,537 | - | W | W |
| July | 305 | 1,475 | - | 1,462 | - | W | W |
| August | 358 | 1,746 | - | 1,300 | - | W | W |
| September | 166 | 1,208 | - | 1,727 | - | W | W |
| October | 121 | 1,165 | - | 1,888 | - | W | W |
| November | 105 | 1,161 | - | 1,942 | - | W | W |
| December | 111 | 1,250 | - | 2,522 | - | W | W |
| **1988 Total** | W | **15,236** | - | **21,962** | - | W | W |
| **Montana** | | | | | | | |
| January | W | 1,875 | W | 6,180 | - | 545 | 545 |
| February | W | 1,847 | W | 5,535 | - | W | W |
| March | 266 | 1,745 | W | 4,560 | - | 843 | 843 |
| April | 201 | 1,754 | W | 3,527 | - | 875 | 875 |
| May | 315 | 1,961 | W | 3,664 | - | W | W |
| June | 417 | 2,217 | W | 3,310 | - | W | W |
| July | 470 | 2,437 | W | 3,237 | - | W | W |
| August | 969 | 2,971 | W | 4,617 | - | W | W |
| September | 416 | 2,348 | W | 5,081 | W | W | W |
| October | W | 1,800 | W | 4,548 | - | W | W |
| November | 241 | 1,599 | W | 5,351 | - | W | W |
| December | W | 1,777 | W | 5,840 | - | W | W |
| **1988 Total** | **3,996** | **24,331** | W | **55,450** | W | W | **7,638** |
| **Utah** | | | | | | | |
| January | 161 | 11,496 | 3,095 | 6,752 | W | W | 904 |
| February | 207 | 10,295 | 3,660 | 5,218 | W | W | 680 |
| March | 283 | 12,380 | 3,722 | 4,409 | W | W | 1,126 |
| April | 230 | 12,537 | 4,655 | 3,987 | W | W | 652 |
| May | 329 | 12,602 | 4,126 | 3,338 | W | W | 682 |
| June | 446 | 13,662 | 3,680 | 3,444 | W | W | 672 |
| July | 598 | 14,832 | 3,983 | 3,373 | W | W | 843 |
| August | 690 | 15,826 | 4,394 | 4,125 | W | W | 873 |
| September | 469 | 13,712 | 4,462 | 3,996 | W | W | 876 |
| October | 250 | 13,931 | 4,666 | 4,411 | W | W | 858 |
| November | 216 | 14,158 | 3,130 | 4,904 | W | W | 997 |
| December | 208 | 12,402 | 2,696 | 6,892 | W | W | 1,269 |
| **1988 Total** | **4,087** | **157,833** | **46,269** | **54,849** | **2,527** | **7,905** | **10,432** |
| **Wyoming** | | | | | | | |
| January | 121 | 539 | W | 15,258 | W | W | 1,993 |
| February | W | 500 | W | 13,764 | W | W | 1,469 |
| March | 119 | 551 | W | 12,351 | W | 291 | W |
| April | 153 | 440 | W | 9,656 | W | 168 | W |
| May | 136 | 359 | W | 9,678 | W | W | 1,538 |
| June | 265 | 449 | W | 7,966 | W | W | 1,532 |
| July | 300 | 647 | W | 9,495 | W | W | 1,937 |
| August | 327 | 728 | W | 9,084 | W | W | 2,196 |
| September | 143 | 594 | W | 11,592 | W | W | 1,828 |
| October | W | 324 | 172 | 10,262 | W | W | 3,248 |
| November | 106 | 490 | W | 11,439 | W | W | 1,542 |
| December | W | 375 | W | 12,252 | W | W | 2,009 |
| **1988 Total** | **1,974** | **5,996** | **4,210** | **132,797** | W | **7,338** | **21,512** |

See footnotes at end of table.

# Table 46. Volumes of First Sales of Aviation Fuels, Propane, and Residual Fuel Oil (Continued)

(Thousand Gallons)

| Geographic Area Month | Aviation Gasoline | Kerosene-Type Jet Fuel | Naphtha-Type Jet Fuel | Propane (Consumer Grade) | Residual Fuel Oil | | |
|---|---|---|---|---|---|---|---|
| | | | | | Sulfur Content Less Than or Equal to 1 Percent | Sulfur Content Greater Than 1 Percent | Total Residual |
| **PAD District V Total** | | | | | | | |
| January | 4,564 | 381,148 | 70,753 | 69,640 | 104,631 | 208,409 | 313,040 |
| February | 5,595 | 344,869 | 64,379 | 65,215 | 90,916 | 197,741 | 288,657 |
| March | 6,406 | 396,307 | 67,956 | 61,895 | 87,865 | 174,959 | 262,824 |
| April | 5,964 | 376,631 | 72,254 | 54,272 | 94,905 | 246,752 | 341,657 |
| May | 7,842 | 411,984 | 75,213 | 51,970 | 73,123 | 221,347 | 294,470 |
| June | 8,179 | 393,346 | 68,738 | 52,259 | 121,552 | 210,895 | 332,447 |
| July | 10,335 | 426,329 | 73,946 | 49,864 | 77,375 | 200,595 | 277,970 |
| August | 12,996 | 429,292 | 66,165 | 54,044 | 110,240 | 204,758 | 314,998 |
| September | 9,152 | 390,478 | 67,554 | 57,283 | 91,355 | 168,372 | 259,727 |
| October | 6,884 | 397,113 | 64,999 | 59,621 | 127,537 | 215,847 | 343,384 |
| November | 6,063 | 370,332 | 71,002 | 56,633 | 138,770 | 212,754 | 351,524 |
| December | 5,253 | 420,987 | 82,374 | 67,257 | 98,021 | 244,167 | 342,188 |
| **1988 Total** | **89,233** | **4,738,816** | **845,333** | **699,953** | **1,216,290** | **2,506,596** | **3,722,886** |
| **Alaska** | | | | | | | |
| January | W | 43,153 | 7,418 | W | W | - | W |
| February | 350 | 37,053 | 6,893 | W | W | - | W |
| March | 343 | 40,491 | 6,221 | W | W | - | W |
| April | 435 | 43,687 | 6,763 | W | W | W | W |
| May | W | 46,851 | 6,767 | W | W | W | W |
| June | 971 | 49,570 | 7,595 | W | W | - | W |
| July | 2,604 | 57,897 | 8,143 | W | W | - | W |
| August | 4,593 | 49,724 | 8,823 | W | W | - | W |
| September | 1,602 | 41,781 | 8,626 | W | - | W | W |
| October | 815 | 53,997 | 8,509 | W | W | - | W |
| November | 907 | 48,734 | 6,711 | W | W | W | W |
| December | 864 | 53,266 | W | W | W | W | W |
| **1988 Total** | **15,071** | **566,204** | W | **7,824** | W | W | W |
| **Arizona** | | | | | | | |
| January | 497 | 16,800 | 4,761 | 8,228 | - | - | - |
| February | 613 | 16,729 | W | 7,650 | - | - | - |
| March | 673 | 19,218 | 6,545 | 6,702 | - | - | - |
| April | 546 | 16,937 | 6,393 | 3,518 | - | - | - |
| May | 678 | 14,587 | 6,379 | 2,537 | - | - | - |
| June | 656 | 13,611 | 5,929 | 2,265 | - | - | - |
| July | 725 | 17,746 | W | 2,396 | W | - | W |
| August | 676 | 15,421 | W | 3,644 | W | - | W |
| September | 615 | 13,002 | W | 3,339 | W | - | W |
| October | 622 | 17,204 | 5,691 | 3,281 | W | - | W |
| November | 507 | 17,179 | 7,779 | 4,203 | W | - | W |
| December | 515 | 17,538 | 6,399 | 5,463 | W | - | W |
| **1988 Total** | **7,323** | **195,972** | **63,503** | **53,226** | W | - | W |
| **California** | | | | | | | |
| January | 2,685 | 206,423 | 45,726 | 41,102 | 39,778 | 151,523 | 191,301 |
| February | 3,404 | 194,147 | 40,953 | 38,736 | 25,461 | 124,474 | 149,935 |
| March | 3,882 | 223,833 | 45,812 | 36,735 | 20,021 | 116,596 | 136,617 |
| April | 3,605 | 216,111 | 44,178 | 32,937 | 29,438 | 154,275 | 183,713 |
| May | 4,061 | 242,970 | 49,451 | 34,259 | 21,255 | 149,455 | 170,710 |
| June | 4,671 | 221,843 | 44,580 | 35,669 | 28,239 | 146,500 | 174,739 |
| July | 4,867 | 231,400 | 53,894 | 32,123 | 17,709 | 134,325 | 152,034 |
| August | 5,215 | 238,744 | 47,433 | 34,513 | 37,073 | 139,049 | 176,122 |
| September | 5,070 | 222,602 | 47,703 | 38,165 | 48,030 | 97,341 | 145,371 |
| October | 3,953 | 212,884 | 42,996 | 38,820 | 79,163 | 149,841 | 229,004 |
| November | 3,582 | 199,480 | 42,933 | 33,184 | 76,062 | 146,771 | 222,833 |
| December | 2,838 | 232,535 | 64,690 | 41,225 | 63,536 | 166,988 | 230,524 |
| **1988 Total** | **47,833** | **2,642,972** | **570,349** | **437,468** | **485,765** | **1,677,138** | **2,162,903** |

See footnotes at end of table.

# Table 46. Volumes of First Sales of Aviation Fuels, Propane, and Residual Fuel Oil (Continued)
(Thousand Gallons)

| Geographic Area Month | Aviation Gasoline | Kerosene-Type Jet Fuel | Naphtha-Type Jet Fuel | Propane (Consumer Grade) | Residual Fuel Oil | | |
|---|---|---|---|---|---|---|---|
| | | | | | Sulfur Content Less Than or Equal to 1 Percent | Sulfur Content Greater Than 1 Percent | Total Residual |
| **Hawaii** | | | | | | | |
| January | W | 31,903 | W | W | 43,881 | 9,222 | 53,103 |
| February | W | 31,616 | W | W | 42,557 | 9,918 | 52,475 |
| March | W | 28,942 | W | W | 47,587 | 9,387 | 56,974 |
| April | W | 28,303 | W | W | 43,136 | 10,196 | 53,332 |
| May | W | 29,728 | W | W | 49,553 | 8,917 | 58,470 |
| June | W | 29,764 | W | W | 47,310 | 9,343 | 56,653 |
| July | W | 33,003 | W | W | 50,202 | 8,640 | 58,842 |
| August | W | 31,780 | W | W | 49,060 | 10,248 | 59,308 |
| September | W | 28,648 | W | W | 38,821 | 11,924 | 50,745 |
| October | W | 36,223 | W | W | 30,274 | 13,693 | 43,967 |
| November | W | 30,347 | W | W | 42,736 | 11,288 | 54,024 |
| December | W | 32,064 | W | W | 30,219 | 12,035 | 42,254 |
| **1988 Total** | W | **372,321** | W | W | **515,336** | **124,811** | **640,147** |
| **Nevada** | | | | | | | |
| January | 246 | 12,649 | W | 5,199 | W | - | W |
| February | 311 | 12,183 | W | 4,204 | W | - | W |
| March | W | 13,842 | - | 3,023 | W | - | W |
| April | W | 12,368 | W | 2,687 | W | - | W |
| May | 386 | 13,699 | - | 2,048 | W | - | W |
| June | 397 | 11,830 | - | 1,443 | W | - | W |
| July | 406 | 11,474 | - | 1,941 | W | - | W |
| August | W | 12,724 | - | 1,686 | W | - | W |
| September | 371 | 12,473 | - | 2,163 | W | - | W |
| October | 362 | 14,831 | - | 2,538 | W | - | W |
| November | 239 | 12,436 | W | 2,945 | W | - | W |
| December | W | 11,094 | W | 4,356 | W | - | W |
| **1988 Total** | **4,011** | **151,603** | W | **34,233** | W | - | W |
| **Oregon** | | | | | | | |
| January | 126 | 7,535 | - | 5,274 | W | W | 11,350 |
| February | W | 8,600 | - | 4,535 | W | W | 11,863 |
| March | 342 | 8,302 | - | 4,224 | W | W | 8,500 |
| April | 262 | 8,409 | - | 4,178 | W | W | 16,589 |
| May | 406 | 8,314 | - | 4,009 | W | W | 12,235 |
| June | W | 8,680 | - | 3,622 | W | W | 11,726 |
| July | W | 10,446 | - | 3,240 | W | W | 8,407 |
| August | 621 | 11,029 | - | 3,473 | W | W | 8,425 |
| September | W | 10,675 | - | 3,969 | W | W | 11,004 |
| October | W | 8,697 | - | 4,157 | W | W | 12,223 |
| November | W | 10,281 | - | 4,245 | W | W | 9,968 |
| December | 249 | 10,598 | - | 4,684 | W | W | 13,384 |
| **1988 Total** | **3,895** | **111,566** | - | **49,610** | W | **134,400** | **135,674** |
| **Washington** | | | | | | | |
| January | 446 | 62,685 | W | 7,030 | - | W | W |
| February | 514 | 44,541 | W | 7,531 | W | W | 52,918 |
| March | 623 | 61,679 | W | 8,823 | W | W | 41,950 |
| April | 681 | 50,816 | W | 8,749 | W | W | 60,024 |
| May | 833 | 55,835 | W | 8,040 | - | 49,913 | 49,913 |
| June | 902 | 58,048 | W | 7,995 | - | W | W |
| July | 1,006 | 64,363 | - | 8,032 | - | W | W |
| August | 1,140 | 69,870 | - | 8,275 | W | W | 52,900 |
| September | 926 | 61,297 | - | 7,888 | W | W | 45,768 |
| October | 664 | 53,277 | W | 8,789 | - | W | W |
| November | 423 | 51,875 | W | 9,797 | - | 44,015 | 44,015 |
| December | 430 | 63,892 | W | 9,082 | W | W | 53,035 |
| **1988 Total** | **8,588** | **698,178** | W | **100,031** | W | **552,430** | **570,077** |

Dashes (-) = No data reported.
NA = Not Available.
W = Withheld to avoid disclosure of individual company data.
Note: Totals may not equal the sum of components due to rounding.
Source: Energy Information Administration Form EIA-782C, "Monthly Report of Petroleum Products Sold into States for Consumption."

# Table 47. Volumes of First Sales of Distillate Fuel Oils
(Thousand Gallons)

| Geographic Area Month | Kerosene | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate and Kerosene |
|---|---|---|---|---|---|---|---|
| | | | No. 2 Fuel Oil | No. 2 Diesel | Total | | |
| **U.S. Total** | | | | | | | |
| January | 248,189 | 236,312 | 2,809,168 | 2,032,386 | 4,841,554 | 134,666 | 5,460,721 |
| February | 167,487 | 181,816 | 2,604,908 | 2,080,137 | 4,685,045 | 108,918 | 5,143,266 |
| March | 117,723 | 83,979 | 2,390,046 | 2,467,204 | 4,857,250 | 105,488 | 5,164,440 |
| April | 56,499 | 32,235 | 1,700,668 | 2,074,158 | 3,774,826 | 60,991 | 3,924,551 |
| May | 27,075 | 28,169 | 1,572,795 | 2,171,847 | 3,744,642 | 49,981 | 3,849,867 |
| June | 34,247 | 26,561 | 1,423,737 | 2,211,871 | 3,635,608 | 47,170 | 3,743,586 |
| July | 33,019 | 28,716 | 1,509,322 | 2,176,756 | 3,686,079 | 47,105 | 3,794,919 |
| August | 43,251 | 33,035 | 1,577,105 | 2,320,732 | 3,897,837 | 52,676 | 4,026,799 |
| September | 69,475 | 61,831 | 1,513,596 | 2,156,676 | 3,670,272 | 44,090 | 3,845,668 |
| October | 119,274 | 100,231 | 1,901,323 | 2,301,685 | 4,203,008 | 65,048 | 4,487,561 |
| November | 126,464 | 147,748 | 2,034,803 | 2,174,245 | 4,209,048 | 65,004 | 4,548,264 |
| December | 230,574 | 210,931 | 2,550,995 | 2,180,592 | 4,731,586 | 107,925 | 5,281,016 |
| **1988 Total** | **1,273,278** | **1,171,565** | **23,588,465** | **26,348,289** | **49,936,754** | **889,062** | **53,270,659** |
| **PAD District I Total** | | | | | | | |
| January | 169,312 | 40,182 | 1,900,912 | 485,796 | 2,386,708 | 115,136 | 2,711,338 |
| February | 118,250 | 32,289 | 1,690,775 | 486,163 | 2,176,938 | 89,262 | 2,416,739 |
| March | 79,755 | 19,974 | 1,389,255 | 545,457 | 1,934,712 | 77,391 | 2,111,832 |
| April | 30,672 | 6,851 | 942,668 | 471,214 | 1,413,882 | 43,179 | 1,494,584 |
| May | 18,805 | 5,954 | 804,045 | 475,183 | 1,279,228 | 26,288 | 1,330,275 |
| June | 18,230 | 6,830 | 692,306 | 496,509 | 1,188,815 | 27,288 | 1,241,163 |
| July | 22,860 | 6,472 | 739,573 | 467,707 | 1,207,280 | 23,324 | 1,259,937 |
| August | 30,839 | 6,727 | 759,719 | 509,472 | 1,269,191 | 30,715 | 1,337,472 |
| September | 46,448 | 10,330 | 717,104 | 480,717 | 1,197,821 | 20,377 | 1,274,976 |
| October | 77,556 | 19,154 | 1,030,014 | 512,890 | 1,542,904 | 38,493 | 1,678,107 |
| November | 86,535 | 20,278 | 1,219,835 | 495,886 | 1,715,721 | 53,044 | 1,875,578 |
| December | 168,644 | 35,183 | 1,715,142 | 544,028 | 2,259,170 | 90,168 | 2,553,165 |
| **1988 Total** | **867,906** | **210,224** | **13,601,348** | **5,971,022** | **19,572,370** | **634,665** | **21,285,165** |
| **Subdistrict IA Total** | | | | | | | |
| January | 20,126 | 4,990 | 591,201 | 43,119 | 634,320 | 31,943 | 691,379 |
| February | 13,715 | 4,656 | 494,001 | 41,728 | 535,729 | 26,535 | 580,635 |
| March | 11,379 | 3,624 | 392,808 | 46,023 | 438,831 | 21,604 | 475,438 |
| April | 4,697 | 1,112 | 235,950 | 47,180 | 283,130 | 11,889 | 300,828 |
| May | 2,692 | 693 | 197,255 | 39,113 | 236,368 | 6,474 | 246,227 |
| June | 2,672 | 1,024 | 136,410 | 43,136 | 179,546 | 4,615 | 187,857 |
| July | 2,372 | 900 | 143,526 | 48,942 | 192,468 | 3,618 | 199,358 |
| August | 5,106 | 791 | 164,321 | 42,890 | 207,211 | 4,443 | 217,551 |
| September | 4,419 | 1,209 | 186,828 | 42,494 | 229,322 | 4,788 | 239,738 |
| October | 6,487 | 2,311 | 249,340 | 45,190 | 294,530 | 9,331 | 312,659 |
| November | 8,586 | 3,497 | 308,478 | 46,662 | 355,140 | 14,501 | 381,724 |
| December | 18,731 | 7,054 | 497,630 | 51,744 | 549,374 | 24,314 | 599,473 |
| **1988 Total** | **100,982** | **31,861** | **3,597,748** | **538,221** | **4,135,969** | **164,055** | **4,432,867** |
| **Connecticut** | | | | | | | |
| January | 4,994 | 1,236 | 140,706 | 7,084 | 147,790 | 9,701 | 163,721 |
| February | 3,077 | 991 | 128,930 | 7,210 | 136,140 | 7,233 | 147,441 |
| March | 1,945 | 723 | 87,818 | 8,117 | 95,935 | 4,712 | 103,315 |
| April | 678 | 208 | 59,300 | 8,325 | 67,625 | 2,789 | 71,300 |
| May | 297 | 178 | 45,947 | 8,730 | 54,677 | 1,336 | 56,488 |
| June | 697 | 278 | 28,599 | 8,838 | 37,437 | 949 | 39,361 |
| July | 523 | 341 | 35,298 | 8,171 | 43,469 | 952 | 45,285 |
| August | 1,114 | W | 57,597 | 8,334 | 65,931 | W | 68,462 |
| September | 777 | 366 | 49,380 | 8,617 | 57,997 | 1,099 | 60,239 |
| October | 1,286 | 327 | 46,367 | 7,767 | 54,134 | 2,244 | 57,991 |
| November | 2,135 | 711 | 71,305 | 8,149 | 79,454 | 3,183 | 85,483 |
| December | 4,774 | 969 | 104,317 | 7,997 | 112,314 | 5,139 | 123,196 |
| **1988 Total** | **22,297** | W | **855,564** | **97,339** | **952,903** | W | **1,022,282** |

See footnotes at end of table.

# Table 47. Volumes of First Sales of Distillate Fuel Oils (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate and Kerosene |
|---|---|---|---|---|---|---|---|
| | | | No. 2 Fuel Oil | No. 2 Diesel | Total | | |
| **Maine** | | | | | | | |
| January | 5,180 | 1,513 | 35,597 | 7,335 | 42,932 | 1,437 | 51,062 |
| February | 3,753 | 1,574 | 30,482 | 7,109 | 37,591 | 2,185 | 45,103 |
| March | 2,396 | 1,198 | 30,948 | 7,958 | 38,906 | 887 | 43,387 |
| April | 1,020 | 307 | 25,159 | 6,521 | 31,680 | 591 | 33,598 |
| May | 672 | 113 | 15,161 | 6,012 | 21,173 | 352 | 22,310 |
| June | 505 | W | 17,162 | 6,770 | 23,932 | W | 24,678 |
| July | 223 | W | 12,965 | 6,682 | 19,647 | W | 20,075 |
| August | 430 | 94 | 17,630 | 6,877 | 24,507 | 242 | 25,273 |
| September | 1,307 | 371 | 23,700 | 7,062 | 30,762 | 226 | 32,666 |
| October | 1,938 | 816 | 28,916 | 7,505 | 36,421 | 511 | 39,686 |
| November | 2,201 | 1,117 | 32,756 | 6,702 | 39,458 | 738 | 43,514 |
| December | 4,409 | 2,265 | 50,423 | 7,528 | 57,951 | 1,053 | 65,678 |
| **1988 Total** | **24,034** | **9,528** | **320,899** | **84,061** | **404,960** | **8,508** | **447,030** |
| **Massachusetts** | | | | | | | |
| January | 4,848 | 1,082 | 296,893 | 16,031 | 312,924 | 16,282 | 335,136 |
| February | 3,382 | 865 | 250,228 | 15,449 | 265,677 | 13,223 | 283,147 |
| March | 4,292 | 582 | 209,983 | 17,367 | 227,350 | 12,590 | 244,814 |
| April | 1,894 | 231 | 102,154 | 22,023 | 124,177 | 6,424 | 132,726 |
| May | 1,105 | 185 | 88,737 | 13,799 | 102,536 | 3,468 | 107,294 |
| June | 952 | 240 | 61,527 | 16,167 | 77,694 | 2,266 | 81,152 |
| July | 868 | 146 | 61,185 | 23,545 | 84,730 | 1,625 | 87,369 |
| August | 2,992 | 169 | 58,135 | 16,447 | 74,582 | 2,001 | 79,744 |
| September | 1,076 | 221 | 74,333 | 15,409 | 89,742 | 2,293 | 93,332 |
| October | 1,435 | 628 | 104,340 | 17,650 | 121,990 | 4,855 | 128,908 |
| November | 1,947 | 789 | 139,816 | 18,263 | 158,079 | 7,779 | 168,594 |
| December | 4,152 | 1,407 | 246,383 | 19,641 | 266,024 | 14,306 | 285,889 |
| **1988 Total** | **28,943** | **6,545** | **1,693,714** | **211,791** | **1,905,505** | **87,112** | **2,028,105** |
| **New Hampshire** | | | | | | | |
| January | 2,882 | W | 51,810 | 7,672 | 59,482 | W | 64,880 |
| February | 1,806 | W | 23,307 | 7,122 | 30,429 | W | 34,510 |
| March | 1,332 | W | 23,089 | 7,272 | 30,361 | W | 33,596 |
| April | 519 | W | 19,376 | 5,612 | 24,988 | W | 26,710 |
| May | 354 | W | 20,334 | 5,559 | 25,893 | W | 27,049 |
| June | 130 | 104 | 8,841 | 6,074 | 14,915 | 724 | 15,873 |
| July | 158 | 104 | 16,128 | 5,030 | 21,158 | 504 | 21,924 |
| August | 145 | 136 | 9,218 | 5,815 | 15,033 | 496 | 15,810 |
| September | 663 | W | 11,774 | 5,613 | 17,387 | W | 18,814 |
| October | 913 | W | 17,165 | 5,831 | 22,996 | W | 24,859 |
| November | 1,365 | W | 20,951 | 6,908 | 27,859 | W | 31,067 |
| December | 3,237 | W | 30,235 | 9,246 | 39,481 | W | 45,221 |
| **1988 Total** | **13,504** | **4,025** | **252,228** | **77,754** | **329,982** | **12,802** | **360,313** |
| **Rhode Island** | | | | | | | |
| January | 744 | 370 | 54,998 | 2,701 | 57,699 | 2,135 | 60,948 |
| February | 526 | 515 | 52,352 | 2,725 | 55,077 | 1,845 | 57,963 |
| March | 494 | 561 | 33,806 | 3,362 | 37,168 | 1,535 | 39,758 |
| April | 171 | 106 | 24,995 | 2,949 | 27,944 | 914 | 29,135 |
| May | 118 | 97 | 22,687 | 3,070 | 25,757 | 463 | 26,435 |
| June | 339 | 328 | 16,578 | 3,238 | 19,816 | 358 | 20,841 |
| July | 532 | 179 | 15,369 | 3,534 | 18,903 | 335 | 19,949 |
| August | 268 | W | 18,518 | 3,282 | 21,800 | W | 22,573 |
| September | 241 | 72 | 23,813 | 3,487 | 27,300 | 370 | 27,983 |
| October | 334 | 109 | 47,420 | 3,974 | 51,394 | 603 | 52,440 |
| November | 228 | 319 | 37,767 | 3,972 | 41,739 | 967 | 43,253 |
| December | 547 | 1,321 | 57,460 | 4,393 | 61,853 | 1,612 | 65,333 |
| **1988 Total** | **4,542** | W | **405,763** | **40,687** | **446,450** | W | **466,611** |

See footnotes at end of table.

# Table 47. Volumes of First Sales of Distillate Fuel Oils (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate and Kerosene |
|---|---|---|---|---|---|---|---|
| | | | No. 2 Fuel Oil | No. 2 Diesel | Total | | |
| **Vermont** | | | | | | | |
| January | 1,478 | W | 11,197 | 2,296 | 13,493 | W | 15,632 |
| February | 1,171 | W | 8,702 | 2,113 | 10,815 | W | 12,471 |
| March | 920 | W | 7,164 | 1,947 | 9,111 | W | 10,568 |
| April | 415 | W | 4,966 | 1,750 | 6,716 | W | 7,359 |
| May | 146 | W | 4,389 | 1,943 | 6,332 | W | 6,651 |
| June | 49 | W | 3,703 | 2,049 | 5,752 | W | 5,952 |
| July | 68 | W | 2,581 | 1,980 | 4,561 | W | 4,756 |
| August | 157 | W | 3,223 | 2,135 | 5,358 | W | 5,689 |
| September | 355 | W | 3,828 | 2,306 | 6,134 | W | 6,704 |
| October | 581 | W | 5,132 | 2,463 | 7,595 | W | 8,775 |
| November | 710 | W | 5,883 | 2,668 | 8,551 | W | 9,813 |
| December | 1,612 | W | 8,812 | 2,939 | 11,751 | W | 14,156 |
| **1988 Total** | **7,662** | **1,097** | **69,580** | **26,589** | **96,169** | **3,598** | **108,526** |
| **Subdistrict IB Total** | | | | | | | |
| January | 79,992 | 15,915 | 1,062,352 | 165,958 | 1,228,310 | 77,160 | 1,401,377 |
| February | 58,717 | 14,100 | 981,853 | 146,676 | 1,128,529 | 58,836 | 1,260,182 |
| March | 43,235 | 8,458 | 774,395 | 167,872 | 942,267 | 48,871 | 1,042,831 |
| April | 19,359 | 3,499 | 539,026 | 145,286 | 684,312 | 27,036 | 734,206 |
| May | 12,877 | 3,465 | 444,752 | 153,145 | 597,897 | 16,613 | 630,852 |
| June | 13,268 | 4,002 | 391,471 | 159,461 | 550,932 | 19,470 | 587,672 |
| July | 15,368 | 3,628 | 443,017 | 147,234 | 590,251 | 16,779 | 626,026 |
| August | 20,029 | 4,026 | 438,037 | 165,429 | 603,466 | 22,966 | 650,487 |
| September | 26,557 | 4,730 | 376,916 | 147,348 | 524,264 | 12,715 | 568,266 |
| October | 36,292 | 7,740 | 595,681 | 152,539 | 748,220 | 25,311 | 817,563 |
| November | 45,343 | 9,202 | 710,720 | 157,096 | 867,816 | 33,513 | 955,874 |
| December | 87,855 | 16,760 | 983,048 | 181,843 | 1,164,891 | 58,275 | 1,327,781 |
| **1988 Total** | **458,892** | **95,525** | **7,741,268** | **1,889,887** | **9,631,154** | **417,545** | **10,603,116** |
| **Delaware** | | | | | | | |
| January | W | W | 17,482 | 7,050 | 24,532 | W | 26,728 |
| February | W | W | 17,390 | 6,630 | 24,020 | W | 25,319 |
| March | W | W | 16,985 | 8,142 | 25,127 | W | 25,878 |
| April | W | W | 6,306 | 5,392 | 11,698 | W | 12,098 |
| May | W | - | 15,390 | 6,162 | 21,552 | W | 21,835 |
| June | 161 | W | 14,879 | W | W | - | 24,288 |
| July | 123 | W | 12,930 | 8,287 | 21,217 | W | 21,364 |
| August | 119 | W | 9,020 | 8,523 | 17,543 | W | 17,678 |
| September | W | W | 12,066 | 9,485 | 21,551 | - | 21,977 |
| October | W | W | 12,528 | 10,742 | 23,270 | W | 24,437 |
| November | W | 48 | 12,681 | 10,891 | 23,572 | W | 24,407 |
| December | 1,717 | W | 33,481 | 11,639 | 45,120 | W | 47,016 |
| **1988 Total** | **9,035** | **441** | **181,138** | W | W | W | **293,025** |
| **District of Columbia** | | | | | | | |
| January | W | - | 23,815 | 368 | 24,183 | W | 29,580 |
| February | W | - | 16,219 | 346 | 16,565 | W | 18,897 |
| March | W | - | 11,987 | 446 | 12,433 | W | 14,753 |
| April | W | - | 6,473 | 507 | 6,980 | W | 7,367 |
| May | W | - | 3,801 | 458 | 4,259 | W | 5,277 |
| June | - | - | 9,076 | W | W | W | 16,944 |
| July | W | - | 4,624 | 405 | 5,029 | W | 12,595 |
| August | W | - | 7,921 | 407 | 8,328 | W | 20,076 |
| September | W | - | 3,056 | 337 | 3,393 | W | 4,710 |
| October | W | - | 6,635 | 404 | 7,039 | W | 8,681 |
| November | W | - | 9,129 | 340 | 9,469 | W | 11,242 |
| December | W | W | 12,051 | 614 | 12,665 | W | 17,521 |
| **1988 Total** | **1,470** | W | **114,787** | W | W | W | **167,643** |

See footnotes at end of table.

# Table 47. Volumes of First Sales of Distillate Fuel Oils (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate and Kerosene |
|---|---|---|---|---|---|---|---|
| | | | No. 2 Fuel Oil | No. 2 Diesel | Total | | |
| **Maryland** | | | | | | | |
| January | 8,931 | 1,162 | 88,407 | 20,715 | 109,122 | 1,372 | 120,587 |
| February | 5,855 | 840 | 61,036 | 20,762 | 81,798 | 754 | 89,247 |
| March | 4,180 | W | 54,432 | 26,030 | 80,462 | W | 85,485 |
| April | 1,259 | W | 32,129 | 24,767 | 56,896 | W | 58,504 |
| May | 811 | W | 23,818 | 24,364 | 48,182 | W | 49,207 |
| June | 949 | W | 27,923 | 22,342 | 50,265 | W | 51,439 |
| July | 583 | W | 33,351 | 21,963 | 55,314 | W | 56,152 |
| August | 1,847 | W | 28,493 | 24,035 | 52,528 | W | 54,677 |
| September | 2,752 | W | 20,495 | 20,794 | 41,289 | W | 44,384 |
| October | 4,460 | W | 36,669 | 23,203 | 59,872 | W | 64,787 |
| November | 4,701 | W | 48,191 | 23,731 | 71,922 | W | 77,413 |
| December | W | 1,043 | 74,442 | 25,573 | 100,015 | W | 110,651 |
| **1988 Total** | W | **4,171** | **529,386** | **278,279** | **807,665** | **5,574** | **862,533** |
| **New Jersey** | | | | | | | |
| January | 17,882 | 3,238 | 421,343 | 59,268 | 480,611 | 18,032 | 519,763 |
| February | 11,184 | 2,539 | 418,017 | 46,549 | 464,566 | 12,806 | 491,095 |
| March | 12,627 | 1,679 | 282,921 | 39,918 | 322,839 | 9,766 | 346,911 |
| April | 6,256 | 908 | 218,337 | 38,511 | 256,848 | 4,681 | 268,693 |
| May | 5,471 | 949 | 176,743 | 42,838 | 219,581 | 2,851 | 228,852 |
| June | 7,517 | 1,394 | 143,495 | 38,024 | 181,519 | 2,310 | 192,740 |
| July | 7,788 | 904 | 187,211 | 33,619 | 220,830 | 1,537 | 231,059 |
| August | 10,104 | 841 | 159,897 | 41,558 | 201,455 | 2,458 | 214,858 |
| September | 10,379 | 864 | 121,548 | 33,749 | 155,297 | 2,444 | 168,984 |
| October | 8,569 | 1,489 | 229,398 | 34,003 | 263,401 | 4,910 | 278,369 |
| November | 16,068 | 1,649 | 280,918 | 42,081 | 322,999 | 6,617 | 347,333 |
| December | 33,571 | 2,864 | 365,517 | 59,066 | 424,583 | 13,383 | 474,401 |
| **1988 Total** | **147,416** | **19,318** | **3,005,345** | **509,184** | **3,514,529** | **81,795** | **3,763,058** |
| **New York** | | | | | | | |
| January | 20,989 | 4,223 | 300,342 | 22,055 | 322,397 | 50,616 | 398,225 |
| February | 18,455 | 3,909 | 276,189 | 21,666 | 297,855 | 41,568 | 361,787 |
| March | 12,107 | 2,422 | 232,173 | 26,372 | 258,545 | 35,228 | 308,302 |
| April | 5,235 | 1,172 | 144,263 | 23,533 | 167,796 | 21,011 | 195,214 |
| May | 2,785 | 1,458 | 117,592 | 25,372 | 142,964 | 12,096 | 159,303 |
| June | 2,639 | 1,365 | 83,762 | 37,007 | 120,769 | 8,998 | 133,771 |
| July | 2,177 | 1,315 | 94,983 | 25,126 | 120,109 | 7,014 | 130,615 |
| August | 3,236 | 1,575 | 110,668 | 25,815 | 136,483 | 8,149 | 149,443 |
| September | 4,929 | 1,645 | 93,103 | 25,883 | 118,986 | 8,253 | 133,813 |
| October | 7,664 | 2,496 | 162,071 | 25,195 | 187,266 | 18,012 | 215,438 |
| November | 10,045 | 2,923 | 183,514 | 23,287 | 206,801 | 24,238 | 244,007 |
| December | 19,838 | 4,640 | 274,640 | 26,510 | 301,150 | 37,815 | 363,443 |
| **1988 Total** | **110,099** | **29,143** | **2,073,300** | **307,821** | **2,381,121** | **272,998** | **2,793,361** |
| **Pennsylvania** | | | | | | | |
| January | 29,983 | W | 210,963 | 56,502 | 267,465 | W | 306,494 |
| February | 21,951 | W | 193,002 | 50,723 | 243,725 | W | 273,837 |
| March | 13,533 | 4,024 | 175,897 | 66,964 | 242,861 | 1,084 | 261,502 |
| April | 6,229 | 1,341 | 131,518 | 52,576 | 184,094 | 666 | 192,330 |
| May | 3,524 | W | 107,408 | 53,951 | 161,359 | W | 166,378 |
| June | 2,002 | W | 112,336 | 52,331 | 164,667 | W | 168,490 |
| July | W | 1,394 | 109,918 | 57,834 | 167,752 | W | 174,241 |
| August | W | 1,580 | 122,038 | 65,091 | 187,129 | W | 193,755 |
| September | 7,953 | W | 126,648 | 57,100 | 183,748 | W | 194,398 |
| October | 14,149 | 3,585 | 148,380 | 58,992 | 207,372 | 745 | 225,851 |
| November | 13,412 | W | 176,287 | 56,766 | 233,053 | W | 251,472 |
| December | 23,750 | W | 222,917 | 58,441 | 281,358 | W | 314,749 |
| **1988 Total** | **145,749** | **42,450** | **1,837,312** | **687,271** | **2,524,583** | W | **2,723,497** |

See footnotes at end of table.

# Table 47. Volumes of First Sales of Distillate Fuel Oils (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate and Kerosene |
|---|---|---|---|---|---|---|---|
| | | | No. 2 Fuel Oil | No. 2 Diesel | Total | | |
| **Subdistrict IC Total** | | | | | | | |
| January | 69,194 | 19,277 | 247,359 | 276,719 | 524,078 | 6,033 | 618,582 |
| February | 45,818 | 13,533 | 214,921 | 297,759 | 512,680 | 3,891 | 575,922 |
| March | 25,141 | 7,892 | 222,052 | 331,562 | 553,614 | 6,916 | 593,563 |
| April | 6,616 | 2,240 | 167,692 | 278,748 | 446,440 | 4,254 | 459,550 |
| May | 3,236 | 1,796 | 162,038 | 282,925 | 444,963 | 3,201 | 453,196 |
| June | 2,290 | 1,804 | 164,425 | 293,912 | 458,337 | 3,203 | 465,634 |
| July | 5,120 | 1,944 | 153,030 | 271,531 | 424,561 | 2,927 | 434,553 |
| August | 5,704 | 1,910 | 157,361 | 301,153 | 458,514 | 3,306 | 469,434 |
| September | 15,472 | 4,391 | 153,360 | 290,875 | 444,235 | 2,874 | 466,972 |
| October | 34,777 | 9,103 | 184,993 | 315,161 | 500,154 | 3,851 | 547,885 |
| November | 32,606 | 7,579 | 200,637 | 292,128 | 492,765 | 5,030 | 537,980 |
| December | 62,058 | 11,369 | 234,464 | 310,441 | 544,905 | 7,579 | 625,911 |
| **1988 Total** | **308,032** | **82,838** | **2,262,332** | **3,542,914** | **5,805,247** | **53,065** | **6,249,182** |
| **Florida** | | | | | | | |
| January | 4,855 | W | 24,892 | 90,762 | 115,654 | W | 122,828 |
| February | 3,093 | W | 22,361 | 97,919 | 120,280 | W | 125,583 |
| March | 1,619 | 666 | 25,131 | 108,235 | 133,366 | 817 | 136,468 |
| April | 251 | 508 | 25,750 | 95,833 | 121,583 | 637 | 122,979 |
| May | 148 | 400 | 24,721 | 91,524 | 116,245 | 533 | 117,326 |
| June | 143 | W | 23,774 | 90,829 | 114,603 | W | 115,868 |
| July | 174 | 414 | 23,799 | 85,064 | 108,863 | 500 | 109,951 |
| August | 142 | 405 | 23,659 | 94,616 | 118,275 | 541 | 119,363 |
| September | 447 | 377 | 20,988 | 90,033 | 111,021 | 565 | 112,410 |
| October | 1,569 | 809 | 23,613 | 94,533 | 118,146 | 791 | 121,315 |
| November | 1,240 | 685 | 27,111 | 88,266 | 115,377 | 722 | 118,024 |
| December | 4,072 | W | 25,685 | 98,870 | 124,555 | W | 130,506 |
| **1988 Total** | **17,753** | **8,734** | **291,484** | **1,126,484** | **1,417,968** | W | **1,452,621** |
| **Georgia** | | | | | | | |
| January | 5,345 | 1,519 | 21,169 | 54,218 | 75,387 | 569 | 82,820 |
| February | 3,092 | 1,445 | 22,883 | 62,178 | 85,061 | 412 | 90,010 |
| March | 1,274 | 565 | 27,620 | 71,261 | 98,881 | 494 | 101,214 |
| April | 219 | W | 22,660 | 61,215 | 83,875 | W | 84,690 |
| May | 159 | 81 | 25,876 | 64,650 | 90,526 | 310 | 91,076 |
| June | 235 | 99 | 25,555 | 66,900 | 92,455 | 372 | 93,161 |
| July | 343 | W | 22,151 | 59,385 | 81,536 | W | 82,202 |
| August | 581 | 119 | 23,680 | 68,015 | 91,695 | 537 | 92,932 |
| September | 982 | 195 | 23,118 | 64,784 | 87,902 | 406 | 89,485 |
| October | 2,434 | 602 | 25,796 | 66,330 | 92,126 | 253 | 95,415 |
| November | 1,974 | 380 | 24,159 | 65,885 | 90,044 | 529 | 92,927 |
| December | 4,386 | 719 | 22,244 | 62,072 | 84,316 | 526 | 89,947 |
| **1988 Total** | **21,024** | **5,863** | **286,911** | **766,893** | **1,053,804** | **5,188** | **1,085,879** |
| **North Carolina** | | | | | | | |
| January | 27,577 | 6,264 | 77,201 | 45,116 | 122,317 | 1,073 | 157,231 |
| February | 18,628 | 3,678 | 66,933 | 48,798 | 115,731 | 513 | 138,550 |
| March | 10,558 | 2,308 | 64,456 | 53,445 | 117,901 | 424 | 131,191 |
| April | 2,615 | 532 | 44,482 | 39,137 | 83,619 | 277 | 87,043 |
| May | 1,151 | 556 | 43,345 | 38,510 | 81,855 | 173 | 83,735 |
| June | 813 | 623 | 47,285 | 44,383 | 91,668 | 235 | 93,339 |
| July | 2,140 | 886 | 43,412 | 40,256 | 83,668 | 183 | 86,877 |
| August | 2,076 | W | 42,868 | 46,953 | 89,821 | W | 92,835 |
| September | 6,485 | 1,972 | 42,595 | 46,655 | 89,250 | 160 | 97,867 |
| October | 15,346 | 3,259 | 51,171 | 55,637 | 106,808 | 211 | 125,624 |
| November | 13,181 | 2,347 | 56,106 | 47,858 | 103,964 | 490 | 119,982 |
| December | 24,278 | 3,100 | 69,893 | 55,682 | 125,575 | 397 | 153,350 |
| **1988 Total** | **124,848** | W | **649,747** | **562,430** | **1,212,177** | W | **1,367,624** |

See footnotes at end of table.

# Table 47. Volumes of First Sales of Distillate Fuel Oils (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate and Kerosene |
|---|---|---|---|---|---|---|---|
| | | | No. 2 Fuel Oil | No. 2 Diesel | Total | | |
| **South Carolina** | | | | | | | |
| January | 12,400 | 1,760 | 23,401 | 23,404 | 46,805 | 364 | 61,329 |
| February | 7,528 | W | 19,432 | 23,609 | 43,041 | W | 51,833 |
| March | 3,940 | W | 20,140 | 26,840 | 46,980 | W | 51,562 |
| April | W | W | 16,282 | 21,740 | 38,022 | W | 38,810 |
| May | 442 | 80 | 15,135 | 23,256 | 38,391 | 154 | 39,067 |
| June | 435 | W | 16,251 | 24,950 | 41,201 | W | 41,852 |
| July | W | W | 15,350 | 20,957 | 36,307 | W | 37,069 |
| August | W | W | 16,511 | 23,329 | 39,840 | W | 41,108 |
| September | 2,509 | 276 | 15,376 | 23,063 | 38,439 | 25 | 41,249 |
| October | 5,823 | W | 19,676 | 25,507 | 45,183 | W | 51,913 |
| November | 5,601 | 545 | 20,069 | 24,031 | 44,100 | 97 | 50,343 |
| December | 11,138 | 391 | 24,566 | 24,721 | 49,287 | 124 | 60,940 |
| **1988 Total** | **52,198** | **5,880** | **222,189** | **285,407** | **507,596** | **1,401** | **567,075** |
| **Virginia** | | | | | | | |
| January | 15,321 | 7,487 | 93,405 | 48,886 | 142,291 | 3,173 | 168,272 |
| February | 10,828 | 5,070 | 76,927 | 51,443 | 128,370 | 2,195 | 146,463 |
| March | 6,237 | 3,289 | 77,773 | 56,207 | 133,980 | 5,044 | 148,550 |
| April | 2,329 | 939 | 51,473 | 47,005 | 98,478 | 2,794 | 104,540 |
| May | 1,151 | 629 | 44,353 | 50,577 | 94,930 | 2,031 | 98,741 |
| June | 503 | 540 | 44,866 | 52,663 | 97,529 | 1,764 | 100,336 |
| July | 1,690 | 421 | 41,297 | 53,573 | 94,870 | 1,866 | 98,847 |
| August | 1,470 | 521 | 40,818 | 51,481 | 92,299 | 2,005 | 96,295 |
| September | 4,094 | 1,423 | 44,009 | 50,375 | 94,384 | 1,718 | 101,619 |
| October | 7,938 | 3,240 | 56,542 | 56,356 | 112,898 | 2,527 | 126,603 |
| November | 8,905 | 3,262 | 65,240 | 50,993 | 116,233 | 3,192 | 131,592 |
| December | 15,046 | 5,618 | 83,775 | 52,404 | 136,179 | 5,609 | 162,452 |
| **1988 Total** | **75,512** | **32,439** | **720,478** | **621,963** | **1,342,441** | **33,918** | **1,484,310** |
| **West Virginia** | | | | | | | |
| January | 3,696 | W | 7,291 | 14,333 | 21,624 | W | 26,102 |
| February | 2,649 | W | 6,385 | 13,812 | 20,197 | W | 23,483 |
| March | 1,513 | W | 6,932 | 15,574 | 22,506 | W | 24,578 |
| April | W | W | 7,045 | 13,818 | 20,863 | - | 21,488 |
| May | 185 | 50 | 8,608 | 14,408 | 23,016 | - | 23,251 |
| June | 161 | 36 | 6,694 | 14,187 | 20,881 | - | 21,078 |
| July | W | W | 7,021 | 12,296 | 19,317 | - | 19,606 |
| August | W | W | 9,825 | 16,759 | 26,584 | - | 26,901 |
| September | 955 | 148 | 7,274 | 15,965 | 23,239 | - | 24,342 |
| October | 1,667 | W | 8,195 | 16,798 | 24,993 | W | 27,015 |
| November | 1,705 | 360 | 7,952 | 15,095 | 23,047 | - | 25,112 |
| December | 3,138 | W | 8,301 | 16,692 | 24,993 | W | 28,716 |
| **1988 Total** | **16,697** | **3,669** | **91,523** | **179,737** | **271,260** | W | **291,672** |
| **PAD District II Total** | | | | | | | |
| January | 55,312 | 156,009 | 479,863 | 441,324 | 921,187 | 5,538 | 1,138,046 |
| February | 32,677 | 117,897 | 461,402 | 466,341 | 927,743 | 6,525 | 1,084,842 |
| March | 18,465 | 45,029 | 609,687 | 666,462 | 1,276,149 | 6,015 | 1,345,658 |
| April | 9,748 | 15,460 | 435,120 | 512,228 | 947,348 | 4,645 | 977,201 |
| May | W | 15,115 | 443,303 | 534,481 | 977,784 | W | 999,789 |
| June | 1,999 | W | 468,900 | 551,685 | 1,020,585 | W | 1,040,738 |
| July | 2,581 | W | 453,370 | 524,985 | 978,355 | W | 1,000,682 |
| August | 4,130 | 18,394 | 474,577 | 547,554 | 1,022,131 | 5,221 | 1,049,876 |
| September | 11,396 | 34,875 | 476,748 | 540,475 | 1,017,223 | 5,327 | 1,068,821 |
| October | 22,813 | 62,368 | 537,657 | 610,389 | 1,148,046 | 4,457 | 1,237,684 |
| November | 25,166 | 98,711 | 467,370 | 543,176 | 1,010,546 | 5,415 | 1,139,838 |
| December | 39,097 | 139,232 | 446,146 | 511,908 | 958,054 | 5,012 | 1,141,395 |
| **1988 Total** | W | **729,911** | **5,754,143** | **6,451,008** | **12,205,150** | **63,824** | **13,224,570** |

See footnotes at end of table.

## Table 47. Volumes of First Sales of Distillate Fuel Oils (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate and Kerosene |
|---|---|---|---|---|---|---|---|
| | | | No. 2 Fuel Oil | No. 2 Diesel | Total | | |
| **Illinois** | | | | | | | |
| January | 4,058 | W | 46,941 | 38,007 | 84,948 | W | 103,686 |
| February | 813 | W | 45,764 | 37,657 | 83,421 | W | 95,782 |
| March | 1,082 | W | 68,544 | 53,782 | 122,326 | W | 127,246 |
| April | 850 | 733 | 43,941 | 43,511 | 87,452 | - | 89,035 |
| May | 83 | 637 | 46,792 | 43,983 | 90,775 | - | 91,495 |
| June | 18 | 694 | 49,781 | 42,458 | 92,239 | - | 92,951 |
| July | 35 | 1,215 | 45,496 | 50,861 | 96,357 | - | 97,607 |
| August | 34 | 1,412 | 46,765 | 47,304 | 94,069 | - | 95,515 |
| September | 192 | W | 50,562 | 44,227 | 94,789 | W | 96,357 |
| October | 1,836 | W | 55,443 | 55,793 | 111,236 | W | 116,253 |
| November | 745 | W | 45,244 | 53,868 | 99,112 | W | 106,333 |
| December | 2,364 | W | 43,139 | 47,814 | 90,953 | W | 105,178 |
| **1988 Total** | **12,110** | **57,511** | **588,412** | **559,265** | **1,147,677** | W | **1,217,438** |
| **Indiana** | | | | | | | |
| January | 9,105 | W | 59,251 | 38,338 | 97,589 | W | 125,645 |
| February | 2,696 | 11,145 | 54,686 | 36,189 | 90,875 | 4,577 | 109,293 |
| March | 1,395 | W | 67,616 | 51,273 | 118,889 | W | 128,391 |
| April | 2,678 | W | 49,121 | 44,353 | 93,474 | W | 100,503 |
| May | 172 | W | 44,738 | 45,688 | 90,426 | W | 94,715 |
| June | 130 | W | 50,643 | 37,523 | 88,166 | W | 92,634 |
| July | 284 | W | 46,352 | 38,952 | 85,304 | W | 90,148 |
| August | 195 | W | 51,837 | 37,367 | 89,204 | W | 93,988 |
| September | 1,238 | W | 49,146 | 39,587 | 88,733 | W | 94,708 |
| October | 2,189 | W | 60,827 | 59,274 | 120,101 | W | 129,715 |
| November | 2,298 | W | 49,914 | 46,190 | 96,104 | W | 108,681 |
| December | 2,751 | W | 51,150 | 44,574 | 95,724 | W | 112,660 |
| **1988 Total** | **25,131** | **56,979** | **635,281** | **519,308** | **1,154,589** | W | **1,281,081** |
| **Iowa** | | | | | | | |
| January | 958 | 14,634 | 20,902 | 19,787 | 40,689 | - | 56,281 |
| February | 596 | 10,507 | 20,856 | 25,300 | 46,156 | - | 57,259 |
| March | 135 | 2,232 | 38,274 | 43,551 | 81,825 | - | 84,192 |
| April | 56 | 408 | 25,770 | 30,248 | 56,018 | - | 56,482 |
| May | 56 | 344 | 23,224 | 29,436 | 52,660 | - | 53,060 |
| June | W | W | 23,064 | 25,718 | 48,782 | - | 49,432 |
| July | 128 | 818 | 26,135 | 24,500 | 50,635 | - | 51,581 |
| August | 136 | 960 | 25,818 | 25,441 | 51,259 | - | 52,355 |
| September | 317 | 2,140 | 28,078 | 32,578 | 60,656 | - | 63,113 |
| October | 426 | 5,868 | 32,973 | 37,179 | 70,152 | - | 76,446 |
| November | 374 | 10,529 | 25,061 | 26,146 | 51,207 | - | 62,110 |
| December | 534 | 11,247 | 20,672 | 22,658 | 43,330 | - | 55,111 |
| **1988 Total** | W | W | **310,827** | **342,542** | **653,369** | - | **717,422** |
| **Kansas** | | | | | | | |
| January | 483 | 8,556 | 30,434 | 23,623 | 54,057 | - | 63,096 |
| February | 256 | 5,283 | 21,505 | 22,647 | 44,152 | - | 49,691 |
| March | 247 | 1,438 | 31,345 | 41,492 | 72,837 | - | 74,522 |
| April | 42 | 653 | 31,973 | 26,546 | 58,519 | - | 59,214 |
| May | W | W | 27,373 | 28,792 | 56,165 | - | 56,583 |
| June | 68 | 608 | 32,943 | 38,746 | 71,689 | - | 72,365 |
| July | W | W | 30,092 | 34,917 | 65,009 | - | 65,684 |
| August | W | W | 35,432 | 32,513 | 67,945 | - | 68,663 |
| September | 148 | 2,140 | 33,105 | 30,331 | 63,436 | - | 65,724 |
| October | 376 | 3,093 | 29,926 | 32,325 | 62,251 | - | 65,720 |
| November | 417 | 4,781 | 24,169 | 29,145 | 53,314 | - | 58,512 |
| December | 477 | 7,761 | 15,712 | 24,924 | 40,636 | - | 48,874 |
| **1988 Total** | **2,618** | **36,020** | **344,009** | **366,001** | **710,010** | - | **748,648** |

See footnotes at end of table.

# Table 47. Volumes of First Sales of Distillate Fuel Oils (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate and Kerosene |
|---|---|---|---|---|---|---|---|
| | | | No. 2 Fuel Oil | No. 2 Diesel | Total | | |
| **Kentucky** | | | | | | | |
| January | 7,649 | 5,121 | 21,846 | 41,286 | 63,132 | - | 75,902 |
| February | 5,613 | 3,863 | 19,812 | 44,090 | 63,902 | - | 73,378 |
| March | 2,627 | 1,732 | 23,303 | 56,707 | 80,010 | - | 84,369 |
| April | 657 | 575 | 15,673 | 44,471 | 60,144 | - | 61,376 |
| May | 336 | 467 | 21,494 | 44,733 | 66,227 | - | 67,030 |
| June | 336 | 341 | 23,454 | 42,237 | 65,691 | - | 66,368 |
| July | 328 | 359 | 18,824 | 44,526 | 63,350 | - | 64,037 |
| August | 337 | 540 | 17,942 | 48,496 | 66,438 | - | 67,315 |
| September | 1,766 | 1,016 | 20,807 | 47,683 | 68,490 | - | 71,272 |
| October | 2,711 | 2,185 | 22,086 | 48,982 | 71,068 | - | 75,964 |
| November | 3,099 | 2,160 | 20,569 | 47,265 | 67,834 | - | 73,093 |
| December | 5,024 | 3,803 | 18,375 | 45,749 | 64,124 | - | 72,951 |
| **1988 Total** | **30,483** | **22,162** | **244,185** | **556,225** | **800,410** | **-** | **853,055** |
| **Michigan** | | | | | | | |
| January | 4,191 | 17,106 | 57,330 | 21,012 | 78,342 | 128 | 99,767 |
| February | 3,411 | W | 55,551 | 22,941 | 78,492 | W | 95,733 |
| March | 1,966 | W | 58,768 | 29,181 | 87,949 | W | 99,676 |
| April | 857 | 5,570 | 47,271 | 23,380 | 70,651 | 52 | 77,130 |
| May | 419 | 4,898 | 47,994 | 27,472 | 75,466 | 81 | 80,864 |
| June | 247 | W | 48,526 | 26,201 | 74,727 | W | 80,053 |
| July | 275 | W | 45,855 | 25,416 | 71,271 | W | 75,388 |
| August | 519 | W | 51,423 | 28,122 | 79,545 | W | 84,499 |
| September | 1,039 | W | 52,727 | 26,473 | 79,200 | W | 89,224 |
| October | 1,997 | W | 59,571 | 28,259 | 87,830 | W | 98,940 |
| November | 3,383 | 9,960 | 55,794 | 27,516 | 83,310 | 219 | 96,872 |
| December | 4,751 | 13,494 | 58,267 | 26,770 | 85,037 | 58 | 103,340 |
| **1988 Total** | **23,055** | **105,430** | **639,077** | **312,743** | **951,820** | **1,181** | **1,081,486** |
| **Minnesota** | | | | | | | |
| January | 3,877 | W | 36,295 | 17,512 | 53,807 | W | 77,464 |
| February | 2,575 | W | 33,451 | 18,869 | 52,320 | W | 69,834 |
| March | 645 | W | 45,775 | 28,400 | 74,175 | W | 80,191 |
| April | W | 1,851 | 29,906 | 23,055 | 52,961 | W | 55,164 |
| May | 56 | W | 27,753 | 22,322 | 50,075 | W | 51,361 |
| June | W | 944 | 29,982 | 22,667 | 52,649 | W | 53,766 |
| July | 85 | W | 32,071 | 22,057 | 54,128 | W | 55,720 |
| August | 178 | W | 30,432 | 24,996 | 55,428 | W | 57,776 |
| September | 618 | W | 35,931 | 26,517 | 62,448 | W | 66,633 |
| October | 1,526 | W | 41,446 | 30,856 | 72,302 | W | 81,311 |
| November | W | 10,751 | 33,158 | 23,408 | 56,566 | W | 69,942 |
| December | 1,789 | W | 32,359 | 18,930 | 51,289 | W | 69,854 |
| **1988 Total** | **13,946** | **83,421** | **408,559** | **279,589** | **688,148** | **W** | **789,016** |
| **Missouri** | | | | | | | |
| January | 597 | 5,953 | 19,758 | 27,465 | 47,223 | - | 53,773 |
| February | 444 | 5,405 | 21,196 | 29,935 | 51,131 | - | 56,980 |
| March | 373 | 1,781 | 29,981 | 43,726 | 73,707 | - | 75,861 |
| April | 43 | W | 25,933 | 33,493 | 59,426 | W | 59,871 |
| May | 39 | 282 | 24,805 | 34,623 | 59,428 | - | 59,749 |
| June | 41 | 436 | 24,970 | 37,468 | 62,438 | - | 62,915 |
| July | 82 | 392 | 21,771 | 35,392 | 57,163 | - | 57,637 |
| August | 96 | 523 | 24,911 | 40,883 | 65,794 | - | 66,413 |
| September | 961 | 1,111 | 22,218 | 40,766 | 62,984 | - | 65,056 |
| October | 420 | 1,969 | 22,359 | 50,287 | 72,646 | - | 75,035 |
| November | 1,262 | 2,936 | 23,284 | 39,752 | 63,036 | - | 67,234 |
| December | 1,324 | 4,802 | 18,067 | 37,926 | 55,993 | - | 62,119 |
| **1988 Total** | **5,682** | **W** | **279,253** | **451,716** | **730,969** | **W** | **762,642** |

See footnotes at end of table.

# Table 47. Volumes of First Sales of Distillate Fuel Oils (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate and Kerosene |
|---|---|---|---|---|---|---|---|
| | | | No. 2 Fuel Oil | No. 2 Diesel | Total | | |
| **Nebraska** | | | | | | | |
| January | W | W | 5,746 | 20,938 | 26,684 | - | 34,739 |
| February | W | W | 7,998 | 23,833 | 31,831 | - | 36,700 |
| March | W | W | 23,666 | 34,412 | 58,078 | - | 59,233 |
| April | W | W | 11,330 | 25,276 | 36,606 | - | 36,771 |
| May | - | 149 | 12,621 | 26,964 | 39,585 | - | 39,734 |
| June | - | 102 | 22,219 | 37,368 | 59,587 | - | 59,689 |
| July | W | W | 21,898 | 32,996 | 54,894 | - | 55,192 |
| August | W | W | 20,149 | 30,889 | 51,038 | - | 51,630 |
| September | W | W | 16,653 | 25,605 | 42,258 | - | 44,069 |
| October | W | W | 15,520 | 30,193 | 45,713 | - | 49,335 |
| November | W | W | 9,801 | 26,634 | 36,435 | - | 42,211 |
| December | W | W | 7,845 | 23,264 | 31,109 | - | 36,477 |
| **1988 Total** | W | **31,219** | **175,446** | **338,372** | **513,818** | - | **545,780** |
| **North Dakota** | | | | | | | |
| January | W | W | 8,827 | 6,624 | 15,451 | - | 21,444 |
| February | W | W | 11,371 | 7,662 | 19,033 | - | 23,480 |
| March | W | W | 19,891 | 14,893 | 34,784 | - | 35,856 |
| April | - | 222 | 9,964 | 8,139 | 18,103 | - | 18,325 |
| May | - | 110 | 11,528 | 8,976 | 20,504 | - | 20,614 |
| June | - | 150 | 10,983 | 8,311 | 19,294 | - | 19,444 |
| July | W | W | 13,444 | 10,176 | 23,620 | - | 23,953 |
| August | - | 751 | 13,380 | 9,207 | 22,587 | - | 23,338 |
| September | W | W | 10,614 | 8,134 | 18,748 | - | 20,439 |
| October | W | W | 11,803 | 8,770 | 20,573 | - | 23,717 |
| November | 16 | 4,696 | 9,673 | 7,944 | 17,617 | - | 22,329 |
| December | W | 4,644 | 8,441 | 7,727 | 16,168 | W | 20,838 |
| **1988 Total** | **90** | **27,197** | **139,919** | **106,563** | **246,482** | W | **273,777** |
| **Ohio** | | | | | | | |
| January | 15,719 | 9,375 | 72,845 | 73,594 | 146,439 | 42 | 171,575 |
| February | 10,240 | 7,804 | 67,266 | 73,444 | 140,710 | 68 | 158,822 |
| March | 7,208 | 3,939 | 74,299 | 91,392 | 165,691 | 72 | 176,910 |
| April | 3,762 | 938 | 54,664 | 77,755 | 132,419 | 36 | 137,155 |
| May | 790 | W | 55,942 | 77,707 | 133,649 | W | 134,881 |
| June | 804 | W | 57,225 | 80,251 | 137,476 | W | 138,618 |
| July | 761 | W | 53,496 | 67,308 | 120,804 | W | 122,108 |
| August | 1,781 | W | 61,201 | 71,286 | 132,487 | W | 134,804 |
| September | 3,407 | 2,820 | 57,363 | 72,992 | 130,355 | 193 | 136,775 |
| October | 7,660 | 3,710 | 67,643 | 78,247 | 145,890 | 96 | 157,356 |
| November | 7,174 | W | 67,736 | 70,505 | 138,241 | W | 149,251 |
| December | 12,288 | 7,494 | 73,552 | 79,137 | 152,689 | 78 | 172,549 |
| **1988 Total** | **71,594** | **41,507** | **763,232** | **913,618** | **1,676,850** | **853** | **1,790,804** |
| **Oklahoma** | | | | | | | |
| January | 284 | 3,017 | 18,967 | 29,290 | 48,257 | - | 51,558 |
| February | 137 | 2,640 | 21,820 | 32,836 | 54,656 | - | 57,433 |
| March | 45 | 1,756 | 30,990 | 52,325 | 83,315 | - | 85,116 |
| April | 16 | 1,130 | 21,313 | 34,373 | 55,686 | - | 56,832 |
| May | 36 | 4,426 | 26,771 | 37,596 | 64,367 | - | 68,829 |
| June | 44 | 1,556 | 22,967 | 46,004 | 68,971 | - | 70,571 |
| July | 31 | 1,433 | 21,759 | 40,422 | 62,181 | - | 63,645 |
| August | 73 | 1,539 | 19,518 | 43,038 | 62,556 | - | 64,168 |
| September | 67 | 1,500 | 19,551 | 39,013 | 58,564 | - | 60,131 |
| October | 165 | 2,396 | 24,103 | 38,672 | 62,775 | - | 65,336 |
| November | 170 | 11,293 | 16,025 | 40,563 | 56,588 | - | 68,051 |
| December | 187 | 16,941 | 14,126 | 35,859 | 49,985 | - | 67,113 |
| **1988 Total** | **1,255** | **49,627** | **257,910** | **469,991** | **727,901** | - | **778,783** |

See footnotes at end of table.

# Table 47. Volumes of First Sales of Distillate Fuel Oils (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate and Kerosene |
|---|---|---|---|---|---|---|---|
| | | | No. 2 Fuel Oil | No. 2 Diesel | Total | | |
| **South Dakota** | | | | | | | |
| January | W | W | 6,809 | 5,628 | 12,437 | - | 19,644 |
| February | W | W | 7,953 | 6,623 | 14,576 | - | 19,473 |
| March | W | W | 14,164 | 13,272 | 27,436 | - | 28,706 |
| April | - | 265 | 6,267 | 7,867 | 14,134 | - | 14,399 |
| May | - | 188 | 7,299 | 9,779 | 17,078 | - | 17,266 |
| June | - | 261 | 8,504 | 10,338 | 18,842 | - | 19,103 |
| July | W | W | 9,893 | 10,886 | 20,779 | - | 21,457 |
| August | W | W | 9,107 | 9,952 | 19,059 | - | 19,746 |
| September | W | W | 8,386 | 9,081 | 17,467 | - | 19,177 |
| October | 92 | 3,923 | 9,258 | 10,795 | 20,053 | - | 24,068 |
| November | 127 | 6,178 | 7,304 | 8,422 | 15,726 | - | 22,031 |
| December | 71 | 5,243 | 5,452 | 6,685 | 12,137 | - | 17,451 |
| **1988 Total** | **563** | **32,234** | **100,396** | **109,328** | **209,724** | **-** | **242,521** |
| **Tennessee** | | | | | | | |
| January | 5,632 | 5,494 | 22,009 | 58,611 | 80,620 | 28 | 91,774 |
| February | 3,789 | 3,776 | 20,527 | 63,154 | 83,681 | 26 | 91,272 |
| March | 2,068 | W | 23,316 | 84,022 | 107,338 | W | 110,829 |
| April | 374 | W | 24,952 | 69,880 | 94,832 | W | 95,547 |
| May | 169 | W | 27,102 | 74,389 | 101,491 | W | 101,879 |
| June | 123 | 256 | 24,064 | 72,484 | 96,548 | 81 | 97,008 |
| July | 269 | 355 | 22,675 | 66,080 | 88,755 | 43 | 89,422 |
| August | 554 | 607 | 25,131 | 75,388 | 100,519 | 54 | 101,734 |
| September | 1,235 | 1,381 | 25,723 | 74,721 | 100,444 | 132 | 103,192 |
| October | 2,660 | W | 25,443 | 74,573 | 100,016 | W | 105,071 |
| November | 2,737 | W | 26,908 | 73,635 | 100,543 | W | 106,047 |
| December | 6,190 | W | 22,072 | 67,838 | 89,910 | W | 98,479 |
| **1988 Total** | **25,800** | **21,210** | **289,922** | **854,775** | **1,144,697** | **547** | **1,192,254** |
| **Wisconsin** | | | | | | | |
| January | W | 16,763 | 51,903 | 19,609 | 71,512 | W | 91,698 |
| February | 1,892 | W | 51,646 | 21,161 | 72,807 | W | 89,712 |
| March | 638 | W | 59,755 | 28,034 | 87,789 | W | 94,560 |
| April | 206 | W | 37,042 | 19,881 | 56,923 | W | 59,397 |
| May | 123 | W | 37,867 | 22,021 | 59,888 | W | 61,729 |
| June | 68 | W | 39,575 | 23,911 | 63,486 | W | 65,821 |
| July | 215 | W | 43,609 | 20,496 | 64,105 | W | 67,104 |
| August | 119 | W | 41,531 | 22,672 | 64,203 | W | 67,932 |
| September | 292 | W | 45,884 | 22,767 | 68,651 | W | 72,951 |
| October | 648 | W | 59,256 | 26,184 | 85,440 | W | 93,417 |
| November | 912 | W | 52,730 | 22,183 | 74,913 | W | 87,141 |
| December | 1,220 | W | 56,917 | 22,053 | 78,970 | W | 98,401 |
| **1988 Total** | W | **79,154** | **577,715** | **270,972** | **848,687** | W | **949,863** |
| **PAD District III Total** | | | | | | | |
| January | 19,799 | 4,947 | 379,326 | 549,639 | 928,965 | 6,747 | 960,458 |
| February | 14,083 | 4,914 | 400,520 | 562,434 | 962,954 | 7,426 | 989,377 |
| March | 17,193 | 2,235 | 330,371 | 616,495 | 946,866 | 11,437 | 977,731 |
| April | 14,621 | 1,664 | 275,129 | 545,485 | 820,614 | 4,921 | 841,820 |
| May | 5,039 | 1,618 | 272,928 | 577,644 | 850,572 | 8,577 | 865,806 |
| June | 12,659 | 1,279 | 210,945 | 573,392 | 784,337 | 8,803 | 807,078 |
| July | 5,348 | 1,301 | 261,910 | 565,388 | 827,298 | 11,455 | 845,402 |
| August | 6,710 | 1,460 | 287,474 | 601,730 | 889,204 | 13,300 | 910,674 |
| September | 10,097 | 1,530 | 265,021 | 548,686 | 813,707 | 5,334 | 830,668 |
| October | 16,153 | 1,988 | 279,016 | 570,705 | 849,721 | 1,427 | 869,289 |
| November | 12,067 | 2,045 | 294,886 | 564,060 | 858,946 | 1,080 | 874,138 |
| December | 19,083 | 2,996 | 330,798 | 568,578 | 899,375 | 1,255 | 922,709 |
| **1988 Total** | **152,852** | **27,977** | **3,588,323** | **6,844,236** | **10,432,559** | **81,762** | **10,695,150** |

See footnotes at end of table.

# Table 47. Volumes of First Sales of Distillate Fuel Oils (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate and Kerosene |
|---|---|---|---|---|---|---|---|
| | | | No. 2 Fuel Oil | No. 2 Diesel | Total | | |
| **Alabama** | | | | | | | |
| January | 5,748 | 1,232 | 11,024 | 41,721 | 52,745 | 59 | 59,784 |
| February | 1,731 | W | 12,106 | 47,749 | 59,855 | W | 62,474 |
| March | 5,394 | W | 20,779 | 57,280 | 78,059 | W | 83,946 |
| April | 1,132 | W | 14,446 | 43,623 | 58,069 | W | 59,420 |
| May | 59 | W | 17,230 | 50,741 | 67,971 | W | 68,173 |
| June | W | 124 | 22,650 | 52,910 | 75,560 | W | 83,199 |
| July | 63 | W | 32,442 | 45,530 | 77,972 | W | 78,182 |
| August | 96 | W | 32,371 | 57,049 | 89,420 | W | 89,767 |
| September | W | 175 | 19,917 | 49,590 | 69,507 | W | 70,032 |
| October | W | 579 | 13,618 | 47,834 | 61,452 | W | 62,689 |
| November | 3,182 | W | 16,390 | 48,163 | 64,553 | W | 68,293 |
| December | NA | 1,119 | 24,497 | 48,402 | 72,899 | 45 | 78,429 |
| **1988 Total** | **29,998** | **5,370** | **237,470** | **590,592** | **828,062** | **958** | **864,388** |
| **Arkansas** | | | | | | | |
| January | 387 | W | W | W | 32,382 | W | 33,082 |
| February | 232 | 55 | W | W | 40,769 | - | 41,056 |
| March | 152 | 16 | W | W | 57,005 | - | 57,173 |
| April | W | W | W | W | 43,332 | - | 43,416 |
| May | W | W | W | W | 46,320 | - | 46,406 |
| June | W | W | W | W | 52,499 | - | 52,686 |
| July | W | W | W | W | 42,599 | - | 42,831 |
| August | W | W | W | W | 49,295 | - | 49,475 |
| September | W | W | W | W | 42,466 | - | 42,591 |
| October | W | W | W | W | 48,332 | - | 48,553 |
| November | 286 | 55 | W | W | 41,218 | - | 41,559 |
| December | 237 | 63 | W | W | 38,738 | - | 39,038 |
| **1988 Total** | **2,366** | **435** | **63,709** | **471,246** | **534,955** | W | **537,866** |
| **Louisiana** | | | | | | | |
| January | 508 | W | 53,523 | 98,482 | 152,005 | W | 152,769 |
| February | 1,371 | W | 71,226 | 121,989 | 193,215 | W | 194,744 |
| March | 1,335 | W | 32,712 | 116,710 | 149,422 | W | 150,929 |
| April | 2,645 | W | 32,702 | 109,597 | 142,299 | W | 145,511 |
| May | 795 | W | 44,987 | 106,598 | 151,585 | W | 152,559 |
| June | 1,224 | W | 17,754 | 110,082 | 127,836 | W | 129,282 |
| July | W | 145 | 37,927 | 114,518 | 152,445 | W | 154,872 |
| August | 2,456 | W | 47,302 | 114,092 | 161,394 | W | 164,056 |
| September | 357 | W | 38,422 | 113,013 | 151,435 | W | 151,966 |
| October | 385 | W | 34,044 | 114,960 | 149,004 | W | 149,508 |
| November | 853 | W | 59,243 | 110,297 | 169,540 | W | 170,505 |
| December | 595 | W | 68,043 | 98,861 | 166,904 | W | 167,646 |
| **1988 Total** | W | **1,357** | **537,884** | **1,329,199** | **1,867,083** | **1,126** | **1,884,347** |
| **Mississippi** | | | | | | | |
| January | 6,977 | W | 25,283 | 32,362 | 57,645 | W | 71,323 |
| February | 1,597 | W | 25,948 | 33,327 | 59,275 | W | 68,381 |
| March | 3,469 | W | 38,158 | 43,803 | 81,961 | W | 96,688 |
| April | W | W | 17,620 | 33,620 | 51,240 | 4,275 | 64,047 |
| May | W | W | 25,323 | 37,854 | 63,177 | W | 74,883 |
| June | 2,183 | W | 15,756 | 42,415 | 58,171 | W | 68,938 |
| July | W | W | 24,104 | 36,207 | 60,311 | 11,363 | 73,905 |
| August | W | W | 28,886 | 35,519 | 64,405 | 13,080 | 80,807 |
| September | 5,550 | W | 36,835 | 38,099 | 74,934 | W | 85,691 |
| October | 12,457 | W | 21,229 | 45,776 | 67,005 | W | 80,755 |
| November | 4,182 | W | 26,536 | 45,533 | 72,069 | W | 77,299 |
| December | 9,542 | W | 41,741 | 39,706 | 81,447 | W | 92,260 |
| **1988 Total** | **63,127** | **800** | **327,419** | **464,221** | **791,640** | **79,410** | **934,977** |

See footnotes at end of table.

# Table 47. Volumes of First Sales of Distillate Fuel Oils (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate and Kerosene |
|---|---|---|---|---|---|---|---|
| | | | No. 2 Fuel Oil | No. 2 Diesel | Total | | |
| **New Mexico** | | | | | | | |
| January | 651 | 519 | W | W | 29,308 | - | 30,478 |
| February | 360 | 352 | W | W | 30,367 | - | 31,079 |
| March | 157 | 208 | W | W | 35,559 | - | 35,924 |
| April | 67 | 97 | W | W | 30,569 | - | 30,733 |
| May | 73 | 134 | W | W | 31,469 | - | 31,676 |
| June | 113 | 139 | W | W | 32,875 | - | 33,127 |
| July | 41 | 50 | W | W | 28,130 | - | 28,221 |
| August | 82 | 131 | W | W | 31,223 | - | 31,436 |
| September | 81 | 143 | W | W | 31,188 | - | 31,412 |
| October | 119 | 209 | W | W | 34,491 | - | 34,819 |
| November | 233 | 354 | W | W | 30,212 | - | 30,799 |
| December | 476 | 556 | W | W | 30,186 | - | 31,218 |
| **1988 Total** | **2,453** | **2,892** | W | **358,496** | **375,577** | - | **380,922** |
| **Texas** | | | | | | | |
| January | 5,528 | 2,614 | 283,104 | 321,776 | 604,880 | - | 613,022 |
| February | 8,792 | 3,378 | 281,998 | 297,475 | 579,473 | - | 591,643 |
| March | 6,686 | W | 230,767 | 314,093 | 544,860 | W | 553,071 |
| April | 2,186 | W | 204,388 | 290,717 | 495,105 | W | 498,693 |
| May | 833 | W | 177,440 | 312,610 | 490,050 | W | 492,109 |
| June | 1,559 | 891 | 146,938 | 290,458 | 437,396 | - | 439,846 |
| July | 582 | W | 162,068 | 303,773 | 465,841 | W | 467,391 |
| August | 619 | W | 172,774 | 320,693 | 493,467 | W | 495,133 |
| September | 3,774 | 1,025 | 163,731 | 280,446 | 444,177 | - | 448,976 |
| October | 2,371 | W | 203,594 | 285,843 | 489,437 | W | 492,965 |
| November | 3,331 | W | 187,289 | 294,065 | 481,354 | W | 485,683 |
| December | 3,867 | W | 190,669 | 318,533 | 509,202 | W | 514,119 |
| **1988 Total** | **40,128** | **17,123** | **2,404,760** | **3,630,482** | **6,035,242** | **158** | **6,092,651** |
| **PAD District IV Total** | | | | | | | |
| January | 295 | W | 15,450 | 75,494 | 90,944 | W | 112,873 |
| February | 160 | W | 17,678 | 81,983 | 99,661 | W | 115,167 |
| March | 63 | 8,039 | 27,982 | 123,787 | 151,769 | - | 159,871 |
| April | 17 | W | 21,847 | 95,685 | 117,532 | W | 119,913 |
| May | W | 1,303 | 25,251 | 96,957 | 122,208 | W | 123,535 |
| June | 7 | W | 26,188 | 104,414 | 130,602 | W | 132,054 |
| July | W | 1,406 | 26,676 | 104,308 | 130,984 | W | 132,463 |
| August | 34 | W | 27,492 | 115,353 | 142,845 | W | 144,631 |
| September | 91 | 4,276 | 27,559 | 111,932 | 139,491 | - | 143,858 |
| October | 103 | W | 24,735 | 102,654 | 127,389 | W | 135,354 |
| November | 441 | 14,575 | 21,770 | 93,324 | 115,094 | - | 130,110 |
| December | 688 | W | 17,521 | 86,465 | 103,986 | W | 122,741 |
| **1988 Total** | **1,929** | **97,920** | **280,149** | **1,192,356** | **1,472,505** | W | **1,572,571** |
| **Colorado** | | | | | | | |
| January | W | W | 6,405 | 16,236 | 22,641 | - | 29,376 |
| February | W | W | 8,063 | 16,443 | 24,506 | - | 29,462 |
| March | W | W | 10,713 | 26,322 | 37,035 | - | 40,005 |
| April | - | 832 | 9,208 | 21,755 | 30,963 | - | 31,795 |
| May | - | 469 | 12,574 | 20,522 | 33,096 | - | 33,565 |
| June | W | 456 | 11,342 | 26,800 | 38,142 | W | 38,610 |
| July | W | W | 12,251 | 26,046 | 38,297 | - | 38,780 |
| August | W | W | 11,777 | 30,248 | 42,025 | - | 42,657 |
| September | 39 | 1,403 | 11,588 | 24,113 | 35,701 | - | 37,143 |
| October | W | W | 10,343 | 25,593 | 35,936 | - | 39,108 |
| November | 333 | 4,561 | 9,523 | 21,078 | 30,601 | - | 35,495 |
| December | W | W | 7,315 | 17,968 | 25,283 | - | 30,961 |
| **1988 Total** | W | **31,514** | **121,102** | **273,124** | **394,226** | W | **426,958** |

See footnotes at end of table.

# Table 47. Volumes of First Sales of Distillate Fuel Oils (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate and Kerosene |
|---|---|---|---|---|---|---|---|
| | | | No. 2 Fuel Oil | No. 2 Diesel | Total | | |
| **Idaho** | | | | | | | |
| January | W | W | W | W | 13,747 | - | 15,996 |
| February | W | W | W | W | 15,756 | - | 17,179 |
| March | W | W | W | W | 25,969 | - | 26,821 |
| April | W | W | 3,615 | 14,468 | 18,083 | - | 18,406 |
| May | - | 265 | 3,111 | 13,051 | 16,162 | - | 16,427 |
| June | W | W | W | W | 15,700 | - | 16,000 |
| July | W | W | 3,052 | 13,018 | 16,070 | - | 16,404 |
| August | W | W | W | W | 19,852 | - | 20,293 |
| September | W | W | 3,897 | 16,434 | 20,331 | - | 20,880 |
| October | W | W | 3,391 | 12,682 | 16,073 | - | 16,643 |
| November | W | W | 3,011 | 12,358 | 15,369 | - | 16,864 |
| December | W | W | W | W | 14,430 | - | 16,815 |
| **1988 Total** | W | **10,760** | W | **168,019** | **207,542** | - | **218,728** |
| **Montana** | | | | | | | |
| January | - | 4,435 | W | W | 12,380 | - | 16,815 |
| February | - | 3,270 | W | W | 16,384 | - | 19,654 |
| March | - | 1,052 | W | W | 26,133 | - | 27,185 |
| April | - | 411 | W | W | 15,718 | - | 16,129 |
| May | - | 258 | W | W | 18,538 | - | 18,796 |
| June | - | W | W | W | 20,275 | W | 20,450 |
| July | - | 199 | W | W | 20,787 | - | 20,986 |
| August | - | 272 | W | W | 19,899 | - | 20,171 |
| September | - | 1,175 | W | W | 20,086 | - | 21,261 |
| October | - | 1,703 | W | W | 18,266 | - | 19,969 |
| November | - | 3,361 | W | W | 18,375 | - | 21,736 |
| December | W | W | W | W | 15,738 | - | 19,645 |
| **1988 Total** | W | **20,209** | W | **175,503** | **222,579** | W | **242,797** |
| **Utah** | | | | | | | |
| January | W | W | 3,240 | 16,797 | 20,037 | - | 22,898 |
| February | W | W | 3,261 | 17,668 | 20,929 | - | 22,982 |
| March | W | W | 4,299 | 24,483 | 28,782 | - | 29,492 |
| April | W | W | W | W | 24,537 | - | 24,750 |
| May | W | 136 | W | W | 26,156 | W | 26,316 |
| June | W | 213 | W | W | 26,519 | W | 26,767 |
| July | W | 86 | W | W | 27,350 | W | 27,486 |
| August | W | 176 | W | W | 30,163 | W | 30,370 |
| September | W | W | W | W | 31,393 | - | 31,888 |
| October | W | W | W | W | 28,078 | - | 28,707 |
| November | W | W | W | W | 25,211 | - | 26,637 |
| December | W | W | 3,317 | 20,765 | 24,082 | - | 26,592 |
| **1988 Total** | W | **11,288** | W | **264,750** | **313,237** | W | **324,885** |
| **Wyoming** | | | | | | | |
| January | W | 5,638 | 1,010 | 21,129 | 22,139 | W | 27,788 |
| February | W | 3,782 | 1,021 | 21,065 | 22,086 | W | 25,890 |
| March | W | W | 2,260 | 31,590 | 33,850 | - | 36,368 |
| April | - | W | 2,029 | 26,202 | 28,231 | W | 28,833 |
| May | - | 175 | 2,259 | 25,997 | 28,256 | - | 28,431 |
| June | - | W | 2,420 | 27,546 | 29,966 | W | 30,227 |
| July | W | 313 | 2,524 | 25,956 | 28,480 | W | 28,807 |
| August | W | 219 | 2,480 | 28,426 | 30,906 | W | 31,140 |
| September | W | W | 2,589 | 29,391 | 31,980 | - | 32,686 |
| October | W | 1,875 | 2,062 | 26,974 | 29,036 | W | 30,927 |
| November | W | W | 1,894 | 23,644 | 25,538 | - | 29,378 |
| December | W | 4,254 | 1,413 | 23,040 | 24,453 | W | 28,728 |
| **1988 Total** | W | **24,149** | **23,961** | **310,960** | **334,921** | W | **359,203** |

See footnotes at end of table.

# Table 47. Volumes of First Sales of Distillate Fuel Oils (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate and Kerosene |
|---|---|---|---|---|---|---|---|
| | | | No. 2 Fuel Oil | No. 2 Diesel | Total | | |
| **PAD District V Total** | | | | | | | |
| January | 3,471 | W | 33,617 | 480,133 | 513,750 | W | 538,006 |
| February | 2,317 | W | 34,533 | 483,216 | 517,749 | W | 537,141 |
| March | 2,247 | 8,702 | 32,751 | 515,003 | 547,754 | 10,645 | 569,348 |
| April | 1,441 | W | 25,904 | 449,546 | 475,450 | W | 491,033 |
| May | 923 | 4,179 | 27,268 | 487,582 | 514,850 | 10,510 | 530,462 |
| June | 1,352 | 4,507 | 25,398 | 485,871 | 511,269 | 5,426 | 522,554 |
| July | W | W | 27,793 | 514,369 | 542,162 | 6,791 | 556,435 |
| August | 1,538 | W | 27,843 | 546,623 | 574,466 | W | 584,146 |
| September | 1,443 | 10,820 | 27,164 | 474,866 | 502,030 | 13,052 | 527,345 |
| October | 2,649 | W | 29,901 | 505,047 | 534,948 | W | 567,127 |
| November | 2,255 | 12,139 | 30,942 | 477,799 | 508,741 | 5,465 | 528,600 |
| December | 3,062 | W | 41,388 | 469,613 | 511,001 | W | 541,006 |
| **1988 Total** | W | **105,533** | **364,502** | **5,889,668** | **6,254,170** | **108,594** | **6,493,203** |
| **Alaska** | | | | | | | |
| January | W | 4,674 | 4,202 | 15,503 | 19,705 | W | 27,661 |
| February | W | 4,285 | 4,950 | 27,227 | 32,177 | W | 39,237 |
| March | W | 3,877 | 4,179 | 12,169 | 16,348 | W | 27,949 |
| April | W | 2,606 | 4,020 | 16,598 | 20,618 | W | 24,888 |
| May | W | 1,335 | 9,087 | 17,353 | 26,440 | W | 33,162 |
| June | W | 2,097 | 6,776 | 17,902 | 24,678 | W | 28,224 |
| July | W | 2,661 | 7,003 | 15,616 | 22,619 | W | 31,254 |
| August | W | 1,919 | 7,026 | 14,365 | 21,391 | W | 24,986 |
| September | W | 7,199 | 7,672 | 16,234 | 23,906 | W | 40,419 |
| October | W | 4,408 | 5,597 | 14,616 | 20,213 | W | 28,149 |
| November | W | 4,919 | 5,525 | 10,197 | 15,722 | W | 24,336 |
| December | W | 5,478 | 12,833 | 13,729 | 26,562 | W | 38,480 |
| **1988 Total** | W | **45,458** | **78,870** | **191,509** | **270,379** | W | **368,745** |
| **Arizona** | | | | | | | |
| January | W | W | 45 | 32,591 | 32,636 | - | 33,392 |
| February | W | W | 44 | 34,565 | 34,609 | - | 35,412 |
| March | W | W | W | W | 35,124 | - | 35,826 |
| April | W | W | W | W | 28,629 | - | 28,916 |
| May | W | W | W | W | 32,676 | - | 32,837 |
| June | - | W | W | 32,108 | W | - | 32,250 |
| July | - | W | W | 28,851 | W | - | 29,194 |
| August | - | W | W | 32,212 | W | - | 32,372 |
| September | W | W | 39 | 30,459 | 30,498 | - | 30,689 |
| October | W | W | W | W | 30,807 | - | 31,023 |
| November | W | W | W | W | 32,505 | - | 32,997 |
| December | W | W | W | W | 30,889 | - | 31,418 |
| **1988 Total** | W | W | **297** | **381,295** | **381,592** | - | **386,326** |
| **California** | | | | | | | |
| January | W | 2,237 | 3,051 | 297,236 | 300,287 | W | 307,230 |
| February | W | 1,702 | 6,291 | 274,259 | 280,550 | W | 286,052 |
| March | W | 1,690 | 1,090 | 291,457 | 292,547 | W | 298,241 |
| April | W | 1,109 | 1,121 | 265,377 | 266,498 | W | 274,764 |
| May | W | 1,281 | 2,185 | 292,903 | 295,088 | W | 301,875 |
| June | W | 1,054 | 2,566 | 289,066 | 291,632 | W | 297,489 |
| July | W | 1,196 | 5,568 | 292,813 | 298,381 | W | 302,114 |
| August | W | 1,132 | 3,859 | 334,838 | 338,697 | W | 342,516 |
| September | W | 1,110 | 2,670 | 291,210 | 293,880 | W | 299,466 |
| October | W | 1,114 | 3,614 | 292,502 | 296,116 | W | 316,370 |
| November | W | 1,202 | 4,039 | 290,947 | 294,986 | W | 299,054 |
| December | W | 1,411 | 3,778 | 265,977 | 269,755 | W | 277,785 |
| **1988 Total** | **883** | **16,238** | **39,832** | **3,478,585** | **3,518,417** | **67,418** | **3,602,956** |

See footnotes at end of table.

# Table 47. Volumes of First Sales of Distillate Fuel Oils (Continued)
(Thousand Gallons)

| Geographic Area Month | Kerosene | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate and Kerosene |
|---|---|---|---|---|---|---|---|
| | | | No. 2 Fuel Oil | No. 2 Diesel | Total | | |
| **Hawaii** | | | | | | | |
| January | - | 135 | W | W | 11,801 | - | 11,936 |
| February | - | 134 | W | W | 12,184 | - | 12,318 |
| March | - | 119 | W | W | 12,189 | - | 12,308 |
| April | - | 121 | W | W | 10,690 | - | 10,811 |
| May | - | 124 | W | W | 11,871 | - | 11,995 |
| June | - | W | W | 10,810 | W | - | 11,147 |
| July | - | 131 | W | W | 11,545 | - | 11,676 |
| August | - | 140 | W | W | 12,844 | - | 12,984 |
| September | - | 122 | W | W | 13,391 | - | 13,513 |
| October | - | 104 | W | W | 11,377 | - | 11,481 |
| November | - | 121 | W | W | 11,666 | - | 11,787 |
| December | - | 99 | W | W | 10,638 | - | 10,737 |
| **1988 Total** | - | W | W | **137,477** | W | - | **142,693** |
| **Nevada** | | | | | | | |
| January | W | W | W | W | 20,666 | - | 21,379 |
| February | W | W | W | W | 20,739 | - | 21,256 |
| March | W | W | 431 | 22,639 | 23,070 | - | 23,367 |
| April | W | W | 331 | 21,498 | 21,829 | - | 22,078 |
| May | W | W | 230 | 22,240 | 22,470 | - | 22,595 |
| June | - | 133 | 96 | 21,814 | 21,910 | - | 22,043 |
| July | W | W | 58 | 24,103 | 24,161 | - | 24,291 |
| August | W | W | 255 | 26,592 | 26,847 | - | 26,984 |
| September | W | W | W | W | 19,952 | - | 20,135 |
| October | W | W | 264 | 26,244 | 26,508 | - | 26,688 |
| November | W | W | 377 | 22,407 | 22,784 | - | 23,494 |
| December | W | W | 638 | 20,897 | 21,535 | - | 22,588 |
| **1988 Total** | W | **4,234** | **4,295** | **268,176** | **272,471** | - | **276,898** |
| **Oregon** | | | | | | | |
| January | 852 | 1,918 | 7,508 | 48,313 | 55,821 | - | 58,591 |
| February | 154 | 1,518 | 6,531 | 47,428 | 53,959 | - | 55,631 |
| March | 162 | 902 | 8,865 | 56,976 | 65,841 | - | 66,905 |
| April | 122 | 629 | 6,099 | 44,996 | 51,095 | - | 51,846 |
| May | W | W | 4,256 | 42,379 | 46,635 | - | 47,083 |
| June | 49 | 320 | 4,648 | 50,160 | 54,808 | - | 55,177 |
| July | W | 260 | 4,680 | W | W | - | 58,545 |
| August | 64 | 524 | 6,554 | 55,251 | 61,805 | - | 62,393 |
| September | 101 | 784 | 5,313 | 44,279 | 49,592 | - | 50,477 |
| October | 79 | 1,069 | 6,373 | 54,218 | 60,591 | - | 61,739 |
| November | 152 | 2,241 | 6,187 | 54,509 | 60,696 | - | 63,089 |
| December | 182 | 3,129 | 7,147 | 53,657 | 60,804 | - | 64,115 |
| **1988 Total** | **2,019** | W | **74,161** | W | W | - | **695,591** |
| **Washington** | | | | | | | |
| January | 1,093 | W | 17,631 | 55,203 | 72,834 | W | 77,817 |
| February | 338 | W | 15,356 | 68,175 | 83,531 | W | 87,235 |
| March | 247 | W | 17,352 | 85,283 | 102,635 | W | 104,752 |
| April | 194 | W | 14,119 | 61,972 | 76,091 | W | 77,730 |
| May | 123 | W | 11,293 | 68,377 | 79,670 | W | 80,915 |
| June | 85 | W | 11,105 | 64,011 | 75,116 | W | 76,224 |
| July | 69 | W | 10,283 | 88,065 | 98,348 | W | 99,361 |
| August | 190 | 743 | 9,968 | W | W | W | 81,911 |
| September | 171 | W | 11,141 | 59,670 | 70,811 | W | 72,646 |
| October | 214 | W | 13,870 | 75,466 | 89,336 | W | 91,677 |
| November | 285 | W | 14,624 | 55,758 | 70,382 | W | 73,843 |
| December | 390 | W | 16,586 | 74,232 | 90,818 | W | 95,883 |
| **1988 Total** | **3,399** | **21,140** | **163,328** | W | W | W | **1,019,994** |

Dashes (-) = No data reported.
NA = Not Available.
W = Withheld to avoid disclosure of individual company data.
Note: Totals may not equal the sum of components due to rounding.
Note: Total Distillate = No. 1 Distillate + No. 2 Distillate + No. 4 Fuel Oil.
Source: Energy Information Administration Form EIA-782C, "Monthly Report of Petroleum Products Sold into States for Consumption."

# Standard Errors and Survey Response Percentages

# Table 48. Lowest and Highest Monthly Standard Errors of Sales Prices[a] of Motor Gasoline, No. 2 Distillate, and Residual Fuel Oil, 1988

(Cents Per Gallon, Excluding Taxes)

| Geographic Area | Total Motor Gasoline | | | | No. 2 Distillate | | | | | | Residual Fuel Oil | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | End Users | | Resale | | Residential Consumers[b] | | Average End Users | | Resale | | End Users | | Resale | |
| | Low | High | Low | High | Low | High | Low | High | Low | High | Low | High | Low | High |
| **U.S. Average** | **0.2** | **0.3** | **0.1** | **0.1** | **0.5** | **1.2** | **0.3** | **0.8** | **0.1** | **0.1** | **0.1** | **0.3** | **0.2** | **1.5** |
| **PAD District I Average** | **.3** | **.5** | **.1** | **.3** | **.5** | **1.5** | **.5** | **1.1** | **.1** | **.2** | **.1** | **.4** | **.1** | **2.3** |
| **Subdistrict IA Average** | **.4** | **1.7** | **.2** | **.9** | **.6** | **1.9** | **.6** | **1.8** | **.1** | **.3** | **.1** | **.2** | **.0** | **.3** |
| Connecticut | 1.1 | 2.7 | .1 | .4 | .7 | 1.3 | .9 | 3.1 | .2 | 1.1 | .1 | .1 | .0 | 1.0 |
| Maine | .2 | 1.1 | .2 | 1.1 | .5 | 1.8 | .7 | 1.7 | .2 | .5 | .1 | .9 | .0 | .7 |
| Massachusetts | .4 | 1.8 | .2 | .8 | 1.2 | 5.1 | 1.2 | 4.6 | .1 | .3 | .1 | .3 | .0 | .3 |
| New Hampshire | .2 | 7.2 | .1 | .6 | .6 | 3.2 | .6 | 1.9 | .1 | .5 | .0 | .4 | .0 | .4 |
| Rhode Island | .2 | 1.5 | .6 | 6.2 | 1.0 | 3.7 | 1.2 | 2.2 | .1 | .4 | .0 | 1.0 | .0 | .6 |
| Vermont | .3 | 1.1 | .3 | .5 | .4 | 1.0 | .7 | 1.1 | .2 | .6 | NA | NA | NA | NA |
| **Subdistrict IB Average** | **.4** | **.7** | **.1** | **.6** | **.6** | **2.2** | **.7** | **1.7** | **.1** | **.3** | **.1** | **.7** | **.1** | **3.2** |
| Delaware | .3 | 1.4 | .1 | .4 | .6 | 1.7 | .6 | 2.4 | .1 | .2 | .1 | 1.4 | .0 | 1.8 |
| District of Columbia | .1 | 1.4 | .1 | .5 | .2 | .8 | .6 | 1.9 | .0 | .2 | NA | NA | NA | NA |
| Maryland | .4 | 8.1 | .2 | 3.3 | .6 | 3.1 | 1.1 | 3.7 | .1 | 2.3 | .1 | .5 | .0 | .2 |
| New Jersey | .3 | 1.5 | .1 | 1.8 | 1.1 | 2.5 | .8 | 1.7 | .1 | .3 | .1 | 2.0 | .1 | .8 |
| New York | .3 | 1.0 | .3 | .5 | .8 | 1.7 | 1.2 | 2.4 | .1 | .9 | .1 | .4 | .1 | 5.3 |
| Pennsylvania | .2 | .6 | .2 | .6 | .8 | 3.4 | .7 | 1.8 | .1 | .3 | .1 | 1.9 | .1 | .9 |
| **Subdistrict IC Average** | **.3** | **.9** | **.1** | **.5** | **.7** | **1.5** | **.4** | **.7** | **.1** | **.5** | **.1** | **.2** | **.1** | **1.4** |
| Florida | .2 | 1.2 | .1 | 1.1 | NA | NA | NA | NA | NA | NA | .0 | .1 | .1 | 1.0 |
| Georgia | .3 | 3.0 | .2 | .6 | NA | NA | NA | NA | NA | NA | .1 | 1.0 | .0 | .0 |
| North Carolina | .4 | 1.5 | .3 | .6 | NA | NA | NA | NA | NA | NA | .0 | .1 | .0 | .3 |
| South Carolina | .5 | 1.1 | .6 | 1.2 | NA | NA | NA | NA | NA | NA | .0 | .3 | NA | NA |
| Virginia | .5 | 1.2 | .2 | .4 | .9 | 2.4 | .8 | 1.6 | .1 | .6 | .1 | .5 | .1 | .5 |
| West Virginia | .2 | .5 | .3 | .8 | 1.9 | 3.1 | .4 | 1.4 | .5 | 2.0 | NA | NA | NA | NA |
| **PAD District II Average** | **.1** | **.4** | **.1** | **.2** | **.5** | **1.5** | **.5** | **.7** | **.1** | **.3** | **1.0** | **2.5** | **.1** | **3.8** |
| Illinois | .3 | .7 | .1 | .5 | .6 | 9.6 | .6 | 2.9 | .1 | .4 | .0 | 3.0 | .0 | 1.8 |
| Indiana | .2 | 1.1 | .1 | .4 | .9 | 1.5 | .5 | .9 | .2 | .8 | .1 | 2.0 | .1 | 3.6 |
| Iowa | .4 | 1.1 | .2 | .3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Kansas | .5 | 1.5 | .1 | .7 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Kentucky | .2 | .7 | .3 | .7 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Michigan | .3 | 2.6 | .1 | 1.7 | 1.2 | 3.5 | 1.0 | 2.0 | .1 | .8 | 1.2 | 3.3 | .2 | 1.2 |
| Minnesota | .3 | .9 | .2 | .6 | 1.0 | 2.3 | .9 | 1.8 | .1 | .8 | .1 | 7.4 | .1 | .3 |
| Missouri | .3 | 1.1 | .2 | .8 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Nebraska | .3 | 1.0 | .1 | .6 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| North Dakota | .8 | 2.9 | .1 | .6 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Ohio | .1 | 1.1 | .3 | .6 | .8 | 1.9 | .5 | 1.0 | .1 | .6 | .1 | .8 | .0 | .4 |
| Oklahoma | .2 | 1.0 | .2 | .8 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| South Dakota | 1.1 | 1.5 | .1 | .3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Tennessee | .3 | .8 | .2 | .9 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Wisconsin | .4 | 2.7 | .1 | .4 | .8 | 1.9 | .7 | 1.2 | .1 | .4 | NA | NA | NA | NA |
| **PAD District III Average** | **.2** | **.8** | **.2** | **.3** | **.9** | **7.7** | **.3** | **.9** | **.1** | **.2** | **.1** | **.6** | **.1** | **.2** |
| Alabama | .4 | 1.3 | .4 | 1.2 | NA | NA | NA | NA | NA | NA | .0 | .3 | .0 | .2 |
| Arkansas | .5 | 1.2 | .2 | .6 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Louisiana | .3 | 2.1 | .6 | 1.5 | NA | NA | NA | NA | NA | NA | .1 | .9 | .1 | .4 |
| Mississippi | .7 | 1.4 | .5 | .9 | NA | NA | NA | NA | NA | NA | .0 | .0 | .0 | .0 |
| New Mexico | .5 | 2.0 | .3 | 1.3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Texas | .1 | 1.2 | .1 | .5 | NA | NA | NA | NA | NA | NA | .1 | .1 | .1 | .3 |
| **PAD District IV Average** | **.2** | **.5** | **.1** | **.4** | **.6** | **4.1** | **.4** | **1.0** | **.1** | **.2** | **.0** | **.2** | **.0** | **.1** |
| Colorado | .4 | .7 | .2 | .7 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Idaho | .2 | 1.2 | .1 | .6 | .5 | 1.8 | .4 | 1.1 | .3 | .7 | NA | NA | NA | NA |
| Montana | .6 | 1.6 | .2 | .9 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Utah | .2 | 1.4 | .1 | 1.2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Wyoming | .4 | 1.4 | .1 | .7 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **PAD District V Average** | **.3** | **1.1** | **.1** | **.6** | **1.3** | **3.0** | **.4** | **1.8** | **.1** | **.3** | **.1** | **.5** | **.1** | **.2** |
| Alaska | 3.2 | 8.5 | .2 | 3.4 | .7 | 3.9 | 1.0 | 7.4 | .1 | .6 | NA | NA | NA | NA |
| Arizona | .5 | 1.3 | .1 | .2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| California | .3 | 1.7 | .1 | .9 | NA | NA | NA | NA | NA | NA | .0 | 1.2 | .1 | .3 |
| Hawaii | .2 | 1.0 | .1 | .1 | NA | NA | NA | NA | NA | NA | .0 | .1 | NA | NA |
| Nevada | .2 | .7 | .2 | 1.8 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Oregon | .5 | 1.1 | .1 | .3 | 1.8 | 4.4 | .9 | 1.7 | .2 | 1.6 | .1 | 4.3 | .1 | 2.3 |
| Washington | .3 | 1.0 | .1 | .3 | 1.6 | 2.9 | .3 | 1.7 | .1 | .8 | .0 | .2 | .0 | .1 |

[a] Sales prices shown in Tables 19, 22, and 25.
[b] No. 2 fuel oil only.
NA = Not Available.
Note: Standard errors are not additive. Standard errors that are less than 0.1 and greater than zero are displayed as 0.1.
Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

# Table 49. Response Rate by Type of Entity, 1988
(Percent)

| Geographic Area | Refiners and Gas Plant Operators | | Resellers and Retailers | | Suppliers | |
|---|---|---|---|---|---|---|
| | Low | High | Low | High | Low | High |
| **U.S. Average** | **97.5** | **99.0** | **92.2** | **98.8** | **99.0** | **99.9** |
| **PAD District I Average** | **95.5** | **98.6** | **94.3** | **99.3** | **98.7** | **99.8** |
| **Subdistrict IA Average** | **94.8** | **100.0** | **92.8** | **98.3** | **98.8** | **100.0** |
| Connecticut | 96.1 | 100.0 | 89.3 | 100.0 | 97.4 | 100.0 |
| Maine | 90.5 | 100.0 | 95.8 | 100.0 | 96.5 | 100.0 |
| Massachusetts | 89.3 | 100.0 | 88.4 | 100.0 | 97.0 | 100.0 |
| New Hampshire | 95.2 | 100.0 | 93.0 | 98.3 | 100.0 | 100.0 |
| Rhode Island | 94.4 | 100.0 | 91.8 | 100.0 | 100.0 | 100.0 |
| Vermont | 95.0 | 100.0 | 93.2 | 100.0 | 96.1 | 100.0 |
| **Subdistrict IB Average** | **93.0** | **98.3** | **94.1** | **99.7** | **97.9** | **100.0** |
| Delaware | 88.2 | 100.0 | 93.3 | 100.0 | 100.0 | 100.0 |
| District of Columbia | 100.0 | 100.0 | 91.3 | 100.0 | 100.0 | 100.0 |
| Maryland | 92.8 | 100.0 | 93.5 | 100.0 | 97.2 | 100.0 |
| New Jersey | 92.1 | 97.4 | 93.2 | 100.0 | 94.0 | 100.0 |
| New York | 89.2 | 97.4 | 93.3 | 100.0 | 98.2 | 100.0 |
| Pennsylvania | 92.3 | 100.0 | 93.2 | 100.0 | 95.9 | 100.0 |
| **Subdistrict IC Average** | **96.2** | **98.6** | **94.0** | **99.7** | **98.1** | **100.0** |
| Florida | 92.5 | 100.0 | 89.4 | 100.0 | 95.9 | 100.0 |
| Georgia | 94.7 | 100.0 | 90.3 | 98.2 | 95.5 | 100.0 |
| North Carolina | 100.0 | 100.0 | 94.3 | 100.0 | 97.8 | 100.0 |
| South Carolina | 96.8 | 100.0 | 89.6 | 100.0 | 97.3 | 100.0 |
| Virginia | 91.7 | 100.0 | 90.7 | 100.0 | 97.9 | 100.0 |
| West Virginia | 86.2 | 100.0 | 93.4 | 100.0 | 97.1 | 100.0 |
| **PAD District II Average** | **98.3** | **99.8** | **91.8** | **99.1** | **98.7** | **100.0** |
| Illinois | 94.4 | 100.0 | 92.2 | 100.0 | 97.7 | 100.0 |
| Indiana | 94.4 | 100.0 | 90.6 | 100.0 | 97.7 | 100.0 |
| Iowa | 97.0 | 100.0 | 91.7 | 100.0 | 97.7 | 100.0 |
| Kansas | 95.9 | 100.0 | 91.7 | 100.0 | 98.0 | 100.0 |
| Kentucky | 97.1 | 100.0 | 88.9 | 100.0 | 97.6 | 100.0 |
| Michigan | 93.1 | 100.0 | 92.2 | 98.8 | 94.1 | 100.0 |
| Minnesota | 96.8 | 100.0 | 90.5 | 98.6 | 100.0 | 100.0 |
| Missouri | 97.6 | 100.0 | 90.1 | 100.0 | 98.0 | 100.0 |
| Nebraska | 96.9 | 100.0 | 90.6 | 100.0 | 97.3 | 100.0 |
| North Dakota | 96.9 | 100.0 | 91.3 | 100.0 | 97.0 | 100.0 |
| Ohio | 94.4 | 100.0 | 89.3 | 100.0 | 97.7 | 100.0 |
| Oklahoma | 95.3 | 100.0 | 86.8 | 100.0 | 95.7 | 100.0 |
| South Dakota | 96.8 | 100.0 | 87.3 | 100.0 | 100.0 | 100.0 |
| Tennessee | 95.0 | 100.0 | 92.6 | 100.0 | 98.0 | 100.0 |
| Wisconsin | 96.3 | 100.0 | 92.1 | 97.3 | 100.0 | 100.0 |
| **PAD District III Average** | **98.0** | **99.6** | **89.5** | **98.9** | **98.8** | **100.0** |
| Alabama | 95.0 | 100.0 | 84.2 | 100.0 | 97.8 | 100.0 |
| Arkansas | 94.7 | 100.0 | 86.9 | 100.0 | 97.8 | 100.0 |
| Louisiana | 98.2 | 100.0 | 88.4 | 98.5 | 97.0 | 100.0 |
| Mississippi | 95.3 | 100.0 | 92.1 | 100.0 | 96.0 | 100.0 |
| New Mexico | 94.1 | 100.0 | 87.2 | 100.0 | 97.3 | 100.0 |
| Texas | 97.5 | 100.0 | 89.1 | 99.0 | 98.9 | 100.0 |
| **PAD District IV Average** | **97.1** | **100.0** | **88.1** | **99.6** | **98.6** | **100.0** |
| Colorado | 94.9 | 100.0 | 85.4 | 100.0 | 95.3 | 100.0 |
| Idaho | 94.4 | 100.0 | 88.2 | 100.0 | 95.2 | 100.0 |
| Montana | 91.3 | 100.0 | 86.7 | 100.0 | 95.8 | 100.0 |
| Utah | 92.6 | 100.0 | 88.6 | 100.0 | 100.0 | 100.0 |
| Wyoming | 97.2 | 100.0 | 89.8 | 97.8 | 100.0 | 100.0 |
| **PAD District V Average** | **94.7** | **99.4** | **89.6** | **98.1** | **99.5** | **100.0** |
| Alaska | 87.5 | 100.0 | 80.0 | 92.3 | 92.3 | 100.0 |
| Arizona | 96.0 | 100.0 | 88.6 | 100.0 | 96.7 | 100.0 |
| California | 94.0 | 100.0 | 88.7 | 100.0 | 100.0 | 100.0 |
| Hawaii | 90.0 | 100.0 | 92.8 | 100.0 | 100.0 | 100.0 |
| Nevada | 91.3 | 100.0 | 86.5 | 100.0 | 96.0 | 100.0 |
| Oregon | 90.5 | 100.0 | 87.7 | 96.9 | 100.0 | 100.0 |
| Washington | 85.7 | 100.0 | 91.0 | 100.0 | 96.8 | 100.0 |

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report," and EIA-782C, "Monthly Report of Petroleum Products Sold into States for Consumption."

# Glossary

# Glossary

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

$$\text{Deg API} = \frac{141.5}{\text{sp gr60degF/60degF}} - 131.5$$

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.

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

**Barrel:** One barrel of crude oil contains 42 gallons.

**CIF:** Cost, insurance, and freight. A transaction for which the seller assumes the costs and risks of bringing the product to the point of destination (generally the port of landing). Thus, a CIF price is a delivered price.

**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.

**Company Outlet:** Any retail outlet (e.g., service station) selling gasoline or diesel fuel that is under the direct control of the company filing this report 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 company.

**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 his own account in accordance with accounting procedures generally accepted and consistently and historically applied by the refiner concerned, or (2) in the case of a processing agreement, delivered to another refinery for processing for the respondent's own account.

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

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

1. **No. 1 Distillate:** A petroleum distillate which meets the specifications for No. 1 heating or fuel

oil as defined in ASTM D 396 and/or the specifications for No. 1 diesel fuel as defined in ASTM Specification D 975.

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

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

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

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

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

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

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

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

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

**Gas Plant Operator:** Any firm, including a gas plant owner, which operates a gas plant and keeps the gas plant records. A gas plant is a facility in which natural gas liquids are separated from natural gas, or in which natural gas liquids are fractionated or otherwise separated into natural gas liquid products or both. For the purposes of this publication, gas plant operator data are contained in the refiner categories.

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

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

**Kerosene:** A petroleum distillate that boils at a temperature between 300 degrees and 550 degrees Fahrenheit, that has a flash point higher than 100 degrees Fahrenheit by ASTM Method D 56, that has a gravity range from 40 degrees-46 degrees API, and that has a burning point in the range of 150 degrees-175 degrees Fahrenheit. Included are the two classifications recognized by ASTM Specification D 3699: No. 1-K and No. 2-K, and all grades of kerosene called range or stove oil which have properties similar to No. 1 fuel oil, but with a gravity of about 43 degrees API and a maximum endpoint of 625 degrees Fahrenheit. Kerosene is used in space heaters, cook stoves, and water heaters and is suitable for use as an illuminant when burned in wick lamps.

**Kerosene-Type Jet Fuel:** A quality kerosene product with an average gravity of 40.7 degrees API, and a 10-percent distillation temperature of 400 degrees Fahrenheit. It is covered by ASTM Specification D 1655 and Military Specification MIL-T-5624L (Grades JP-5 and JP-8). A relatively low freezing point distillate of the kerosene type, it is used primarily for commercial turbojet and turboprop aircraft engines.

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

**Major Refiners:** Refiners with a total refinery capacity in the United States and its possessions of greater than or equal to 275,000 barrels per day as of January 1, 1982. See Tables 5 and 6 of the *Petroleum Supply Annual,* 1981 (pages 107-137) for a listing of refiners and their capacities. The following companies comprise the major refiners for this survey:

> Amerada Hess; Amoco Oil Company; Ashland Oil, Inc.; Atlantic Richfield Company; Chevron; Conoco, Inc.; Exxon; Marathon Oil Company; Mobil Oil Corporation; Phillips Petroleum Company; Shell Oil Company; Southland Corporation; Standard Oil Company of Ohio; Sun Company, Inc.; Texaco, Inc.; Unocal (formerly Union Oil Company of California); and Union Pacific Petroleum Company.

Prior to being acquired by other major refiners, Getty Oil Company and the Gulf Oil Corporation were also included as major refiners. The Southland Corporation is considered a major refiner as a result of its acquisition of Citgo Petroleum, formerly part of the Cities Service Company, and Occidental Petroleum.

**Motor Gasoline (Finished):** A complex mixture of relatively volatile hydrocarbons, with or without small quantities of additives, that have blended to form a fuel suitable for use in spark-ignition engines. Specifications for motor gasoline, as given in ASTM Specification D 439 or Federal Specification VV-G-1690B, include a boiling range of 122 to 158 degrees Fahrenheit at the 10-percent point to 365 to 374 degrees Fahrenheit at the 90-percent point and a Reid vapor pressure range from 9 to 15 psi. "Motor gasoline" includes finished leaded gasoline, finished unleaded gasoline, and gasohol. Blendstock is excluded until blending has been completed. (Alcohol that is to be used in the blending of gasohol is also excluded.)

1. **Regular Gasoline:** As defined in ASTM D 439 and Environmental Protection Agency (EPA) Specifications, gasoline anti-knock designation equal to or less than 3. Includes both leaded regular gasoline and unleaded regular gasoline. Excludes any blendstock until blending has been completed and the blendstock is incorporated in the finished leaded gasoline and no longer separately identified.

   a. **Leaded Regular Gasoline:** As defined in ASTM D 439 and EPA Specifications, gasoline anti-knock designation 3 produced with the use of any lead additives or which contain more than 0.05 grams of lead per gallon or more than 0.005 grams of phosphorus.

   b. **Unleaded Regular Gasoline:** As defined in ASTM D 439 and EPA Specifications, gasoline anti-knock designation 2 containing not more than 0.05 grams of lead per gallon, and not more than 0.005 grams of phosphorus.

2. **Premium Gasoline:** As defined in ASTM D 439 and EPA Specifications, gasoline anti-knock designation equal to or greater than 4. Includes both leaded premium gasoline as well as unleaded premium gasoline.

   a. **Leaded Premium Gasoline:** As defined in ASTM D 439 and EPA Specifications, gasoline anti-knock designation 5 produced with the use of any lead additives or which contains more than 0.05 grams of lead per gallon or more than 0.005 grams of phosphorus.

   b. **Unleaded Premium Gasoline:** As defined in ASTM D 439 and EPA Specifications, gasoline anti-knock designation 4 containing not more than 0.05 grams of lead per gallon, and not more than 0.005 grams of phosphorus.

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

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

**OPEC:** The acronym for the 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, Ecuador, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela.

**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, indus-

trial sales, and sales through company outlets. Included in the "other end users" category are sales to utilities and agriculture.

**Other Refiners:** Refiners with a total refinery capacity in the United States and its possessions of less than 275,000 barrels per day as of January 1, 1982. See Tables 5 and 6 of the *Petroleum Supply Annual,* 1981 (pages 107-137) for a listing of refiners and their capacities.

**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, South Dakota, Ohio, Oklahoma, 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.

**Propane, Consumer Grade:** A normally gaseous paraffinic compound (C3H8), which includes all products covered by Natural Gas Policy Act (NGPA) Specifications for commercial use and HD-5 propane and ASTM Specification D 1835. Excludes feedstock propanes, which are propanes not classifed as consumer grade propanes, including the propane portion of any natural gas liquids (NGL) mixes; i.e., butane-propane mix.

**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.

**Reseller:** A firm (other than a refiner) that carries on the trade or business of purchasing refined petroleum products and reselling them without substantially changing their form 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 without substantially changing their form to purchasers who may be either ultimate or other than ultimate consumers.

**Residential:** In cases of sales of No. 2 fuel oil, includes individual customers or households (as opposed to businesses or institutions) that ostensibly use the fuel in a residence. Sales to apartment buildings/complexes or to other multifamily dwellings are excluded from the residential category and are included in the commercial/institutional category.

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

**Retailer:** A firm (other than a refiner, reseller, or reseller/retailer) that carries on the trade or business of purchasing refined petroleum products and reselling them to ultimate consumers without substantially changing their form.

**Sale:** The transfer of title from the seller to a buyer for a price. Excludes intrafirm transfers, products consumed directly by the reporting firm, or sales of bonded fuel. Also excludes products delivered/loaned to exchange partners, except where the amount given up exceeds the amount received and the differential is invoiced as a sale during the reference month.

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

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

**Seller Type:** Categories of major refiners and other refiners and gas plant operators.

**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.

# Explanatory Notes

# Explanatory Notes

## The EIA-782 Survey

### Background

The EIA-782 survey was implemented 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. In the past, these data requirements were fulfilled through the following surveys:

- EIA-460: "Petroleum Industry Monthly Report on Product Prices"
- EIA-9A: "No. 2 Distillate Price Monitoring Report"
- EIA-25: "Prime Supplier's Monthly Report"
- FEA-P306: "Refiner/Importer Monthly Report of Petroleum Product Distribution"
- FEA-P314: "Monthly Survey of Distillate and Residual Fuel Oil Sales to Ultimate Consumers"
- FEA-P315: "Monthly Survey of Propane Sales Volume to Ultimate Consumers"
- SG-1, 2, 4, and 7: "Survey of Gallonage Sales of Gasoline."

The President's Executive Order 12287 on decontrol in January 1981, and the expiration of the Emergency Petroleum Allocation Act (EPAA) on September 30, 1981, brought changes in EIA's legislative mandates and data requirements. These changes, along with EIA's previous commitment to consolidate its data collection, motivated the development of an EIA survey which eliminated regulatory data elements and integrated, consolidated, and continued the collection of basic statistical elements from previous forms.

Comments solicited from the petroleum industry and data users led to the development of this new consolidated survey--the Form EIA-782 series, which includes the Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report,* Form EIA-782B, *Reseller/Retailers' Monthly Petroleum Product Sales Report,* and Form EIA-782C, *Monthly Report of Petroleum Products Sold into States for Consumption.*

The Form EIA-782A replaced the refiner and gas plant operator portion of the Form EIA-460. Major changes included deleting 10 product categories and redefining and regrouping other product categories formerly on the Form EIA-460 survey, shifting reporting from a national to a State-specific basis, and revising respondent lists and respondent groupings used for publication. The Form EIA-782A collects refiner and gas plant operator monthly price and volume data on a State level for various petroleum products for retail and wholesale marketing categories, with more detailed retail customer sales categories for No. 2 distillate.

The Form EIA-782B replaced the nonrefiner portions of the Form EIA-9A and the Form EIA-460. Major changes to the Form EIA-9A included deleting purchase, inventory, storage capacity, and tax data; regrouping customer sales categories; and revising the frame and sample.

The Form EIA-782C replaced Form EIA-25. Changes made included deletion of some product categories and the regrouping of others.

### Discussion of Sample Design

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

The Form EIA-782B was sent to a scientifically selected sample of motor gasoline resellers, and distillate 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 was supplemented with information from the Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," to provide separate stratification schemes that vary by product and State. Dealers selling in four or more States and company/State units comprising 5 percent or more of sales in that State were selected with certainty. The remaining company/State units on

the frame were stratified by geographic area, sales type, and volume of product sales. The geographic areas were defined as (a) the 24 States in which No. 2 distillate was a significant heating source and 51 States for residual and motor gasoline, or as (b) the PAD Districts for districts where not all State estimates are provided. The type-of-sale classifications were retail and resale for motor gasoline and residual fuel oil, and residential and nonresidential retail and wholesale for distillate. Three volume-of-sales classifications (zero, low, and high) were defined with volume boundaries and numbers of strata differing by State, sales type, and product.

The design of the EIA-782B sample was based on seven target variables: total retail motor gasoline, total wholesale motor gasoline, residential No. 2 fuel oil, other retail No. 2 fuel oil, total wholesale No. 2 fuel oil, total retail residual fuel oil, and total wholesale residual fuel oil. The required level of accuracy for each target variable was defined by a volume coefficient of variation (CV) of 15 percent for No. 2 distillate and 10 percent for motor gasoline and residual fuel oil, determined at the publishable State level (24 States for distillate, 51 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.

The samples resulting from the separate stratification schemes were combined by means of a linked-selection procedure designed to maximize the overlap among samples. This procedure produced a sample size of approximately 2,340 companies. Each company selected was required to file completed survey forms for all States in which it had petroleum sales.

The Form EIA-782C was sent to all suppliers who make the first sale of any of the selected products on the EIA-782C, and who deliver that product into a State for consumption in that State. These respondents were selected with certainty, due to their small number and because of the relative size of their sales volume.

## Discussion of the Sampling Frame

The Form EIA-782A mailing list consisted of all companies included on the mailing lists for the Form EIA-87, "Refiners Report," and the Form EIA-64, "Natural Gas Liquids Operations Report," in addition to those companies identified as refiners or gas plant operators on the Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," name and address file. The records from these combined files provided comprehensive coverage of the target population of refiners and gas plant operators. During 1988 there were approximately 170 companies responding to the EIA-782A.

The EIA-863 data base provided the sampling frame for the EIA-782B survey. The EIA-863, "Petroleum Product Sales Identification Survey," was mailed to approximately 35,000 companies in January 1986, in order to collect 1985 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 47 State and commercial lists.

Data from the 1985 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 frame file used to design and select the EIA-782B sample.

NOTE: Truck stops selling No. 2 diesel fuel were not specifically included in the frame. Therefore, the EIA-782B end-use category, "sales through company outlets," does not incorporate all sales of No. 2 distillate.

The initial Form EIA-782C mailing list consisted of all companies included on the mailing lists for the Forms EIA-782A and EIA-25 and all other firms believed to qualify for reporting. The Form EIA-782C frame included approximately 240 firms during 1988.

## Reliability of Data

There are two types of errors possible in an estimate based on a sample survey: sampling and nonsampling. Sampling errors occur because observations are made only on a sample, not on the entire population. Nonsampling errors can be attributed to many sources in the collection and processing of data. The accuracy of survey results are determined by the joint effects of sampling and nonsampling errors.

## Measures of Sampling Variability

Tables 13, 14, 28 to 32, 35 to 37, and 39 utilize a particular 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 sam-

ples 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. Table 48 provides the lowest and highest monthly standard errors for sales prices of motor gasoline, No. 2 distillate, No. 2 fuel oil, and residual fuel oil, respectively.

## Nonsampling Errors

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

Although no direct measurement of the biases due to nonsampling errors can be obtained, precautionary steps were taken in all phases of the frame development and data collection, processing, and tabulation processes, in an effort to minimize their influence. In addition, the close cooperative consultation between EIA and the EIA-782 survey respondents and data users results in a more accurate information gathering and reporting process. EIA-782 survey response rates are presented by type of entity in Table 49.

## Imputation and Estimation

Survey data gathered from the respondents invariably contain incomplete reporting, nonresponse, and values that fail editing. These missing data are estimated, or imputed for, as follows. First, for all survey units, the previous month's reported value and the previous month's predicted value are weighted together to yield a predicted value for the current month. The sum of the weighted, predicted values for nonrespondents in the current month is then multiplied by a chain link multiplier (the ratio of the sum of the weighted, reported values for respondents in the current month to the sum of the weighted, predicted values for respondents in the current month). The resulting estimate for nonreported values is then added to the reported values. That is,

$$\hat{V}_t = \sum_R W_i^* V_{i,t} + \frac{\sum_R W_i V_{i,t}}{\sum_R W_i \tilde{V}_{i,t}} \cdot \sum_{NR} W_i^* \tilde{V}_{i,t} \quad (1)$$

Where

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

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

$N$ = total number of population units,

$n$ = number of sampled units,

$\sum_R$ = summation across current month respondents,

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

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

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

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

$$\tilde{V}_{i,t} = \alpha \tilde{V}_{i,t-1} + (1-\alpha) V_{i,t} \quad (2)$$

where

$\tilde{V}_{i,t-1}$ = previous month (t-1) predicted volume for company i,

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

$\alpha$ = constant between 0 and 1, set by product and type of sale.

Analagously, revenue formulas are expressed by replacing $\hat{V}_t$, $V_{i,t}$, and $V_{i,t-1}$ in (1) and (2) with $\hat{Q}_t$, $Q_{i,t}$, $Q_{i,t}$, and $Q_{i,t-1}$, where Q represents revenue;i.e., price times volume. The resulting estimated revenues and volumes, $\hat{Q}_t$ and $\hat{V}_t$, are aggregated to the publishable level to yield $\hat{Q}_t$ and $\hat{V}_t$, repectively. Current

period volume weighted average price is therefore estimated by:

$$\hat{P}_{t.} = \frac{\hat{Q}_{t.}}{\hat{V}_{t.}} \qquad (3)$$

where (t.) represents aggregation to the publishable level for the current month (t).

To obtain the annual estimates presented in this publication, the monthly revenue and volume estimates, $\hat{Q}_t$ and $\hat{V}_t$, are summed to the annual level. Total annual revenue is then divided by total annual volume to yield annual averages.

Multiple product data collection and linked sample selection yield two types of respondents: basic and supplemental. Both types are used for imputation and estimation. Variances and standard errors are calculated using only basic respondents and, therefore, represent an upper bound on error.

Standard errors are obtained by taking the square root of the variance. These variances are estimated by:

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

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 as 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

The transition from the EIA-460, the EIA-9A, and the EIA-25 to the EIA-782, as discussed under "Background," occurred late in 1982 and involved many changes. These included changes in the reporting forms (such as changes in product definition), the frame, the nonresponse adjustment (imputation procedure), the sample, and the operating system; i.e., the editing and computational procedures. All these changes may be expected to have an impact on the volumes and prices derived from the EIA-782 survey and presented in this publication.

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,

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

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:

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

where t = reference month.

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

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

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,

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

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

Starting with the September 1988 final estimates, prices published are derived using the sample described under "Discussion of Sample Design." Prices published for January 1984 through August 1988 were derived using a different sample and design (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 1980(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 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 on the computer files. Statistical reports, including publication tables, are then generated using only acceptable and verified data.

## Processing of Late Submissions and Resubmissions

The *PMA* utilized data from EIA-782 forms which were late submissions or resubmitted by respondents after the *PMM* published 1988 monthly estimates. Late submissions and resubmissions of data for reference months January through December 1988 were processed with data in the monthly computer files. The data are manually reviewed and processed through an automated edit program in the month the data are received. Data which fail the edits are resolved in the same manner as discussed in the data processing section.

## Relationship of Sales and Sales for Consumption Data

The volumetric data collected on the EIA-782C are related to the sales volumes reported on the EIA-782A, but conceptual differences exist, which cause variations in the aggregate data. For example:

- The EIA-782A volumetric data are intended to be used primarily with the price data collected

on that schedule to generate weighted average sales prices for various petroleum product/sales categories. On the other hand, the EIA-782C data are intended for use, primarily, in understanding and assessing the distributional aspects of the petroleum product market.

- 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 and/or to be consumed. On the other hand, the EIA-782C is designed to collect data reflecting only first delivered sales of selected petroleum products into those States where the products are expected to be eventually consumed.

- A further difference involves the timing of sales and deliveries. The EIA-782A data reflect all sales for the reference month by refiners and gas plant operators in each State, regardless of when the product is to be delivered or consumed. Conversely, the EIA-782C data reflect only delivered sales. For example, the actual sale may be made in March, but the product not delivered until April. For the EIA-782A schedule, the data related to that sale should be included in the March report, but that volume should be reported on the EIA-782C with the April data.

- In addition, the reporting universe for the EIA-782C survey is slightly larger than that of the EIA-782A. While refiners and gas plant operators report on both surveys, some large interstate resellers or distributors, as well as importers of selected petroleum products, report only on the EIA-782C.

Consequently, the volume data generated from the EIA-782A and EIA-782C surveys generally vary at both national and State levels. In particular, differences are expected in the data for the States and/or regions in which major supply origination or transfer points are located. For example, States with major refining areas, such as Texas or California, generally show an excess of "total sales" (as reported on the EIA-782A) over sales/deliveries for consumption in that State (i.e., "consumption sales" as reported on the EIA-782C), since some sales are made and the product turned over to the buyer at the refinery (e.g., some f.o.b. sales) with the product subsequently moved out of State by the buyer.

Similarly, regions with a high level of product imports by firms which are neither refiners nor gas plant operators (e.g., in the New England or Mid-Atlantic regions) show higher "consumption sales" than "sales," since the import volumes would be reported only on the EIA-782C. Even the national volumes may differ, since these imports would not be reported as "sales" in any State/region on the EIA-782A, unless at some point in the distribution chain they were transferred to a refiner or gas plant operator that reported on the EIA-782A.

Additionally, States in which a major product pipeline terminal is located (e.g., Louisiana or New Jersey) may show varying "sales" levels since product ownership can be transferred to a buyer at either end. That is, a "sale" may occur in one State with the product subsequently transferred by the buyer to a different location for consumption or resale.

In summary, caution should be exercised in using and comparing the data generated from these two information systems. The U.S. petroleum product supply and distribution system is complex in nature; products enter and exit the distribution system at numerous points--points at which a "sale" may or may not occur, and which may or may not be geographically consistent with eventual consumption, which itself may not occur in the "sale" month. Total refiner sales, delivered first sales for consumption, and products supplied by producers reflect different, although related, concepts of measurement of volumes within the complex distribution system.

**Federal and State Motor Fuel Taxes**[1]
(Cents per Gallon)

| | Motor Gasoline | Diesel Fuel | | Motor Gasoline | Diesel Fuel |
|---|---|---|---|---|---|
| Federal[2] | 9.1 | 15.1 | Mississippi | 17.0 | 17.0 |
| | | | Missouri | 11.0 | 11.0 |
| | | | Montana | 20.0 | 20.0 |
| Alabama | 11.0 | 12.0 | Nebraska[3] | 12.5 | 12.5 |
| Alaska | 8.0 | 8.0 | Nevada | 18.0 | 20.0 |
| Arizona | 16.0 | 16.0 | New Hampshire | 14.0 | 14.0 |
| Arkansas | 13.5 | 12.5 | New Jersey | 10.5 | 13.5 |
| California[3] | 9.0 | 9.0 | New Mexico | 14.2 | 16.2 |
| Colorado | 18.0 | 20.5 | New York[3] | 8.0 | 10.0 |
| Connecticut | 20.0 | 20.0 | North Carolina[3] | 15.7 | 15.7 |
| Delaware | 16.0 | 16.0 | North Dakota | 17.0 | 17.0 |
| District of Columbia | 15.5 | 15.5 | Ohio | 14.8 | 14.8 |
| Florida | 9.7 | 9.7 | Oklahoma | 16.0 | 13.0 |
| Georgia[3] | 7.5 | 7.5 | Oregon | 14.0 | 14.0 |
| Hawaii[3] | 11.0 | 11.0 | Pennsylvania[3] | 12.0 | 12.0 |
| Idaho | 18.0 | 18.0 | Rhode Island | 15.0 | 15.0 |
| Illinois[3] | 13.0 | 15.5 | South Carolina | 15.0 | 15.0 |
| Indiana[3] | 15.0 | 16.0 | South Dakota | 18.0 | 18.0 |
| Iowa | 18.0 | 20.5 | Tennessee[3] | 16.0 | 15.0 |
| Kansas | 11.0 | 13.0 | Texas | 15.0 | 15.0 |
| Kentucky | 15.0 | 12.0 | Utah | 19.0 | 19.0 |
| Louisiana[3] | 16.0 | 16.0 | Vermont | 13.0 | 14.0 |
| Maine | 16.0 | 19.0 | Virginia | 17.5 | 16.0 |
| Maryland | 18.5 | 18.5 | Washington | 18.0 | 18.0 |
| Massachusetts | 11.0 | 11.0 | West Virginia[3] | 10.5 | 10.5 |
| Michigan[3] | 15.0 | 15.0 | Wisconsin | 20.9 | 20.9 |
| Minnesota | 20.0 | 20.0 | Wyoming | 8.0 | 8.0 |

[1] This figure lists rates of general application, 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 as of July 1, 1988, and will be updated as appropriate.

[2] The Federal tax on motor gasoline and diesel fuel changed from 4.0 cents to 9.0 cents on April 1, 1983. The Federal tax on diesel fuel changed from 9.0 cents to 15.0 cents on August 1, 1984. An additional 0.1 cent per gallon environmental excise tax was added January 1, 1986.

[3] Additional State taxes are levied as follows: California: 6 percent sales tax; Georgia: 3 percent sales tax; Hawaii: 4 percent sales tax; Illinois and Indiana: 5 percent sales tax; Louisiana: 1 percent sales tax; Michigan: 4 percent sales tax; Mississippi: effective July 1, 1988, environmental tax 0.2 cent per gallon on all products; Nebraska: 10.4 percent excise tax based on State motor fuel costs (variable, set quarterly, currently 6.2 cents); New York: 4 percent sales tax; North Carolina: inspection fee, 0.25 cent per gallon on all products; Pennsylvania: oil company franchise tax, 5.25 cents per gallon on all products; Tennessee: 1 cent per gallon special tax on all products; and West Virginia: 4 percent sales tax.

Source: State revenue/taxation offices.

**U.S. Postal Two-Letter State Abbreviations**

| | | | | | |
|---|---|---|---|---|---|
| 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 |

# The Crude Oil Price Surveys

## Background

### Form EIA-182: "Domestic Crude Oil First Purchasers' Report"

Each month, EIA-182 provides 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 and 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).

- **Total amount paid**. 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 amounts paid by the sum of the total volumes purchased.

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

The EIA-856 provides monthly price and volume data for about 90 percent of all the crude oil imported into the United States. It also provides classification data that enable EIA to determine the terms of an acquisition. The data are reported for the parent company and all the affiliates controlled by the parent. Under this definition, the acquisition price reported for each cargo is the one paid to an unaffiliated seller, in principle an "arms-length" price, which is consistent with use of the data to represent market trends, rather than monitoring internal company transfer pricing policies.

Each month, respondents report the following for cargos acquired for U.S. importation:

- **Offshore inventories.** Crude oil owned by the respondent that is intended for importation into the United States. These inventories include oil in tankers enroute to the United States and floating or on-land storage outside the United States.
- **Crude type.** Includes the country of origin of the cargo of crude, the stream or type of crude oil (e.g., Saudi Light), and the API gravity.
- **Volume.** The number of 42 gallon barrels in the cargo.
- **Dates.** The date of loading/acquisition and the expected month 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.

**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 oils.** 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

**EIA-182:**

All firms that buy domestic crude oil at the lease boundary, acquiring ownership of the crude in a first purchase transaction. The list initially was compiled from the 1974 Federal Energy Administration (FEA) Oil and Gas Survey of Producers and Operators. Collection of data from first purchasers began in February 1976. By 1978, the frame consisted of 340 respondents. Of these, 198 purchased more than 150,000 barrels per year and together represented 99.9 percent of the total reported volume.

Adjustments to the frame have mostly been "deaths," with relatively few "births." Following decontrol in January 1981, there was a major contraction of the list of active first purchasers. Many small firms went out of business or were absorbed by larger companies. More recent changes include several mergers among majors and one breakup of a major company. Currently, the EIA-182 survey collects data from 170 active respondents.

**EIA-856:**

All companies that were reporting data on the ERA-51, "Transfer Pricing Report," as of June 1982, are required to prepare and submit an EIA-856 each month, 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.

**EIA-14:**

All refiners of crude oil in the United States, including its territories and possessions. There are currently 160 active respondents to the EIA-14.

The list of respondents to the EIA-14 is updated annually by supplementation from the EIA-782A, "Refiner/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.

## Data Continuity

The crude oil statistics published in the *Petroleum Marketing Annual* 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.

## Processing of Late Submissions and Resubmissions

The *PMA* utilized data from EIA-14, EIA-182, and EIA-856 survey forms which were late submissions or resubmitted by respondents after the *PMM* published 1988 monthly estimates. Late submissions and resubmissions of data for reference months January through December 1988 were processed with data in the monthly computer files. The data are manually reviewed and processed through an automated edit program in the month the data are received. Data which fail the edits are resolved in the same manner as discussed in the data processing section.

# Product Guide

# Product Guide

| Category | Table | | |
|---|---|---|---|
| | Prices | Volumes | First Sales for Consumption |
| **Crude Oil** | | | |
| Refiner Acquisition Cost | | | |
| U.S. Average | 1 | — | — |
| -by type of refiner | 19 | — | — |
| Domestic First Purchases | | | |
| U.S. Average | 1 | — | — |
| U.S., PAD District, and State | 20 | — | — |
| Imports | | | |
| FOB Costs | 1 | — | — |
| -from selected countries | 21 | — | — |
| -by API gravity | 23 | — | — |
| -for selected crude streams | 26 | — | — |
| Landed Costs | | | |
| -from selected countries | 22 | — | — |
| -by API gravity | 24 | — | — |
| -for selected crude streams | 27 | — | — |
| Total Imports | | | |
| -by API gravity | 25 | — | — |
| **Motor Gasoline** | | | |
| U.S. Average or Total | | | |
| -by seller type with | | | |
| -detailed sales type data | 6 | 6 | — |
| -from 1978 to present | 2, 4, 9, 11, 12 | — | — |
| -from 1983 to present | 7 | 3, 5, 8, 10 | — |
| U.S., PAD District, and State | — | — | 45 |
| -by seller type with | | | |
| detailed sales type data | 28, 29 | 40 | — |
| **Leaded Motor Gasoline** | | | |
| U.S., PAD District, and State | — | — | 45 |
| -detailed sales type data | 28, 30 | 41 | — |
| **Unleaded Motor Gasoline** | | | |
| U.S., PAD District, and State | — | — | 45 |
| -detailed sales type data | 28, 31 | 41 | — |
| **Premium Motor Gasoline** | | | |
| U.S., PAD District, and State | — | — | 45 |
| -detailed sales type data | 28, 32 | 41 | — |
| **Aviation Gasoline** | | | |
| U.S. Average or Total | | | |
| -from 1978 to present | 2, 4 | — | — |
| -from 1983 to present | — | 3, 5 | — |
| U.S., PAD District, and State | 33 | 42 | 46 |
| **Kerosene-Type Jet Fuel** | | | |
| U.S. Average or Total | | | |
| -from 1978 to present | 2, 4 | — | — |
| -from 1983 to present | — | 3, 5 | — |
| U.S., PAD District, and State | 33 | 42 | 46 |
| **Propane, Consumer Grade** | | | |
| U.S. Average or Total | | | |
| -from 1978 to present | 2, 4 | — | — |
| -from 1983 to present | — | 3, 5 | — |
| U.S., PAD District, and State | 33 | 42 | 46 |
| **Kerosene** | | | |
| U.S. Average or Total | | | |
| -from 1978 to present | 2, 4 | — | — |
| -from 1983 to present | — | 3, 5 | — |
| U.S., PAD District, and State | 34 | 43 | 47 |

# Product Guide

| Category | Table | | |
|---|---|---|---|
| | Prices | Volumes | First Sales for Consumption |
| **No. 1 Distillate** | | | |
| U.S. Average or Total | | | |
| -from 1978 to present | 2, 4 | — | — |
| -from 1983 to present | — | 3, 5 | — |
| U.S., PAD District, and State | 34 | 43 | 47 |
| **No. 2 Distillate** | | | |
| U.S. Average or Total | | | |
| -from 1978 to present | 2, 4, 14 | — | — |
| -from 1983 to present | 13 | 3, 5 | — |
| U.S., PAD District, and State | — | — | 47 |
| -with detailed sales type data | 34, 35, 36 | 42 | — |
| **No. 2 Fuel Oil** | | | |
| U.S. Average or Total | | | |
| -from 1978 to present | 2, 4 | — | — |
| -from 1983 to present | — | 3, 5 | — |
| U.S., PAD District, and State | — | — | 47 |
| -with detailed sales type data | 37 | — | — |
| **No. 2 Diesel Fuel** | | | |
| U.S. Average or Total | | | |
| -from 1978 to present | 2, 4 | — | — |
| -from 1983 to present | — | 3, 5 | — |
| U.S., PAD District, and State | — | — | 47 |
| **No. 4 Fuel** | | | |
| U.S. Average or Total | | | |
| -from 1978 to present | 2, 4 | — | — |
| -from 1983 to present | — | 3, 5 | — |
| U.S., PAD District, and State | 38 | 44 | 47 |
| **Residual Fuel Oil** | | | |
| U.S. Average or Total | | | |
| -from 1978 to present | 2, 4, 15, 17 | — | — |
| -from 1983 to present | — | 3, 5, 16, 18 | — |
| U.S., PAD District, and/or State | 38, 39 | 44 | 46 |
| **Residual Fuel Oil (sulfur content less than or equal to 1 percent)** | | | |
| U.S. Average or Total | | | |
| -from 1978 to present | 15 | — | — |
| -from 1983 to present | — | 16 | — |
| U.S., PAD District, and/or State | 38, 39 | 44 | 46 |
| **Residual Fuel Oil (sulfur content greater than 1 percent)** | | | |
| U.S. Average or Total | | | |
| -from 1978 to present | 15 | — | — |
| -from 1983 to present | — | 16 | — |
| U.S., PAD District, and/or State | 38, 39 | 44 | 46 |

— = Not applicable

# Appendix: Annual Report On Sales of Fuel Oil and Kerosene, 1988

# Contents

Page

**Annual Report on Sales of Fuel Oil and Kerosene, 1988**

Introduction ..... 375

Sales of Fuel Oil and Kerosene in 1988 ..... 377

Deliveries of Fuel Oil and Kerosene, 1988 ..... 397

Technical Notes ..... 415

## Tables

**Sales of Fuel Oil and Kerosene in 1988**

A1. Sales of Distillate Fuel Oil by End Use in the United States: 1984-1988 ..... 381

A2. Sales of Residual Fuel Oil by End Use in the United States: 1984-1988 ..... 382

A3. Sales of Kerosene by End Use in the United States: 1984-1988 ..... 382

A4. Sales of Distillate Fuel Oil by End Use, 1987 and 1988 ..... 383

A5. Sales of Residual Fuel Oil by End Use, 1987 and 1988 ..... 387

A6. Sales of Kerosene by End Use, 1987 and 1988 ..... 389

A7. Sales for Residential Use: Distillate Fuel Oil and Kerosene, 1988 ..... 391

A8. Sales for Commercial Use: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 1988 ..... 392

A9. Sales to Industrial Users and to Oil Companies: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 1988 ..... 393

A10. Sales for Farm Use: Distillate Fuel Oil and Kerosene; Sales to Electric Utilities: Distillate Fuel Oil and Residual Fuel Oil, 1988 ..... 394

A11. Sales for Transportation Use: Distillate Fuel Oil and Residual Fuel Oil, 1988 ..... 395

A12. Sales for Military Use: Distillate Fuel Oil and Residual Fuel Oil; Sales for Off-Highway Use: Diesel; and Sales for All Other Uses: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 1988 ..... 396

Page

**Deliveries of Fuel Oil and Kerosene in 1988**


A13. Deliveries of Distillate Fuel Oil by End Use in the United States: 1984-1988 ..... 398

A14. Deliveries of Residual Fuel Oil by End Use in the United States: 1984-1988 ..... 399

A15. Deliveries of Kerosene by End Use in the United States: 1984-1988 ..... 399

A16. Deliveries of Distillate Fuel Oil by End Use, 1987 and 1988 ..... 400

A17. Deliveries of Residual Fuel Oil by End Use, 1987 and 1988 ..... 404

A18. Deliveries of Kerosene by End Use, 1987 and 1988 ..... 406

A19. Deliveries for Residential Use: Distillate Fuel Oil and Kerosene, 1988 ..... 408

A20. Deliveries for Commercial Use: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 1988 ..... 409

A21. Deliveries for Industrial and Oil Company Use: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 1988 ..... 410

A22. Deliveries for Farm Use: Distillate Fuel Oil and Kerosene; Deliveries for Electric Utility Use: Distillate Fuel Oil and Residual Fuel Oil, 1988 ..... 411

A23. Deliveries for Transportation Use: Distillate Fuel Oil and Residual Fuel Oil, 1988 .. 412

A24. Deliveries for Military Use: Distillate Fuel Oil and Residual Fuel Oil; Deliveries for Off-Highway Use: Diesel; and Deliveries for All Other Uses: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 1988 ..... 413


## *Figures*


A1. Sales of Distillate and Residual Fuel Oils by End Use, 1986-1988 ..... 378

A2. Volume Distribution of Distillate and Residual Fuel Oils by PAD District, 1986-1988 ..... 413

# Introduction

## Annual Report on Sales of Fuel Oil and Kerosene, 1988

This appendix contains statistics on fuel oil and kerosene sales to various end-use sectors in 1988. This is the fifth annual presentation of the results of the ongoing "Annual Fuel Oil and Kerosene Sales Report," (Form EIA-821) survey. Tables A1-A12 (Sales) present the results of the EIA-821 survey. Tables A13-A24 (Deliveries) include volumes which are based on the EIA-821 survey but have been adjusted to equal the products supplied volumes published in the *Petroleum Supply Annual* (PSA). See Technical Note 3 for further discussion of data adjustments.

Tables A1-A12 contain sales estimates based on the data reported in the survey for all categories except on-highway diesel and kerosene. The survey was not expected to yield valid statistics for these two categories because comprehensive listings of all truck stops and kerosene retailers were unavailable. Hence, State-level data obtained from the Federal Highway Administration were used for on-highway diesel. For kerosene, in Table A3, national-level products supplied volumes, as published in the 1984 through 1988 PSA, were prorated to the State-level and end-use categories based on the results of the survey.

In Tables A13-A24, Petroleum Administration for Defense (PAD) District-level estimates of distillate fuel oil, residual fuel oil, and kerosene are adjusted to equal published EIA volume estimates of products supplied data. For certain sales categories, data obtained from alternate sources were used instead of the adjusted numbers for 1984 through 1988. See "Technical Notes" for a further explanation. The sales data presented in Tables A1-A12 and the volumes supplied (Deliveries) data in Tables A13-A24 differ for many reasons, such as:

- Products supplied into a PAD District may be blended prior to final sale. For example, residual fuel and No. 2 distillate may be blended and sold as a No. 4 fuel oil or, in colder climates, kerosene may be blended with distillate fuel and sold as heating oil.
- Some products are interchangeable (fungible) and may be supplied as one product and sold as another. For example, diesel fuel or kerosene may be sold as fuel oil.
- Products may be supplied into a PAD District but the final sale may cross PAD District boundaries. For example, a fuel oil dealer in Ohio (PAD District II) may make retail sales into Pennsylvania (PAD District IB) and/or West Virginia (PAD District IC).
- Drawdowns or buildups in stocks will cause volumes supplied to differ from sales volumes.

# Sales of Fuel Oil and Kerosene, 1988

## Overview

The decline in petroleum product prices coupled with economic growth of 3.9 percent and severe weather conditions,[1] boosted the demand for fuel oil and kerosene in 1988. Sales of both distillate and residual fuel oil increased 6.4 percent over 1987. The demand for distillate fuel oil was driven by a large increase in on-highway diesel fuel use, while electric utilities increased their purchases of competitively priced residual fuel oil.

Fuel oil and kerosene sales to consumers in the United States were up 6.3 percent from 1987 to 1988. Approximately 70.8 billion gallons of fuel oil and kerosene were sold in 1988 compared to 66.6 billion gallons in 1987. Sales levels were similar to 1986 when 69.0 billion gallons of fuel oil and kerosene were sold domestically. Of all fuel oil sales made during 1988, distillate fuel oil accounted for 67.2 percent, followed by residual fuel oil at 30.7 percent and kerosene at 2.1 percent (Tables A1-A3).

## Distillate Fuel Oil

In 1988, approximately 47.6 billion gallons of distillate fuel oil were sold in the United States, the highest volume recorded over the past five years. Sales volumes were greatest in the transportation and residential end-use sectors. Transportation distillate sales continued to climb with 25.1 billion gallons sold (Figure A1) or 52.8 percent of total distillate fuel oil sales. The majority of transportation distillate sales were made to customers for vehicle use, whose purchases of diesel rose 10.3 percent over 1987 (Table A1).

Although residential No. 2 distillate prices were up in 1988,[2] a colder-than-normal winter[3] contributed to the rise in residential fuel oil sales in 1988, up 4.2 percent over 1987. Residential fuel oil sales showed their largest increase in Petroleum Administration for Defense (PAD) District 1A, the Northeast, and PAD District II, the Midwest, 6.4 and 6.0 percent, respectively (Tables A1 and A4).

Demand for distillate by other end users also increased in 1988. Sales to farmers, construction and logging customers (off-highway), ship and boat owners, electric utilities and the Department of Defense (military) all showed increases over 1987. On the other hand, sales to industrial[4] and commercial end users declined from the previous year (Table A1).

Figure A2 displays the distribution of distillate fuel oil sales by PAD Districts for 1986-1988. As in previous years, the majority of distillate fuel oil sales were made in PAD District I, the East Coast. Although sales on the East Coast were up by 5.2 percent, the share of total distillate fuel oil sales in this region fell slightly from 42.5 percent in 1987 to 42.0 percent in 1988. In contrast, not only did sales on the West Coast, PAD District V, increase by 16.6 percent from 1987, its relative importance of total distillate sales also increased from 12.0 percent to 13.1 percent in 1988. Sales for PAD Districts II, III, and IV also increased during 1988; however, their share of total distillate sales remained basically unchanged during this time period (Table A4).

## Residual Fuel Oil

Sales of residual fuel oil rebounded in 1988 after dropping in 1987. Price drops[5] and adverse weather conditions contributed to the increased demand for residual fuel oil sales. The greatest demand for residual fuel oil was by electric utilities and vessel bunkers whose pur-

[1]Energy Information Administration, *Short-Term Energy Outlook,* DOE/EIA-020(89/2Q) (Washington, D.C., February 1989), Table 4, p. 42.

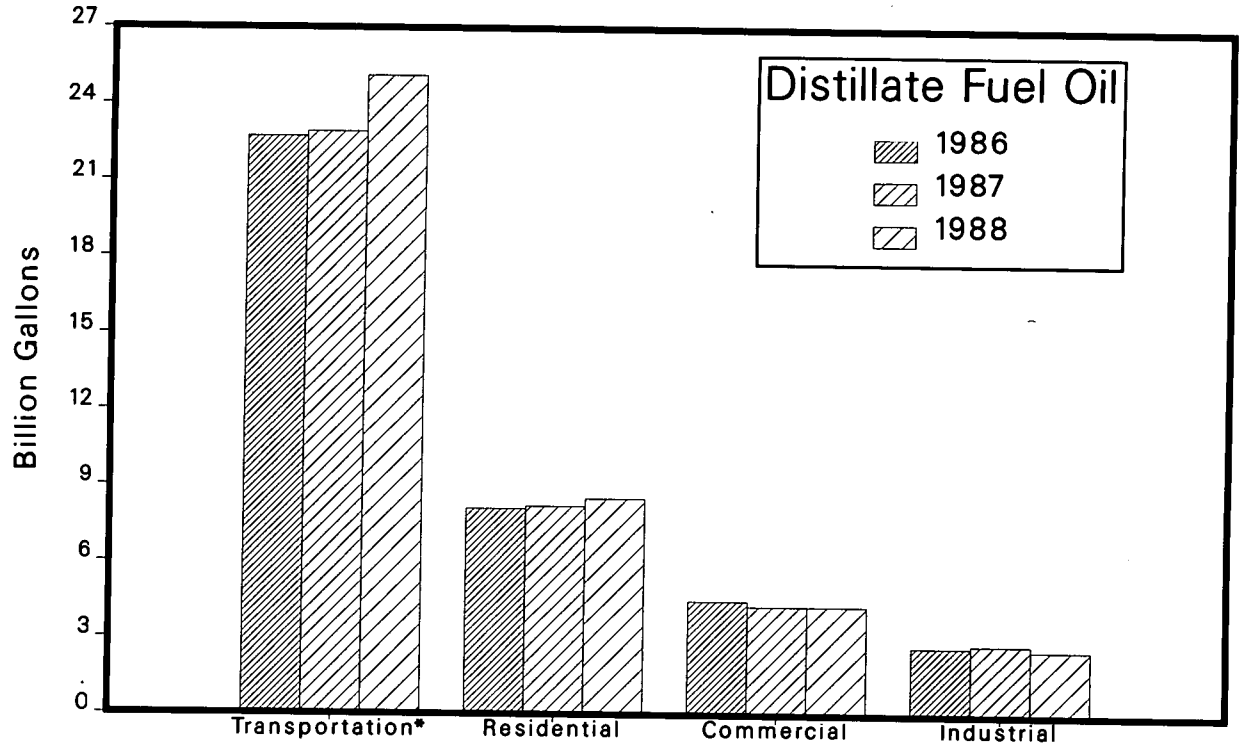
[2]Energy Information Administration, *Petroleum Marketing Monthly,* DOE/EIA-0380(89/01) (Washington, D.C., April 1989), Table 15, p. 34.

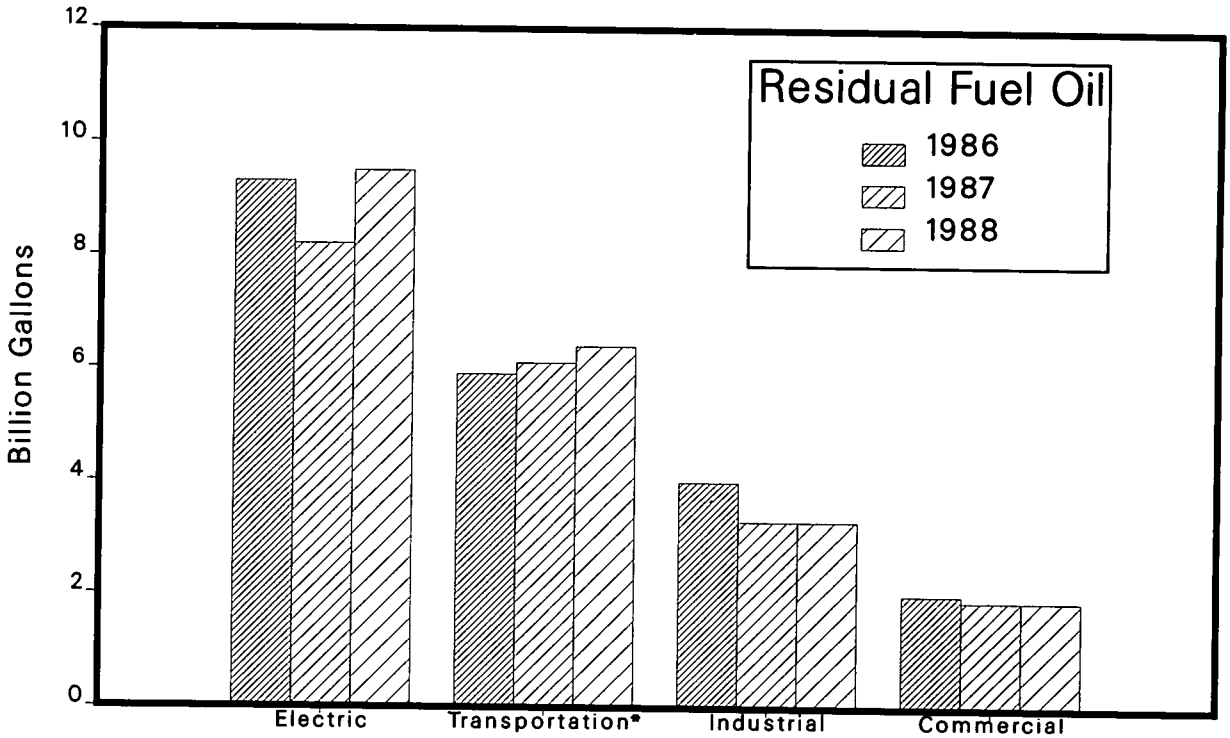
[3]Energy Information Administration, *Short-Term Energy Outlook,* DOE/EIA-020(89/2Q) (Washington, D.C., February 1989), Table 4, p. 42.

[4]Industrial distillate sales showed a decrease in 1988. After reviewing the data, however, it was found that several companies had either overestimated or misclassified their distillate fuel oil sales in 1987. Reclassification of sales in 1988 resulted in data being reported as wholesale sales instead of sales to industrial end users. Approximately 230 million gallons of distillate fuel oil were incorrectly reported in 1987. Hence, industrial distillate sales may have shown an increase in 1988 had these volumes been correctly reported in 1987.

[5]Energy Information Administration, *Petroleum Marketing Monthly,* DOE/EIA-0380(89/01) (Washington, D.C., April 1989), Table 2, p. 14.

**Figure A1. Sales of Distillate and Residual Fuel Oils by End Use, 1986-1988**

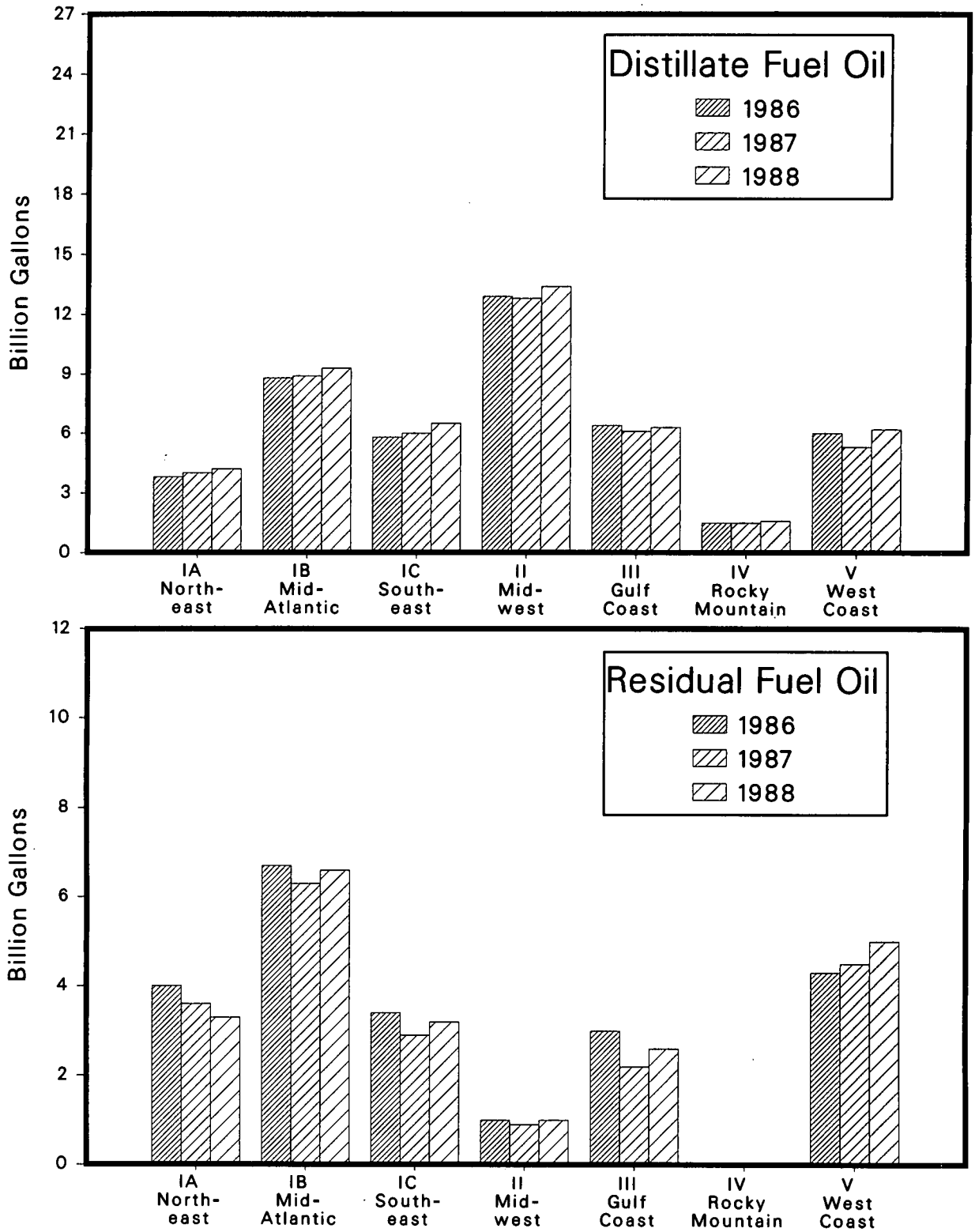



*For distillate fuel oil, transportation use comprises railroad, vessel bunkering, and on-highway diesel end-use categories. For residual fuel oil, transportation use comprises railroad and vessel bunkering end-use categories.

Sources: Energy Information Administration, "Petroleum Marketing Monthly," June 1989, Tables A1 and A2.

**Figure A2. Volume Distribution of Distillate and Residual Fuel Oils by PAD District, 1986-1988**




Sources: Energy Information Administration, "Petroleum Marketing Monthly," June 1988 and June 1989, Tables A4 and A5.

chases increased by 14.9 and 4.1 percent, respectively, over 1987 (Table A2).

Electric utilities continued to dominate the residual fuel oil market with a 43.6 percent share of total residual fuel oil sales. This was an increase over 1986 and 1987 when total shares of residual fuel oil to this end-use sector were 41.7 and 40.4 percent, respectively (Table A2). The competitiveness of residual fuel oil prices with natural gas prices in 1988, in addition to a drop in hydroelectric generation due to drought conditions in 1988, provided electric utilities with an opportunity to switch to residual fuel oil to meet the demands of a warmer-than-normal summer.

As in previous years, the majority of residual fuel oil sales made to electric utilities remained on the East Coast, PAD District I. PAD District I accounted for 84.4 percent of sales to electric utilities in 1988. However, this was a decrease from 1987 when the share of these sales was 90.8 percent (Table A5).

Even though prices of residual fuel oil were competitive with natural gas prices during 1988, industrial end users did not switch to residual fuel oil. Sales were down by 2.6 percent from 1987. On the other hand, a colder winter spurred commercial establishments to purchase more residual fuel oil to heat their buildings in 1988. Here, sales were up 2.6 percent over the previous year (Table A2).

Residual fuel oil sales for vessel bunkering were also up in 1988. The largest increase to this end-use sector occurred in PAD District III, the Gulf Coast, up 11.7 percent. Sales in PAD District V, the West Coast, did not rise as significantly in 1988; however, the West Coast, continued to dominate residual fuel oil sales for vessel bunkering with a 43.3 percent share (Table A5).

Figure A2 displays the distribution of residual fuel oil sales by PAD Districts for 1986-1988. PAD District I, the East Coast, in particular the Mid-Atlantic States (PAD District IB), used the most residual fuel oil in 1988. The next largest percentage of residual fuel oil sales occurred on the West Coast, PAD District V. The share of total residual fuel oil in this PAD District increased to 23.1 percent, 1.3 percentage points over 1987 (Table A5).

## *Kerosene*

Kerosene sales made a come back in 1988 after declining for four straight years. Sales were up 2.0 percent from 1987. As in previous years, residential customers purchased the majority of kerosene followed by commercial end users. Industrial end-use sales increased the most over 1987. The bulk of kerosene sold in the United States occurred in PAD District I and PAD District II (Table A3).

## Table A1. Sales of Distillate Fuel Oil by End Use in the United States: 1984-1988
(Thousand Gallons)

| End Use | Distillate Fuel Oil | | | | |
|---|---|---|---|---|---|
| | 1984 | 1985 | 1986 | 1987 | 1988 |
| **U.S. Total** | **45,671,779** | **43,058,711** | **45,124,491** | **44,719,327** | **47,576,811** |
| Residential | 8,215,722 | 7,728,057 | 8,098,496 | 8,179,134 | 8,518,859 |
| Commercial | 5,538,184 | 4,463,226 | 4,542,253 | 4,299,580 | 4,294,182 |
| Industrial | 2,555,898 | 2,440,661 | 2,681,720 | 2,823,679 | 2,562,685 |
| Oil Company | 848,083 | 684,227 | 623,004 | 618,193 | 622,736 |
| Farm | 3,201,600 | 3,102,106 | 3,340,813 | 2,998,681 | 3,162,575 |
| Electric Utility | 648,665 | 523,010 | 583,579 | 562,665 | 720,137 |
| Railroad | 2,944,694 | 2,786,479 | 2,850,311 | 2,850,159 | 3,095,736 |
| Vessel Bunkering | 1,763,782 | 1,698,985 | 1,949,423 | 1,864,992 | 1,991,773 |
| On-Highway Diesel | 16,797,423 | 17,279,650 | 17,926,508 | 18,172,934 | 20,038,691 |
| Military | 700,788 | 661,644 | 720,880 | 712,822 | 830,614 |
| Off-Highway Diesel | 1,756,077 | 1,522,041 | 1,659,365 | 1,559,873 | 1,671,387 |
| All Other | 700,864 | 168,625 | 148,138 | 76,615 | 67,435 |

Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1984-1988.
• On-Highway Diesel data are obtained from information on highway use of special fuels gathered by the Federal Highway Administration.

## Table A2. Sales of Residual Fuel Oil by End Use in the United States: 1984-1988
(Thousand Gallons)

| End Use | Residual Fuel Oil | | | | |
|---|---|---|---|---|---|
| | 1984 | 1985 | 1986 | 1987 | 1988 |
| **U.S. Total** | **18,347,827** | **16,069,860** | **22,407,894** | **20,414,122** | **21,719,226** |
| Commercial | 1,539,124 | 1,365,876 | 1,996,238 | 1,877,933 | 1,927,533 |
| Industrial | 3,498,873 | 3,344,772 | 4,035,217 | 3,324,337 | 3,239,538 |
| Oil Company | 1,249,935 | 944,888 | 803,875 | 669,176 | 548,930 |
| Electric Utility | 6,980,119 | 5,507,617 | 9,345,361 | 8,237,163 | 9,464,457 |
| Railroad | 1,007 | 5,973 | 589 | 430 | 32 |
| Vessel Bunkering | 4,580,688 | 4,590,013 | 5,889,476 | 6,105,089 | 6,354,536 |
| Military | 95,718 | 116,224 | 102,555 | 152,028 | 125,318 |
| All Other | 402,363 | 194,496 | 234,584 | 47,966 | 58,880 |

Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1984-1988.

## Table A3. Sales of Kerosene by End Use in the United States: 1984-1988
(Thousand Gallons)

| End Use | Kerosene | | | | |
|---|---|---|---|---|---|
| | 1984 | 1985 | 1986 | 1987 | 1988 |
| **U.S. Total** | **1,771,770** | **1,745,856** | **1,506,162** | **1,449,504** | **1,478,316** |
| Residential | 1,187,313 | 1,174,226 | 898,625 | 879,406 | 1,063,187 |
| Commercial | 265,684 | 243,218 | 369,800 | 360,413 | 193,476 |
| Industrial | 124,456 | 149,450 | 111,482 | 86,020 | 117,858 |
| Farm | 45,819 | 41,248 | 37,824 | 32,025 | 33,426 |
| All Other | 148,497 | 137,715 | 88,431 | 91,641 | 70,370 |

Note: Totals may not equal sum of components due to independent rounding.
Note: Kerosene data in the Sales tables (A1-A12) are adjusted at the national level. See Technical Note 3 for further explanation.
Sources: • Kerosene data are based on data from the Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1984-1988, (DOE/EIA-0340(84)/1 - (88)/1).

# Table A4. Sales of Distillate Fuel Oil by End Use, 1987 and 1988
(Thousand Gallons)

| Destination | Residential | | Commercial | | Industrial | |
|---|---|---|---|---|---|---|
| | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 |
| **U.S. Total** | **8,179,134** | **8,518,859** | **4,299,580** | **4,294,182** | **2,823,679** | **2,562,685** |
| **PAD District I Total** | **6,596,744** | **6,842,982** | **2,674,313** | **2,694,430** | **1,138,883** | **1,003,201** |
| **Subdistrict IA Total** | **2,103,404** | **2,237,744** | **655,051** | **660,007** | **290,296** | **203,785** |
| Connecticut | 546,892 | 627,071 | 147,724 | 144,332 | 60,362 | 47,225 |
| Maine | 257,229 | 284,972 | 69,865 | 85,363 | 23,184 | 29,249 |
| Massachusetts | 874,767 | 884,850 | 285,930 | 303,731 | 161,491 | 93,147 |
| New Hampshire | 185,676 | 176,247 | 78,890 | 55,055 | 12,941 | 14,076 |
| Rhode Island | 150,472 | 171,943 | 41,941 | 38,557 | 23,780 | 10,983 |
| Vermont | 88,368 | 92,661 | 30,702 | 32,970 | 8,538 | 9,106 |
| **Subdistrict IB Total** | **3,767,215** | **3,880,588** | **1,467,506** | **1,480,067** | **448,776** | **420,186** |
| Delaware | 63,145 | 66,498 | 17,039 | 18,637 | 8,997 | 9,545 |
| District of Columbia | 19,270 | 14,089 | 30,575 | 26,124 | 358 | 47 |
| Maryland | 259,976 | 282,633 | 91,099 | 88,871 | 28,592 | 32,205 |
| New Jersey | 821,257 | 834,469 | 366,699 | 377,096 | 92,121 | 95,636 |
| New York | 1,705,655 | 1,738,701 | 696,080 | 702,709 | 80,267 | 62,661 |
| Pennsylvania | 897,913 | 944,198 | 266,014 | 266,630 | 238,442 | 220,092 |
| **Subdistrict IC Total** | **726,125** | **724,651** | **551,756** | **554,355** | **399,811** | **379,229** |
| Florida | 33,907 | 24,931 | 181,763 | 158,091 | 63,943 | 38,669 |
| Georgia | 16,137 | 12,302 | 47,271 | 57,417 | 47,593 | 42,006 |
| North Carolina | 267,655 | 273,796 | 138,175 | 147,362 | 93,601 | 92,097 |
| South Carolina | 65,943 | 53,464 | 40,884 | 50,337 | 21,495 | 24,788 |
| Virginia | 312,637 | 332,782 | 122,446 | 124,082 | 91,994 | 88,088 |
| West Virginia | 29,845 | 27,375 | 21,216 | 17,066 | 81,185 | 93,581 |
| **PAD District II Total** | **1,296,148** | **1,373,843** | **713,009** | **750,697** | **890,196** | **751,713** |
| Illinois | 86,544 | 93,160 | 74,786 | 85,906 | 168,684 | 75,758 |
| Indiana | 125,335 | 122,680 | 63,346 | 58,741 | 140,359 | 74,847 |
| Iowa | 55,288 | 48,985 | 34,464 | 30,081 | 18,357 | 20,685 |
| Kansas | 969 | 1,312 | 12,309 | 16,918 | 20,502 | 14,843 |
| Kentucky | 34,514 | 38,958 | 24,198 | 42,848 | 166,979 | 159,574 |
| Michigan | 236,656 | 255,530 | 79,278 | 106,696 | 59,125 | 82,164 |
| Minnesota | 176,409 | 192,125 | 45,757 | 48,378 | 37,459 | 43,523 |
| Missouri | 29,693 | 27,853 | 84,270 | 73,041 | 39,948 | 40,357 |
| Nebraska | 9,150 | 8,736 | 16,066 | 13,128 | 4,438 | 5,350 |
| North Dakota | 40,635 | 42,382 | 10,986 | 6,763 | 10,285 | 13,217 |
| Ohio | 188,894 | 204,442 | 96,037 | 97,982 | 121,013 | 111,330 |
| Oklahoma | 452 | 1,225 | 18,518 | 27,411 | 23,638 | 25,807 |
| South Dakota | 38,854 | 40,390 | 18,779 | 15,157 | 5,532 | 8,794 |
| Tennessee | 10,350 | 9,909 | 52,687 | 48,428 | 45,966 | 44,606 |
| Wisconsin | 262,407 | 286,156 | 81,528 | 79,220 | 27,911 | 30,857 |
| **PAD District III Total** | **3,710** | **2,493** | **337,510** | **249,396** | **306,165** | **274,176** |
| Alabama | 769 | 1,117 | 29,660 | 29,775 | 54,976 | 55,691 |
| Arkansas | 40 | 35 | 9,274 | 6,734 | 13,527 | 12,796 |
| Louisiana | 48 | 63 | 48,509 | 34,309 | 31,323 | 22,875 |
| Mississippi | 411 | 114 | 20,528 | 15,869 | 15,217 | 21,514 |
| New Mexico | 327 | 324 | 18,249 | 14,859 | 62,010 | 44,856 |
| Texas | 2,114 | 841 | 211,289 | 147,850 | 129,112 | 116,445 |
| **PAD District IV Total** | **37,305** | **40,389** | **99,082** | **99,199** | **124,582** | **154,699** |
| Colorado | 2,172 | 2,005 | 35,230 | 38,625 | 18,010 | 40,819 |
| Idaho | 21,123 | 23,335 | 15,528 | 16,359 | 15,620 | 18,079 |
| Montana | 9,071 | 8,896 | 11,218 | 7,551 | 18,623 | 16,368 |
| Utah | 3,723 | 4,985 | 27,066 | 26,446 | 28,567 | 36,910 |
| Wyoming | 1,217 | 1,168 | 10,041 | 10,218 | 43,763 | 42,523 |
| **PAD District V Total** | **245,228** | **259,151** | **475,666** | **500,461** | **363,852** | **378,896** |
| Alaska | 56,364 | 49,864 | 36,836 | 33,963 | 5,660 | 25,527 |
| Arizona | 677 | 244 | 18,519 | 18,839 | 32,124 | 34,487 |
| California | 9,966 | 8,851 | 240,405 | 245,044 | 228,414 | 198,820 |
| Hawaii | 29 | 68 | 16,881 | 23,428 | 4,019 | 4,377 |
| Nevada | 11,355 | 11,286 | 24,954 | 17,653 | 29,543 | 53,150 |
| Oregon | 61,019 | 71,483 | 56,649 | 58,974 | 26,860 | 26,879 |
| Washington | 105,818 | 117,356 | 81,421 | 102,560 | 37,232 | 35,657 |

See footnotes at end of table.

# Table A4. Sales of Distillate Fuel Oil by End Use, 1987 and 1988—Continued
(Thousand Gallons)

| Destination | Oil Company | | Farm | | Electric Utility | |
|---|---|---|---|---|---|---|
| | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 |
| **U.S. Total** | **618,193** | **622,736** | **2,998,681** | **3,162,575** | **562,665** | **720,137** |
| **PAD District I Total** | **45,621** | **39,973** | **455,601** | **459,009** | **276,980** | **378,314** |
| **Subdistrict IA Total** | **3,733** | **1,696** | **20,428** | **24,647** | **16,185** | **27,337** |
| Connecticut | 2,302 | 273 | 2,817 | 2,166 | 636 | 2,165 |
| Maine | 158 | 13 | 4,407 | 6,949 | 1,434 | 546 |
| Massachusetts | 865 | 970 | 2,755 | 2,782 | 10,408 | 19,851 |
| New Hampshire | 23 | 72 | 1,789 | 2,619 | 979 | 1,110 |
| Rhode Island | 301 | 341 | 161 | 264 | 659 | 1,948 |
| Vermont | 83 | 28 | 8,498 | 9,868 | 2,068 | 1,718 |
| **Subdistrict IB Total** | **28,777** | **31,600** | **159,009** | **150,822** | **168,941** | **243,655** |
| Delaware | 707 | 432 | 6,852 | 7,363 | 13,025 | 5,635 |
| District of Columbia | - | - | - | - | 29,811 | 64,553 |
| Maryland | 1,343 | 958 | 23,765 | 28,403 | 27,483 | 15,029 |
| New Jersey | 1,515 | 5,623 | 19,853 | 19,155 | 14,544 | 29,842 |
| New York | 6,017 | 8,533 | 48,237 | 57,684 | 37,883 | 73,790 |
| Pennsylvania | 19,194 | 16,053 | 60,301 | 38,217 | 46,195 | 54,806 |
| **Subdistrict IC Total** | **13,111** | **6,677** | **276,164** | **283,540** | **91,854** | **107,323** |
| Florida | 880 | 1,066 | 91,825 | 94,897 | 40,057 | 50,454 |
| Georgia | 447 | 178 | 77,687 | 75,174 | 4,687 | 11,260 |
| North Carolina | 509 | 25 | 42,779 | 49,807 | 15,779 | 16,592 |
| South Carolina | 1,111 | 787 | 21,842 | 24,417 | 6,477 | 7,824 |
| Virginia | 1,759 | 1,354 | 35,429 | 33,457 | 14,013 | 15,509 |
| West Virginia | 8,406 | 3,267 | 6,601 | 5,788 | 10,841 | 5,685 |
| **PAD District II Total** | **74,583** | **60,905** | **1,550,674** | **1,595,064** | **127,744** | **144,946** |
| Illinois | 14,243 | 7,885 | 186,381 | 197,714 | 25,034 | 26,655 |
| Indiana | 959 | 1,348 | 97,677 | 88,937 | 16,480 | 17,145 |
| Iowa | 390 | 57 | 189,935 | 183,670 | 3,758 | 7,762 |
| Kansas | 7,435 | 8,083 | 142,864 | 153,373 | 2,278 | 5,652 |
| Kentucky | 652 | 600 | 54,981 | 46,076 | 8,738 | 7,866 |
| Michigan | 2,311 | 4,056 | 79,868 | 78,681 | 25,663 | 30,715 |
| Minnesota | 360 | 536 | 155,807 | 161,127 | 5,957 | 7,596 |
| Missouri | 584 | 486 | 62,581 | 78,460 | 10,104 | 8,635 |
| Nebraska | 682 | 479 | 151,390 | 166,328 | 2,105 | 582 |
| North Dakota | 6,580 | 2,809 | 93,544 | 86,453 | 1,491 | 1,799 |
| Ohio | 11,174 | 7,892 | 76,575 | 79,411 | 20,351 | 18,186 |
| Oklahoma | 27,857 | 24,877 | 44,404 | 53,994 | 154 | 59 |
| South Dakota | 14 | 12 | 90,031 | 95,681 | 64 | 1,139 |
| Tennessee | 985 | 1,029 | 41,360 | 39,254 | 3,524 | 2,558 |
| Wisconsin | 359 | 757 | 83,276 | 85,905 | 2,041 | 8,596 |
| **PAD District III Total** | **411,343** | **423,412** | **510,788** | **570,219** | **54,628** | **64,493** |
| Alabama | 2,030 | 1,361 | 26,662 | 23,401 | 7,429 | 6,488 |
| Arkansas | 2,521 | 731 | 84,291 | 96,765 | 9,533 | 9,993 |
| Louisiana | 162,442 | 190,105 | 110,333 | 112,009 | 5,666 | 12,016 |
| Mississippi | 24,679 | 25,378 | 76,472 | 77,054 | 963 | 3,925 |
| New Mexico | 10,164 | 10,527 | 17,538 | 16,990 | 1,147 | 348 |
| Texas | 209,506 | 195,309 | 195,492 | 244,000 | 29,891 | 31,723 |
| **PAD District IV Total** | **27,001** | **18,462** | **162,920** | **174,022** | **17,049** | **13,048** |
| Colorado | 4,387 | 3,910 | 50,349 | 56,167 | 3,781 | 2,779 |
| Idaho | 85 | 84 | 55,973 | 59,675 | 181 | 43 |
| Montana | 1,518 | 932 | 34,984 | 33,823 | 1,349 | 939 |
| Utah | 3,125 | 1,404 | 9,892 | 15,157 | 7,707 | 3,948 |
| Wyoming | 17,885 | 12,132 | 11,722 | 9,200 | 4,032 | 5,339 |
| **PAD District V Total** | **59,645** | **79,985** | **318,698** | **364,262** | **86,264** | **119,336** |
| Alaska | 7,745 | 39,515 | 63 | 331 | 22,413 | 31,379 |
| Arizona | 144 | 213 | 23,301 | 20,725 | 3,119 | 4,494 |
| California | 47,134 | 37,053 | 194,178 | 235,378 | 10,617 | 25,671 |
| Hawaii | 2,733 | 1,647 | 16,790 | 17,100 | 47,531 | 54,780 |
| Nevada | 543 | 152 | 5,243 | 7,724 | 1,232 | 1,591 |
| Oregon | 496 | 573 | 36,812 | 45,487 | 83 | 420 |
| Washington | 851 | 831 | 42,310 | 37,518 | 1,268 | 999 |

See footnotes at end of table.

# Table A4. Sales of Distillate Fuel Oil by End Use, 1987 and 1988—Continued
(Thousand Gallons)

| Destination | Railroad | | Vessel Bunkering | | On-Highway | |
|---|---|---|---|---|---|---|
| | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 |
| **U.S. Total** | **2,850,159** | **3,095,736** | **1,864,992** | **1,991,773** | **18,172,934** | **20,038,691** |
| **PAD District I Total** | **564,295** | **614,324** | **567,630** | **534,979** | **6,049,931** | **6,712,224** |
| **Subdistrict IA Total** | **14,942** | **17,960** | **64,134** | **52,628** | **789,600** | **836,650** |
| Connecticut | 159 | 140 | 1,872 | 7,636 | 188,172 | 212,589 |
| Maine | 8,011 | 8,747 | 2,927 | 10,478 | 157,344 | 175,344 |
| Massachusetts | 3,805 | 5,496 | 55,737 | 32,197 | 282,982 | 293,007 |
| New Hampshire | 424 | 139 | 857 | 584 | 54,975 | 58,051 |
| Rhode Island | 80 | 336 | 2,382 | 1,334 | 55,520 | 43,741 |
| Vermont | 2,462 | 3,102 | 359 | 400 | 50,607 | 53,918 |
| **Subdistrict IB Total** | **156,154** | **203,260** | **228,037** | **203,831** | **2,319,009** | **2,497,825** |
| Delaware | 82 | 1,666 | 6,405 | 4,164 | 58,756 | 55,412 |
| District of Columbia | 364 | 3,917 | 33 | 39 | 21,822 | 23,033 |
| Maryland | 27,211 | 30,833 | 10,489 | 9,242 | 289,433 | 299,521 |
| New Jersey | 34,302 | 49,332 | 134,854 | 149,331 | 446,805 | 477,858 |
| New York | 28,100 | 35,473 | 39,790 | 12,422 | 633,543 | 713,826 |
| Pennsylvania | 66,095 | 82,038 | 36,466 | 28,633 | 868,650 | 928,175 |
| **Subdistrict IC Total** | **393,199** | **393,104** | **275,459** | **278,520** | **2,941,322** | **3,377,749** |
| Florida | 109,315 | 93,617 | 141,047 | 119,900 | 654,444 | 832,093 |
| Georgia | 80,318 | 82,614 | 10,326 | 28,145 | 772,080 | 831,267 |
| North Carolina | 51,771 | 52,122 | 10,644 | 9,806 | 580,195 | 711,035 |
| South Carolina | 34,676 | 35,308 | 17,602 | 10,169 | 282,618 | 310,365 |
| Virginia | 105,996 | 117,410 | 42,924 | 59,569 | 501,785 | 532,848 |
| West Virginia | 11,123 | 12,033 | 52,915 | 50,931 | 150,200 | 160,141 |
| **PAD District II Total** | **1,108,096** | **1,231,924** | **277,514** | **308,552** | **6,226,136** | **6,645,800** |
| Illinois | 106,447 | 86,536 | 21,216 | 26,588 | 724,982 | 771,386 |
| Indiana | 168,108 | 185,097 | 12,982 | 11,467 | 698,704 | 628,647 |
| Iowa | 38,202 | 35,603 | 1,321 | 1,673 | 322,226 | 333,931 |
| Kansas | 134,240 | 143,757 | - | - | 351,717 | 331,926 |
| Kentucky | 110,530 | 116,399 | 92,278 | 88,945 | 356,046 | 512,517 |
| Michigan | 46,569 | 41,372 | 4,251 | 10,847 | 511,402 | 526,217 |
| Minnesota | 36,968 | 40,808 | 1,546 | 1,219 | 313,255 | 331,701 |
| Missouri | 27,449 | 33,649 | 41,996 | 49,002 | 487,063 | 535,424 |
| Nebraska | 114,566 | 154,686 | - | - | 201,094 | 217,014 |
| North Dakota | 33,652 | 37,673 | 605 | - | 88,184 | 89,873 |
| Ohio | 123,495 | 144,208 | 2,001 | 4,402 | 751,521 | 861,428 |
| Oklahoma | 50,253 | 63,462 | 1,645 | 385 | 383,820 | 394,165 |
| South Dakota | 1,533 | 1,678 | - | - | 89,852 | 91,906 |
| Tennessee | 80,618 | 89,022 | 88,996 | 107,929 | 562,038 | 578,829 |
| Wisconsin | 35,465 | 57,973 | 8,676 | 6,094 | 384,232 | 440,836 |
| **PAD District III Total** | **525,909** | **567,356** | **550,382** | **598,947** | **2,869,395** | **3,012,582** |
| Alabama | 62,627 | 63,273 | 41,103 | 41,156 | 404,744 | 480,340 |
| Arkansas | 26,364 | 20,730 | 443 | 162 | 322,040 | 346,026 |
| Louisiana | 61,998 | 69,835 | 256,908 | 318,200 | 344,059 | 383,054 |
| Mississippi | 11,262 | 14,784 | 39,766 | 66,241 | 289,999 | 302,361 |
| New Mexico | 44,796 | 44,311 | - | - | 189,499 | 204,734 |
| Texas | 318,862 | 354,424 | 212,162 | 173,189 | 1,319,054 | 1,296,067 |
| **PAD District IV Total** | **216,239** | **285,616** | **85** | **73** | **716,968** | **725,429** |
| Colorado | 54,533 | 66,576 | - | - | 184,224 | 188,922 |
| Idaho | 18,132 | 22,589 | 85 | 73 | 102,878 | 99,626 |
| Montana | 60,824 | 56,648 | - | - | 106,998 | 115,899 |
| Utah | 31,268 | 33,422 | - | - | 140,894 | 149,108 |
| Wyoming | 51,482 | 106,380 | - | - | 181,974 | 171,874 |
| **PAD District V Total** | **435,620** | **396,516** | **469,381** | **549,222** | **2,310,504** | **2,942,656** |
| Alaska | 3,555 | 2,889 | 59,156 | 58,520 | 61,624 | 83,235 |
| Arizona | 33,901 | 22,588 | - | - | 269,026 | 299,981 |
| California | 214,816 | 184,690 | 250,356 | 341,991 | 1,256,749 | 1,760,085 |
| Hawaii | 36 | 18 | 32,488 | 55,937 | 20,219 | 21,935 |
| Nevada | 34,447 | 28,358 | - | - | 119,411 | 118,022 |
| Oregon | 93,760 | 86,683 | 29,445 | 30,547 | 269,015 | 302,381 |
| Washington | 55,105 | 71,290 | 97,936 | 62,226 | 314,460 | 357,017 |

See footnotes at end of table.

# Table A4. Sales of Distillate Fuel Oil by End Use, 1987 and 1988—Continued
(Thousand Gallons)

| Destination | Military | | Off-Highway | | All Other | | Total | |
|---|---|---|---|---|---|---|---|---|
| | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 |
| **U.S. Total** | **712,822** | **830,614** | **1,559,873** | **1,671,387** | **76,615** | **67,435** | **44,719,327** | **47,576,811** |
| **PAD District I Total** | **167,629** | **203,769** | **430,098** | **471,882** | **27,099** | **17,975** | **18,994,824** | **19,973,062** |
| **Subdistrict IA Total** | **15,745** | **15,731** | **62,020** | **72,964** | **1,712** | **766** | **4,037,250** | **4,151,915** |
| Connecticut | 4,379 | 1,483 | 13,335 | 13,653 | 1,095 | 319 | 969,746 | 1,059,052 |
| Maine | 2,046 | 2,619 | 15,318 | 22,770 | 155 | - | 542,078 | 627,050 |
| Massachusetts | 6,283 | 4,377 | 16,676 | 20,040 | 212 | 75 | 1,701,911 | 1,660,522 |
| New Hampshire | 1,060 | 86 | 10,378 | 6,947 | 8 | - | 348,002 | 314,984 |
| Rhode Island | 1,151 | 6,460 | 1,216 | 1,136 | 89 | 210 | 277,753 | 277,252 |
| Vermont | 826 | 705 | 5,095 | 8,417 | 153 | 162 | 197,759 | 213,055 |
| **Subdistrict IB Total** | **67,385** | **41,008** | **139,857** | **153,090** | **7,085** | **3,735** | **8,957,751** | **9,309,668** |
| Delaware | 1,392 | 37 | 3,305 | 3,847 | - | 107 | 179,705 | 173,344 |
| District of Columbia | 11,905 | 10,046 | 185 | 92 | 15 | - | 114,338 | 141,939 |
| Maryland | 15,168 | 4,468 | 20,115 | 17,362 | 4,499 | 3,081 | 799,174 | 812,606 |
| New Jersey | 9,385 | 6,830 | 25,625 | 32,246 | 588 | 36 | 1,967,546 | 2,077,454 |
| New York | 4,269 | 14,337 | 47,002 | 47,707 | 532 | 298 | 3,327,374 | 3,468,143 |
| Pennsylvania | 25,267 | 5,290 | 43,625 | 51,836 | 1,451 | 213 | 2,569,614 | 2,636,180 |
| **Subdistrict IC Total** | **84,499** | **147,030** | **228,221** | **245,828** | **18,302** | **13,474** | **5,999,823** | **6,511,480** |
| Florida | 36,732 | 32,711 | 80,682 | 63,841 | 663 | 1,693 | 1,435,259 | 1,511,962 |
| Georgia | 11,064 | 13,739 | 37,541 | 40,242 | 5,478 | 4,735 | 1,110,630 | 1,199,080 |
| North Carolina | 5,536 | 4,898 | 36,422 | 32,337 | 5,991 | 3,161 | 1,249,059 | 1,393,036 |
| South Carolina | 2,746 | 3,662 | 18,692 | 28,340 | 2,548 | 1,452 | 516,634 | 550,915 |
| Virginia | 28,044 | 91,454 | 31,888 | 60,282 | 3,622 | 2,401 | 1,292,536 | 1,459,236 |
| West Virginia | 377 | 566 | 22,996 | 20,787 | - | 32 | 395,705 | 397,251 |
| **PAD District II Total** | **57,600** | **53,071** | **435,862** | **433,175** | **35,688** | **42,684** | **12,793,250** | **13,392,376** |
| Illinois | 932 | 1,965 | 64,369 | 59,218 | 2,024 | 3,706 | 1,475,640 | 1,436,477 |
| Indiana | 4,940 | 4,215 | 14,475 | 18,775 | 4,690 | 3,344 | 1,348,053 | 1,215,244 |
| Iowa | 335 | 115 | 14,235 | 18,128 | 2,035 | 2,979 | 680,546 | 683,668 |
| Kansas | 3,966 | 2,036 | 22,760 | 17,910 | 1,479 | 1,587 | 700,519 | 697,397 |
| Kentucky | 6,452 | 11,286 | 23,279 | 22,248 | 1,727 | 752 | 880,375 | 1,048,070 |
| Michigan | 8,807 | 3,370 | 48,955 | 51,988 | 3,275 | 2,292 | 1,106,159 | 1,193,926 |
| Minnesota | 2,598 | 2,828 | 18,609 | 24,719 | 3,172 | 2,219 | 797,899 | 856,779 |
| Missouri | 7,433 | 6,597 | 35,902 | 38,816 | 3,892 | 7,101 | 830,915 | 899,422 |
| Nebraska | 1,362 | 1,489 | 19,323 | 18,921 | 260 | - | 520,436 | 586,714 |
| North Dakota | 2,715 | 2,620 | 6,011 | 5,720 | 422 | 80 | 295,109 | 289,388 |
| Ohio | 10,599 | 9,418 | 30,398 | 29,020 | 1,486 | 374 | 1,433,544 | 1,568,092 |
| Oklahoma | 2,210 | 2,522 | 32,069 | 29,393 | 4,988 | 4,827 | 590,008 | 628,127 |
| South Dakota | 2,267 | 763 | 12,792 | 12,218 | 286 | 352 | 260,005 | 268,091 |
| Tennessee | 1,678 | 1,102 | 68,454 | 62,679 | 1,117 | 1,292 | 957,773 | 986,638 |
| Wisconsin | 1,308 | 2,746 | 24,232 | 23,422 | 4,835 | 11,779 | 916,270 | 1,034,341 |
| **PAD District III Total** | **226,270** | **256,918** | **272,870** | **318,345** | **5,409** | **5,534** | **6,074,378** | **6,343,873** |
| Alabama | 4,124 | 3,059 | 30,563 | 33,478 | 1,051 | 2,255 | 665,738 | 741,394 |
| Arkansas | 1,081 | 1,555 | 19,427 | 19,505 | 532 | 1,760 | 489,074 | 516,794 |
| Louisiana | 38,491 | 13,209 | 40,835 | 47,184 | 1,432 | 188 | 1,102,045 | 1,203,045 |
| Mississippi | 41,851 | 73,503 | 25,337 | 21,278 | 1,038 | 554 | 547,522 | 622,574 |
| New Mexico | 4,260 | 1,186 | 14,111 | 22,168 | 85 | 0 | 362,186 | 360,304 |
| Texas | 136,463 | 164,407 | 142,596 | 174,734 | 1,270 | 776 | 2,907,813 | 2,899,763 |
| **PAD District IV Total** | **14,473** | **14,074** | **86,369** | **103,898** | **5,100** | **370** | **1,507,173** | **1,629,278** |
| Colorado | 10,146 | 7,660 | 24,724 | 39,012 | 285 | 29 | 387,839 | 446,506 |
| Idaho | 2,394 | 2,295 | 16,086 | 15,356 | 255 | - | 248,339 | 257,514 |
| Montana | 381 | 434 | 10,997 | 10,089 | 127 | 192 | 256,091 | 251,770 |
| Utah | 1,150 | 3,430 | 14,555 | 19,222 | 296 | - | 268,243 | 294,032 |
| Wyoming | 402 | 255 | 20,007 | 20,219 | 4,136 | 149 | 346,661 | 379,456 |
| **PAD District V Total** | **246,849** | **302,781** | **334,674** | **344,087** | **3,320** | **871** | **5,349,701** | **6,238,223** |
| Alaska | 22,964 | 16,224 | 21,460 | 12,800 | 189 | 37 | 298,029 | 354,283 |
| Arizona | 1,183 | 1,223 | 29,576 | 23,360 | 77 | - | 411,645 | 426,155 |
| California | 194,272 | 204,777 | 167,579 | 192,850 | 1,363 | 749 | 2,815,850 | 3,435,959 |
| Hawaii | 11,071 | 50,511 | 3,567 | 6,677 | - | - | 155,364 | 236,478 |
| Nevada | 1,636 | 4,553 | 21,473 | 30,296 | 381 | 31 | 250,218 | 272,814 |
| Oregon | 2,708 | 1,284 | 42,000 | 40,108 | 206 | - | 619,053 | 664,819 |
| Washington | 13,015 | 24,210 | 49,020 | 37,995 | 1,104 | 55 | 799,541 | 847,714 |

Dashes (-) = No data reported.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1987 and 1988.
• On-Highway Diesel data are obtained from information on highway use of special fuels gathered by the Federal Highway Administration.

# Table A5. Sales of Residual Fuel Oil by End Use, 1987 and 1988
(Thousand Gallons)

| Destination | Commercial | | Industrial | | Oil Company | | Electric Utility | |
|---|---|---|---|---|---|---|---|---|
| | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 |
| **U.S. Total** | **1,877,933** | **1,927,533** | **3,324,337** | **3,239,538** | **669,176** | **548,930** | **8,237,163** | **9,464,457** |
| **PAD District I Total** | **1,540,084** | **1,546,491** | **2,028,338** | **1,940,369** | **81,196** | **100,888** | **7,481,844** | **7,984,066** |
| **Subdistrict IA Total** | **250,888** | **347,441** | **691,251** | **551,326** | **-** | **299** | **2,607,874** | **2,322,851** |
| Connecticut | 56,898 | 60,448 | 86,550 | 92,559 | - | 299 | 838,173 | 701,259 |
| Maine | 30,882 | 83,327 | 182,420 | 220,549 | - | - | 178,561 | 182,772 |
| Massachusetts | 124,557 | 151,871 | 312,118 | 161,998 | - | - | 1,422,552 | 1,210,192 |
| New Hampshire | 12,334 | 21,634 | 62,961 | 40,293 | - | - | 134,434 | 198,125 |
| Rhode Island | 22,218 | 27,477 | 36,551 | 28,079 | - | - | 34,155 | 30,503 |
| Vermont | 3,998 | 2,684 | 10,653 | 7,848 | - | - | - | - |
| **Subdistrict IB Total** | **1,109,494** | **1,031,628** | **733,085** | **645,941** | **73,484** | **94,555** | **3,371,014** | **3,927,926** |
| Delaware | 7,255 | 7,874 | 33,776 | 30,762 | 7,064 | 18,913 | 105,589 | 130,677 |
| District of Columbia | 35,930 | 9,843 | - | - | - | - | - | - |
| Maryland | 79,893 | 31,868 | 32,861 | 43,122 | 2,211 | 3,854 | 194,832 | 213,148 |
| New Jersey | 104,399 | 126,511 | 264,276 | 225,630 | 2,015 | 7,718 | 345,205 | 560,546 |
| New York | 829,516 | 804,690 | 220,412 | 212,668 | 1,601 | 1,233 | 2,273,277 | 2,621,013 |
| Pennsylvania | 52,502 | 50,841 | 181,760 | 133,759 | 60,594 | 62,836 | 452,112 | 402,541 |
| **Subdistrict IC Total** | **179,702** | **167,422** | **604,003** | **743,102** | **7,712** | **6,034** | **1,502,956** | **1,733,289** |
| Florida | 88,564 | 93,319 | 77,805 | 176,694 | 24 | 211 | 1,269,029 | 1,597,555 |
| Georgia | 43,450 | 33,976 | 63,481 | 75,623 | 449 | 740 | 7,087 | 3,081 |
| North Carolina | 2,748 | 12,506 | 240,937 | 237,856 | 2,114 | 2,186 | - | - |
| South Carolina | 1,479 | 2,071 | 80,153 | 108,659 | - | 123 | - | - |
| Virginia | 43,301 | 17,890 | 122,506 | 125,939 | 789 | 782 | 226,841 | 132,653 |
| West Virginia | 161 | 7,659 | 19,121 | 18,331 | 4,336 | 1,993 | - | - |
| **PAD District II Total** | **82,147** | **86,758** | **488,797** | **521,102** | **161,967** | **173,635** | **195,815** | **205,652** |
| Illinois | 39,819 | 25,647 | 79,437 | 78,304 | 39,208 | 53,427 | 144,233 | 87,414 |
| Indiana | 12,160 | 10,666 | 75,798 | 64,560 | 64,129 | 56,679 | - | - |
| Iowa | 776 | 874 | 4,001 | 10,548 | - | - | - | - |
| Kansas | 13 | 33 | 9,595 | 22,289 | 4,701 | 8,245 | - | 850 |
| Kentucky | 37 | 1,708 | 27,645 | 14,110 | 9,551 | 9,384 | - | - |
| Michigan | 5,867 | 8,527 | 77,285 | 85,576 | 10,706 | 9,818 | 30,855 | 84,071 |
| Minnesota | 5,633 | 13,134 | 37,551 | 31,428 | 9,203 | 11,279 | - | 18 |
| Missouri | 5,219 | 4,465 | 23,357 | 23,536 | - | - | 11,866 | 10,019 |
| Nebraska | 12 | 581 | 8,964 | 14,265 | 17 | - | 5,447 | 4,360 |
| North Dakota | 1,458 | 2,046 | 4,746 | 5,708 | 8,176 | 7,735 | 310 | 148 |
| Ohio | 2,169 | 3,495 | 71,630 | 92,653 | 11,757 | 10,890 | 3,104 | 18,772 |
| Oklahoma | 711 | 254 | 13,736 | 28,835 | - | - | - | - |
| South Dakota | 321 | 982 | 2,023 | 2,314 | - | - | - | - |
| Tennessee | 2,897 | 3,369 | 10,837 | 15,540 | 227 | 258 | - | - |
| Wisconsin | 5,055 | 10,977 | 42,192 | 31,436 | 4,293 | 5,920 | - | - |
| **PAD District III Total** | **52,793** | **65,630** | **167,462** | **223,960** | **7,222** | **2,544** | **8,814** | **70,588** |
| Alabama | 16,719 | 31,327 | 23,825 | 29,996 | 819 | 1,002 | - | - |
| Arkansas | - | - | 11,584 | 9,731 | - | - | 168 | 5,691 |
| Louisiana | 11,681 | 9,515 | 91,995 | 124,987 | 1,603 | 668 | 879 | 9,244 |
| Mississippi | 993 | 717 | 2,780 | 29,782 | - | - | 6,239 | 46,169 |
| New Mexico | - | - | 2,468 | 3,466 | 17 | - | 590 | 1,418 |
| Texas | 23,401 | 24,072 | 34,810 | 25,998 | 4,783 | 874 | 938 | 8,066 |
| **PAD District IV Total** | **7,218** | **8,037** | **9,360** | **12,127** | **8,465** | **16,514** | **-** | **146** |
| Colorado | - | - | 1,505 | 234 | - | - | - | 50 |
| Idaho | 421 | 300 | 2,363 | 2,198 | - | - | - | - |
| Montana | 561 | 388 | 425 | 1,277 | - | 8,141 | - | - |
| Utah | 4,931 | 2,089 | 4,399 | 5,683 | 6,261 | 5,013 | - | - |
| Wyoming | 1,306 | 5,260 | 668 | 2,736 | 2,205 | 3,360 | - | 96 |
| **PAD District V Total** | **195,691** | **220,616** | **630,380** | **541,980** | **410,325** | **255,349** | **550,690** | **1,204,004** |
| Alaska | 85,716 | 13,726 | 44,556 | - | - | - | - | 138 |
| Arizona | - | 41 | 764 | 1,386 | - | - | 360 | 1,101 |
| California | 41,404 | 36,488 | 277,768 | 191,576 | 359,048 | 197,241 | 66,861 | 668,488 |
| Hawaii | 56,100 | 145,693 | 7,222 | 6,055 | 34,701 | 39,586 | 467,729 | 496,185 |
| Nevada | 478 | 243 | 2,827 | 4,550 | 1,087 | 932 | 15,178 | 38,093 |
| Oregon | 9,594 | 14,681 | 67,825 | 68,722 | 1,049 | 2,445 | - | - |
| Washington | 2,398 | 9,746 | 229,420 | 269,690 | 14,440 | 15,145 | 561 | - |

See footnotes at end of table.

# Table A5. Sales of Residual Fuel Oil by End Use, 1987 and 1988—Continued
(Thousand Gallons)

| Destination | Railroad | | Vessel Bunkering | | Military | | All Other | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 |
| **U.S. Total** | **430** | **32** | **6,105,089** | **6,354,536** | **152,028** | **125,318** | **47,966** | **58,880** | **20,414,122** | **21,719,226** |
| **PAD District I Total** | **426** | **-** | **1,521,614** | **1,410,904** | **142,079** | **96,270** | **8,272** | **4,719** | **12,803,853** | **13,083,707** |
| **Subdistrict IA Total** | **397** | **-** | **17,538** | **51,996** | **24,968** | **21,752** | **-** | **-** | **3,592,916** | **3,295,666** |
| Connecticut | - | - | 366 | 1,325 | 2,776 | 4,495 | - | - | 984,763 | 860,385 |
| Maine | 397 | - | 211 | 18,545 | 1,707 | - | - | - | 394,178 | 505,193 |
| Massachusetts | - | - | 16,493 | 24,651 | 3,568 | 5,281 | - | - | 1,879,288 | 1,553,993 |
| New Hampshire | - | - | 28 | 672 | 9,906 | 5,808 | - | - | 219,663 | 266,532 |
| Rhode Island | - | - | 439 | 6,803 | 6,904 | 6,169 | - | - | 100,267 | 99,031 |
| Vermont | - | - | - | - | 106 | - | - | - | 14,757 | 10,533 |
| **Subdistrict IB Total** | **-** | **-** | **967,620** | **829,599** | **54,238** | **43,317** | **7,860** | **4,205** | **6,316,795** | **6,577,171** |
| Delaware | - | - | 51,330 | 38,735 | 1,192 | - | - | - | 206,206 | 226,961 |
| District of Columbia | - | - | - | - | - | 455 | - | - | 35,930 | 10,298 |
| Maryland | - | - | 57,248 | 94,942 | 33,718 | 21,592 | - | - | 400,762 | 408,527 |
| New Jersey | - | - | 519,742 | 332,802 | 5,921 | 6,317 | 1,303 | 86 | 1,242,861 | 1,259,611 |
| New York | - | - | 84,545 | 123,456 | 10,485 | 12,143 | 6,557 | 4,119 | 3,426,393 | 3,779,323 |
| Pennsylvania | - | - | 254,755 | 239,664 | 2,922 | 2,810 | - | - | 1,004,644 | 892,451 |
| **Subdistrict IC Total** | **29** | **-** | **536,455** | **529,309** | **62,873** | **31,200** | **413** | **513** | **2,894,142** | **3,210,870** |
| Florida | - | - | 362,533 | 355,522 | 40,644 | 8,650 | 151 | 246 | 1,838,749 | 2,232,197 |
| Georgia | - | - | 20,668 | 18,274 | 1,116 | 1,628 | - | - | 136,251 | 133,323 |
| North Carolina | - | - | 20,634 | 8,913 | 7,694 | 9,504 | 262 | 267 | 274,389 | 271,232 |
| South Carolina | - | - | 24,650 | 29,307 | 1,022 | 4,892 | - | - | 107,304 | 145,052 |
| Virginia | 29 | - | 107,970 | 117,293 | 12,396 | 6,526 | 0 | - | 513,832 | 401,083 |
| West Virginia | - | - | - | - | - | - | - | - | 23,617 | 27,982 |
| **PAD District II Total** | **4** | **32** | **12,238** | **24,593** | **1,259** | **4,492** | **1,380** | **240** | **943,607** | **1,016,504** |
| Illinois | - | - | 4,461 | 15,351 | - | 142 | - | 39 | 307,159 | 260,322 |
| Indiana | - | - | 4,923 | 6,831 | - | - | - | - | 157,010 | 138,736 |
| Iowa | - | - | - | - | 349 | - | - | - | 5,126 | 11,423 |
| Kansas | - | - | - | - | - | - | - | - | 14,309 | 31,419 |
| Kentucky | - | - | - | - | - | - | - | - | 37,233 | 25,202 |
| Michigan | - | - | 1,319 | 1,315 | 910 | - | 41 | - | 126,984 | 189,307 |
| Minnesota | - | 11 | 174 | 306 | - | - | 193 | 185 | 52,753 | 56,361 |
| Missouri | - | 21 | - | - | - | 3,850 | - | - | 40,442 | 41,891 |
| Nebraska | 4 | - | - | - | - | - | 10 | 16 | 14,454 | 19,221 |
| North Dakota | - | - | - | - | - | - | 1,136 | - | 15,825 | 15,637 |
| Ohio | - | - | 1,339 | 524 | - | - | - | - | 89,998 | 126,333 |
| Oklahoma | - | - | - | - | - | - | - | - | 14,447 | 29,089 |
| South Dakota | - | - | - | - | - | - | - | - | 2,345 | 3,297 |
| Tennessee | - | - | 21 | 66 | - | 500 | - | - | 13,982 | 19,734 |
| Wisconsin | - | - | - | 200 | - | - | - | - | 51,539 | 48,533 |
| **PAD District III Total** | **-** | **-** | **1,940,045** | **2,167,731** | **461** | **3,918** | **20,911** | **20,886** | **2,197,708** | **2,555,259** |
| Alabama | - | - | 64,603 | 90,239 | 461 | 26 | - | - | 106,427 | 152,590 |
| Arkansas | - | - | - | - | - | - | - | - | 11,752 | 15,422 |
| Louisiana | - | - | 943,363 | 1,024,105 | - | 3,892 | 1,790 | 1,656 | 1,051,311 | 1,174,067 |
| Mississippi | - | - | 79,196 | 77,565 | - | - | - | - | 89,208 | 154,233 |
| New Mexico | - | - | - | - | - | - | - | - | 3,075 | 4,885 |
| Texas | - | - | 852,882 | 975,822 | - | - | 19,122 | 19,230 | 935,936 | 1,054,063 |
| **PAD District IV Total** | **-** | **-** | **-** | **-** | **-** | **-** | **1,015** | **40** | **26,058** | **36,865** |
| Colorado | - | - | - | - | - | - | - | - | 1,505 | 284 |
| Idaho | - | - | - | - | - | - | - | - | 2,784 | 2,498 |
| Montana | - | - | - | - | - | - | 13 | - | 999 | 9,806 |
| Utah | - | - | - | - | - | - | - | - | 15,591 | 12,785 |
| Wyoming | - | - | - | - | - | - | 1,002 | 40 | 5,180 | 11,492 |
| **PAD District V Total** | **-** | **-** | **2,631,193** | **2,751,307** | **8,229** | **20,639** | **16,387** | **32,996** | **4,442,895** | **5,026,891** |
| Alaska | - | - | 5,150 | 6,199 | - | - | - | - | 135,422 | 20,063 |
| Arizona | - | - | - | - | - | - | - | - | 1,123 | 2,528 |
| California | - | - | 2,083,969 | 2,070,421 | 3,926 | 6,538 | - | - | 2,832,977 | 3,170,751 |
| Hawaii | - | - | 46,336 | 69,524 | 925 | 2,913 | 16,288 | 32,748 | 629,302 | 792,704 |
| Nevada | - | - | - | - | - | - | - | - | 19,570 | 43,818 |
| Oregon | - | - | 141,772 | 186,730 | 2,093 | 215 | - | 36 | 222,333 | 272,829 |
| Washington | - | - | 353,965 | 418,433 | 1,285 | 10,973 | 99 | 211 | 602,167 | 724,198 |

Dashes (-) = No data reported.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1987 and 1988.

# Table A6. Sales of Kerosene by End Use, 1987 and 1988
(Thousand Gallons)

| Destination | Residential | | Commercial | | Industrial | |
|---|---|---|---|---|---|---|
| | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 |
| **U.S. Total** | **879,406** | **1,063,187** | **360,413** | **193,476** | **86,020** | **117,858** |
| **PAD District I Total** | **727,776** | **871,767** | **84,863** | **97,284** | **34,964** | **85,319** |
| **Subdistrict IA Total** | **97,530** | **97,763** | **11,666** | **17,057** | **3,184** | **15,126** |
| Connecticut | 17,071 | 16,911 | 4,688 | 2,790 | 965 | 10,482 |
| Maine | 26,478 | 32,951 | 1,735 | 6,692 | 121 | 745 |
| Massachusetts | 22,259 | 12,581 | 2,100 | 2,964 | 1,077 | 1,731 |
| New Hampshire | 16,921 | 18,378 | 1,531 | 1,831 | 912 | 292 |
| Rhode Island | 4,268 | 4,022 | 227 | 115 | 80 | 0 |
| Vermont | 10,534 | 12,920 | 1,384 | 2,665 | 29 | 1,875 |
| **Subdistrict IB Total** | **309,039** | **385,665** | **33,384** | **35,217** | **17,258** | **50,388** |
| Delaware | 14,165 | 12,737 | 699 | 1,128 | 81 | 103 |
| District of Columbia | 449 | 355 | 23 | 179 | 40 | 12 |
| Maryland | 47,692 | 55,287 | 966 | 2,659 | 398 | 4,468 |
| New Jersey | 21,536 | 19,809 | 4,591 | 4,881 | 5,794 | 4,802 |
| New York | 134,915 | 174,851 | 13,347 | 8,709 | 1,666 | 31,438 |
| Pennsylvania | 90,281 | 122,626 | 13,757 | 17,663 | 9,278 | 9,566 |
| **Subdistrict IC Total** | **321,208** | **388,338** | **39,813** | **45,009** | **14,522** | **19,804** |
| Florida | 26,478 | 27,477 | 19,600 | 17,557 | 183 | 1,726 |
| Georgia | 5,455 | 8,637 | 1,424 | 890 | 517 | 1,551 |
| North Carolina | 134,796 | 171,310 | 5,773 | 10,794 | 6,817 | 7,788 |
| South Carolina | 48,476 | 53,779 | 2,212 | 1,089 | 3,387 | 4,690 |
| Virginia | 91,616 | 110,432 | 8,293 | 11,350 | 1,291 | 2,248 |
| West Virginia | 14,388 | 16,702 | 2,511 | 3,330 | 2,328 | 1,802 |
| **PAD District II Total** | **134,695** | **170,181** | **22,589** | **37,546** | **25,405** | **20,385** |
| Illinois | 6,280 | 9,100 | 1,754 | 2,481 | 3,513 | 1,884 |
| Indiana | 16,946 | 21,781 | 2,079 | 3,294 | 4,264 | 3,096 |
| Iowa | 2,414 | 3,276 | 250 | 211 | 52 | 172 |
| Kansas | 781 | 844 | 645 | 402 | 107 | 76 |
| Kentucky | 18,714 | 27,080 | 2,818 | 6,019 | 4,769 | 6,593 |
| Michigan | 13,654 | 16,787 | 618 | 785 | 2,324 | 2,165 |
| Minnesota | 3,140 | 4,828 | 227 | 200 | 30 | 47 |
| Missouri | 2,240 | 2,442 | 262 | 683 | 59 | 250 |
| Nebraska | 551 | 677 | 181 | 81 | 2,695 | 41 |
| North Dakota | 239 | 327 | 48 | 46 | - | 0 |
| Ohio | 45,010 | 52,859 | 7,934 | 11,099 | 3,255 | 4,099 |
| Oklahoma | 916 | 1,047 | 221 | 1,799 | 1,253 | 244 |
| South Dakota | 619 | 575 | 27 | 10 | 2 | 6 |
| Tennessee | 18,935 | 26,311 | 5,325 | 10,157 | 2,955 | 1,586 |
| Wisconsin | 4,256 | 2,247 | 199 | 280 | 126 | 126 |
| **PAD District III Total** | **8,371** | **11,087** | **7,484** | **8,769** | **7,048** | **6,806** |
| Alabama | 2,506 | 5,431 | 2,054 | 532 | 931 | 354 |
| Arkansas | 889 | 1,069 | 201 | 404 | 384 | 377 |
| Louisiana | 408 | 485 | 884 | 4,639 | 1,354 | 1,539 |
| Mississippi | 1,165 | 1,173 | 264 | 153 | 1,662 | 1,595 |
| New Mexico | 914 | 480 | 643 | 1,307 | 588 | 250 |
| Texas | 2,490 | 2,449 | 3,439 | 1,735 | 2,129 | 2,691 |
| **PAD District IV Total** | **1,989** | **2,055** | **2,071** | **1,017** | **424** | **1,345** |
| Colorado | 1,181 | 1,360 | 1,134 | 593 | 176 | 649 |
| Idaho | 280 | 306 | 80 | 54 | 8 | 12 |
| Montana | 58 | 59 | 1 | 1 | - | 0 |
| Utah | 377 | 265 | 760 | 202 | 85 | 547 |
| Wyoming | 93 | 64 | 96 | 165 | 155 | 136 |
| **PAD District V Total** | **6,575** | **8,098** | **243,406** | **48,860** | **18,178** | **4,003** |
| Alaska | 32 | 139 | 201,197 | 7,919 | 16 | 5 |
| Arizona | 130 | 134 | 862 | 28 | 1,097 | 2,128 |
| California | 3,439 | 4,242 | 7,060 | 3,685 | 16,013 | 1,132 |
| Hawaii | 0 | 0 | 76 | 11 | 6 | 6 |
| Nevada | 848 | 704 | 161 | 351 | 457 | 83 |
| Oregon | 424 | 400 | 220 | 372 | 42 | 58 |
| Washington | 1,701 | 2,479 | 33,830 | 36,495 | 547 | 591 |

See footnotes at end of table.

# Table A6. Sales of Kerosene by End Use, 1987 and 1988—Continued
(Thousand Gallons)

| Destination | Farm | | All Other | | Total | |
|---|---|---|---|---|---|---|
| | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 |
| **U.S. Total** | **32,025** | **33,426** | **91,641** | **70,370** | **1,449,504** | **1,478,316** |
| **PAD District I Total** | **19,515** | **20,659** | **64,983** | **51,824** | **932,102** | **1,126,852** |
| **Subdistrict IA Total** | **1,727** | **2,462** | **3,708** | **2,153** | **117,815** | **134,561** |
| Connecticut | 26 | 22 | 1,581 | 202 | 24,331 | 30,407 |
| Maine | 719 | 791 | 784 | 792 | 29,837 | 41,970 |
| Massachusetts | 8 | 11 | 730 | 288 | 26,174 | 17,575 |
| New Hampshire | 25 | 58 | 172 | 99 | 19,561 | 20,658 |
| Rhode Island | 0 | 1 | 47 | 692 | 4,622 | 4,830 |
| Vermont | 949 | 1,580 | 395 | 80 | 13,290 | 19,120 |
| **Subdistrict IB Total** | **8,473** | **6,693** | **51,183** | **35,221** | **419,337** | **513,185** |
| Delaware | 494 | 382 | 26 | 4 | 15,465 | 14,353 |
| District of Columbia | - | - | 47 | 63 | 559 | 608 |
| Maryland | 632 | 363 | 1,089 | 1,302 | 50,778 | 64,078 |
| New Jersey | 406 | 32 | 23,015 | 28,453 | 55,343 | 57,977 |
| New York | 2,411 | 4,079 | 22,294 | 1,983 | 174,634 | 221,061 |
| Pennsylvania | 4,530 | 1,836 | 4,710 | 3,416 | 122,557 | 155,107 |
| **Subdistrict IC Total** | **9,314** | **11,505** | **10,093** | **14,450** | **394,950** | **479,106** |
| Florida | 128 | 54 | 1,416 | 1,629 | 47,806 | 48,443 |
| Georgia | 1,368 | 1,883 | 484 | 1,184 | 9,248 | 14,147 |
| North Carolina | 3,789 | 5,667 | 2,634 | 6,164 | 153,809 | 201,723 |
| South Carolina | 1,061 | 1,001 | 1,943 | 1,756 | 57,079 | 62,315 |
| Virginia | 2,319 | 2,411 | 1,630 | 1,599 | 105,150 | 128,040 |
| West Virginia | 648 | 488 | 1,985 | 2,117 | 21,860 | 24,439 |
| **PAD District II Total** | **10,728** | **9,917** | **6,554** | **10,770** | **199,971** | **248,799** |
| Illinois | 900 | 843 | 288 | 404 | 12,735 | 14,711 |
| Indiana | 873 | 748 | 1,074 | 978 | 25,236 | 29,896 |
| Iowa | 1,847 | 725 | 61 | 100 | 4,624 | 4,484 |
| Kansas | 734 | 320 | 751 | 115 | 3,018 | 1,758 |
| Kentucky | 821 | 1,185 | 125 | 146 | 27,248 | 41,022 |
| Michigan | 414 | 178 | 688 | 13 | 17,697 | 19,926 |
| Minnesota | 382 | 1,215 | 31 | 149 | 3,810 | 6,439 |
| Missouri | 388 | 180 | 98 | 588 | 3,047 | 4,143 |
| Nebraska | 348 | 353 | 592 | 2,037 | 4,367 | 3,189 |
| North Dakota | 28 | 86 | 1 | 164 | 316 | 623 |
| Ohio | 3,345 | 2,978 | 1,707 | 2,162 | 61,252 | 73,197 |
| Oklahoma | 176 | 433 | 94 | 194 | 2,660 | 3,716 |
| South Dakota | 151 | 180 | 4 | 41 | 803 | 811 |
| Tennessee | 87 | 318 | 985 | 3,592 | 28,287 | 41,964 |
| Wisconsin | 235 | 175 | 54 | 90 | 4,871 | 2,918 |
| **PAD District III Total** | **857** | **1,442** | **17,174** | **7,338** | **40,934** | **35,442** |
| Alabama | 10 | 108 | 238 | 420 | 5,739 | 6,845 |
| Arkansas | 72 | 75 | 282 | 216 | 1,827 | 2,142 |
| Louisiana | 25 | 46 | 340 | 4,120 | 3,010 | 10,829 |
| Mississippi | 176 | 771 | 11 | 10 | 3,279 | 3,702 |
| New Mexico | 295 | 21 | 74 | 73 | 2,514 | 2,130 |
| Texas | 278 | 421 | 16,229 | 2,499 | 24,565 | 9,794 |
| **PAD District IV Total** | **691** | **1,159** | **835** | **69** | **6,010** | **5,645** |
| Colorado | 314 | 969 | 747 | 13 | 3,552 | 3,585 |
| Idaho | 11 | 26 | 3 | 4 | 383 | 402 |
| Montana | 276 | 102 | 3 | 0 | 339 | 163 |
| Utah | 50 | 37 | - | 17 | 1,272 | 1,069 |
| Wyoming | 40 | 25 | 81 | 35 | 464 | 427 |
| **PAD District V Total** | **234** | **248** | **2,094** | **369** | **270,487** | **61,578** |
| Alaska | - | - | 0 | 13 | 201,246 | 8,076 |
| Arizona | 10 | 9 | 3 | 42 | 2,102 | 2,340 |
| California | 194 | 112 | 2,067 | 291 | 28,774 | 9,461 |
| Hawaii | 0 | 0 | - | - | 82 | 17 |
| Nevada | 7 | 21 | 6 | 10 | 1,479 | 1,170 |
| Oregon | 3 | 6 | 15 | 8 | 704 | 844 |
| Washington | 20 | 99 | 2 | 5 | 36,100 | 39,670 |

Dashes (-) = No data reported.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1987 and 1988.
• Kerosene data are based on data from the Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1987 and 1988, (DOE/EIA-0340(87)/1 - (88)/1).

# Table A7. Sales for Residential Use: Distillate Fuel Oil and Kerosene, 1988
(Thousand Gallons)

| Destination | Distillate Fuel Oil | | | Kerosene |
|---|---|---|---|---|
| | No. 1 | No. 2 | Total | |
| **U.S. Total** | **302,430** | **8,216,429** | **8,518,859** | **1,063,187** |
| **PAD District I Total** | **49,498** | **6,793,485** | **6,842,982** | **871,767** |
| **Subdistrict IA Total** | **19,924** | **2,217,820** | **2,237,744** | **97,763** |
| Connecticut | 7,569 | 619,502 | 627,071 | 16,911 |
| Maine | 4,497 | 280,475 | 284,972 | 32,951 |
| Massachusetts | 2,280 | 882,570 | 884,850 | 12,581 |
| New Hampshire | 2,942 | 173,306 | 176,247 | 18,378 |
| Rhode Island | 1,966 | 169,977 | 171,943 | 4,022 |
| Vermont | 671 | 91,990 | 92,661 | 12,920 |
| **Subdistrict IB Total** | **14,307** | **3,866,281** | **3,880,588** | **385,665** |
| Delaware | 1,752 | 64,746 | 66,498 | 12,737 |
| District of Columbia | - | 14,089 | 14,089 | 355 |
| Maryland | 258 | 282,374 | 282,633 | 55,287 |
| New Jersey | 15 | 834,454 | 834,469 | 19,809 |
| New York | 6,287 | 1,732,414 | 1,738,701 | 174,851 |
| Pennsylvania | 5,995 | 938,203 | 944,198 | 122,626 |
| **Subdistrict IC Total** | **15,266** | **709,385** | **724,651** | **388,338** |
| Florida | 2,416 | 22,514 | 24,931 | 27,477 |
| Georgia | 408 | 11,894 | 12,302 | 8,637 |
| North Carolina | 3,922 | 269,873 | 273,796 | 171,310 |
| South Carolina | 3,076 | 50,389 | 53,464 | 53,779 |
| Virginia | 4,531 | 328,252 | 332,782 | 110,432 |
| West Virginia | 913 | 26,462 | 27,375 | 16,702 |
| **PAD District II Total** | **206,630** | **1,167,213** | **1,373,843** | **170,181** |
| Illinois | 14,424 | 78,735 | 93,160 | 9,100 |
| Indiana | 24,368 | 98,312 | 122,680 | 21,781 |
| Iowa | 9,644 | 39,341 | 48,985 | 3,276 |
| Kansas | 566 | 745 | 1,312 | 844 |
| Kentucky | 6,064 | 32,894 | 38,958 | 27,080 |
| Michigan | 39,519 | 216,011 | 255,530 | 16,787 |
| Minnesota | 37,411 | 154,714 | 192,125 | 4,828 |
| Missouri | 4,945 | 22,908 | 27,853 | 2,442 |
| Nebraska | 2,866 | 5,871 | 8,736 | 677 |
| North Dakota | 8,490 | 33,891 | 42,382 | 327 |
| Ohio | 14,366 | 190,076 | 204,442 | 52,859 |
| Oklahoma | - | 1,225 | 1,225 | 1,047 |
| South Dakota | 13,302 | 27,089 | 40,390 | 575 |
| Tennessee | 60 | 9,849 | 9,909 | 26,311 |
| Wisconsin | 30,604 | 255,552 | 286,156 | 2,247 |
| **PAD District III Total** | **191** | **2,303** | **2,493** | **11,087** |
| Alabama | 30 | 1,087 | 1,117 | 5,431 |
| Arkansas | - | 35 | 35 | 1,069 |
| Louisiana | - | 63 | 63 | 485 |
| Mississippi | 44 | 70 | 114 | 1,173 |
| New Mexico | 27 | 297 | 324 | 480 |
| Texas | 90 | 751 | 841 | 2,449 |
| **PAD District IV Total** | **11,183** | **29,206** | **40,389** | **2,055** |
| Colorado | 1,235 | 771 | 2,005 | 1,360 |
| Idaho | 4,276 | 19,059 | 23,335 | 306 |
| Montana | 4,947 | 3,949 | 8,896 | 59 |
| Utah | 318 | 4,667 | 4,985 | 265 |
| Wyoming | 407 | 760 | 1,168 | 64 |
| **PAD District V Total** | **34,929** | **224,223** | **259,151** | **8,098** |
| Alaska | 16,953 | 32,911 | 49,864 | 139 |
| Arizona | 230 | 14 | 244 | 134 |
| California | 1,247 | 7,603 | 8,851 | 4,242 |
| Hawaii | 24 | 44 | 68 | 0 |
| Nevada | 1,175 | 10,112 | 11,286 | 704 |
| Oregon | 6,760 | 64,724 | 71,483 | 400 |
| Washington | 8,540 | 108,816 | 117,356 | 2,479 |

Dashes (-) = No data reported.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1988.
• Kerosene data are based on data from the Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1988, (DOE/EIA-0340(88)/1).

# Table A8. Sales for Commercial Use: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 1988
(Thousand Gallons)

| Destination | Distillate Fuel Oil | | | | | | Residual Fuel Oil | Kerosene |
|---|---|---|---|---|---|---|---|---|
| | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate | | |
| | | No. 2 Fuel Oil | No. 2 Diesel | No. 2 Total | | | | |
| **U.S. Total** | **169,526** | **1,900,076** | **1,735,145** | **3,635,220** | **489,435** | **4,294,182** | **1,927,533** | **193,476** |
| **PAD District I Total** | **62,008** | **1,498,958** | **670,823** | **2,169,781** | **462,641** | **2,694,430** | **1,546,491** | **97,284** |
| **Subdistrict IA Total** | **10,163** | **459,151** | **91,018** | **550,169** | **99,675** | **660,007** | **347,441** | **17,057** |
| Connecticut | 2,696 | 102,547 | 17,358 | 119,905 | 21,731 | 144,332 | 60,448 | 2,790 |
| Maine | 2,792 | 72,509 | 6,949 | 79,458 | 3,114 | 85,363 | 83,327 | 6,692 |
| Massachusetts | 3,252 | 205,987 | 33,584 | 239,571 | 60,907 | 303,731 | 151,871 | 2,964 |
| New Hampshire | 361 | 27,470 | 21,212 | 48,682 | 6,012 | 55,055 | 21,634 | 1,831 |
| Rhode Island | 977 | 30,086 | 2,108 | 32,193 | 5,386 | 38,557 | 27,477 | 115 |
| Vermont | 85 | 20,553 | 9,808 | 30,360 | 2,525 | 32,970 | 2,684 | 2,665 |
| **Subdistrict IB Total** | **46,507** | **807,392** | **275,415** | **1,082,808** | **350,753** | **1,480,067** | **1,031,628** | **35,217** |
| Delaware | 263 | 12,614 | 4,388 | 17,003 | 1,371 | 18,637 | 7,874 | 1,128 |
| District of Columbia | - | 19,221 | 1,732 | 20,953 | 5,171 | 26,124 | 9,843 | 179 |
| Maryland | 408 | 53,041 | 25,476 | 78,516 | 9,947 | 88,871 | 31,868 | 2,659 |
| New Jersey | 11,569 | 193,095 | 96,168 | 289,263 | 76,264 | 377,096 | 126,511 | 4,881 |
| New York | 20,305 | 351,035 | 91,249 | 442,284 | 240,121 | 702,709 | 804,690 | 8,709 |
| Pennsylvania | 13,962 | 178,386 | 56,403 | 234,788 | 17,879 | 266,630 | 50,841 | 17,663 |
| **Subdistrict IC Total** | **5,338** | **232,415** | **304,389** | **536,804** | **12,213** | **554,355** | **167,422** | **45,009** |
| Florida | 2,333 | 33,375 | 122,383 | 155,759 | - | 158,091 | 93,319 | 17,557 |
| Georgia | 159 | 18,620 | 38,258 | 56,878 | 380 | 57,417 | 33,976 | 890 |
| North Carolina | 1,197 | 78,077 | 66,917 | 144,994 | 1,171 | 147,362 | 12,506 | 10,794 |
| South Carolina | 131 | 21,604 | 25,479 | 47,083 | 3,123 | 50,337 | 2,071 | 1,089 |
| Virginia | 533 | 73,094 | 43,056 | 116,149 | 7,400 | 124,082 | 17,890 | 11,350 |
| West Virginia | 986 | 7,644 | 8,296 | 15,940 | 139 | 17,066 | 7,659 | 3,330 |
| **PAD District II Total** | **72,611** | **261,226** | **413,050** | **674,277** | **3,809** | **750,697** | **86,758** | **37,546** |
| Illinois | 7,105 | 37,007 | 41,447 | 78,454 | 347 | 85,906 | 25,647 | 2,481 |
| Indiana | 5,423 | 20,712 | 32,500 | 53,212 | 107 | 58,741 | 10,666 | 3,294 |
| Iowa | 2,768 | 8,475 | 18,838 | 27,313 | - | 30,081 | 874 | 211 |
| Kansas | 1,880 | 3,353 | 11,358 | 14,711 | 327 | 16,918 | 33 | 402 |
| Kentucky | 4,654 | 23,214 | 14,980 | 38,194 | - | 42,848 | 1,708 | 6,019 |
| Michigan | 13,420 | 38,127 | 54,581 | 92,708 | 568 | 106,696 | 8,527 | 785 |
| Minnesota | 8,597 | 22,590 | 16,626 | 39,216 | 565 | 48,378 | 13,134 | 200 |
| Missouri | 7,190 | 21,281 | 44,570 | 65,851 | - | 73,041 | 4,465 | 683 |
| Nebraska | 1,820 | 3,547 | 7,760 | 11,307 | - | 13,128 | 581 | 81 |
| North Dakota | 862 | 3,057 | 2,844 | 5,901 | - | 6,763 | 2,046 | 46 |
| Ohio | 6,720 | 39,460 | 50,123 | 89,582 | 1,679 | 97,982 | 3,495 | 11,099 |
| Oklahoma | 1,393 | 3,205 | 22,813 | 26,018 | - | 27,411 | 254 | 1,799 |
| South Dakota | 2,382 | 4,904 | 7,872 | 12,775 | - | 15,157 | 982 | 10 |
| Tennessee | 2,047 | 6,856 | 39,525 | 46,381 | - | 48,428 | 3,369 | 10,157 |
| Wisconsin | 6,351 | 25,438 | 47,214 | 72,653 | 216 | 79,220 | 10,977 | 280 |
| **PAD District III Total** | **3,967** | **28,889** | **216,540** | **245,429** | **-** | **249,396** | **65,630** | **8,769** |
| Alabama | 10 | 2,328 | 27,437 | 29,764 | - | 29,775 | 31,327 | 532 |
| Arkansas | 4 | 246 | 6,484 | 6,730 | - | 6,734 | - | 404 |
| Louisiana | 2,390 | 5,595 | 26,324 | 31,919 | - | 34,309 | 9,515 | 4,639 |
| Mississippi | 26 | 3,602 | 12,241 | 15,843 | - | 15,869 | 717 | 153 |
| New Mexico | 273 | 154 | 14,433 | 14,587 | - | 14,859 | - | 1,307 |
| Texas | 1,264 | 16,964 | 129,621 | 146,585 | - | 147,850 | 24,072 | 1,735 |
| **PAD District IV Total** | **9,240** | **8,685** | **81,153** | **89,839** | **121** | **99,199** | **8,037** | **1,017** |
| Colorado | 3,318 | 409 | 34,899 | 35,308 | - | 38,625 | - | 593 |
| Idaho | 1,720 | 3,477 | 11,040 | 14,518 | 121 | 16,359 | 300 | 54 |
| Montana | 521 | 825 | 6,205 | 7,030 | - | 7,551 | 388 | 1 |
| Utah | 1,734 | 3,422 | 21,290 | 24,712 | - | 26,446 | 2,089 | 202 |
| Wyoming | 1,947 | 553 | 7,719 | 8,271 | - | 10,218 | 5,260 | 165 |
| **PAD District V Total** | **21,700** | **102,317** | **353,579** | **455,896** | **22,865** | **500,461** | **220,616** | **48,860** |
| Alaska | 9,870 | 14,077 | 10,017 | 24,093 | - | 33,963 | 13,726 | 7,919 |
| Arizona | 563 | 470 | 17,806 | 18,276 | - | 18,839 | 41 | 28 |
| California | 5,541 | 31,788 | 199,783 | 231,570 | 7,933 | 245,044 | 36,488 | 3,685 |
| Hawaii | 808 | 1,916 | 20,703 | 22,619 | - | 23,428 | 145,693 | 11 |
| Nevada | 202 | 3,467 | 13,983 | 17,450 | - | 17,653 | 243 | 351 |
| Oregon | 1,300 | 25,979 | 24,251 | 50,230 | 7,444 | 58,974 | 14,681 | 372 |
| Washington | 3,416 | 24,620 | 67,037 | 91,657 | 7,487 | 102,560 | 9,746 | 36,495 |

Dashes (-) = No data reported.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1988.
• Kerosene data are based on data from the Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1988, (DOE/EIA-0340(88)/1).

# Table A9. Sales to Industrial Users and to Oil Companies: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 1988
(Thousand Gallons)

| Destination | Industrial Use | | | | | | | | Oil Company Use | |
|---|---|---|---|---|---|---|---|---|---|---|
| | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate | Residual Fuel Oil | Kerosene | Distillate Fuel Oil | Residual Fuel Oil |
| | | No. 2 Fuel Oil | No. 2 Diesel | No. 2 Total | | | | | | |
| **U.S. Total** | **68,264** | **704,139** | **1,653,853** | **2,357,993** | **136,429** | **2,562,685** | **3,239,538** | **117,858** | **622,736** | **548,930** |
| **PAD District I Total** | **8,253** | **411,223** | **482,646** | **893,869** | **101,079** | **1,003,201** | **1,940,369** | **85,319** | **39,973** | **100,888** |
| **Subdistrict IA Total** | **633** | **126,872** | **31,169** | **158,041** | **45,111** | **203,785** | **551,326** | **15,126** | **1,696** | **299** |
| Connecticut | 312 | 21,458 | 13,526 | 34,984 | 11,928 | 47,225 | 92,559 | 10,482 | 273 | 299 |
| Maine | 135 | 22,388 | 4,365 | 26,753 | 2,361 | 29,249 | 220,549 | 745 | 13 | - |
| Massachusetts | 36 | 67,696 | 8,164 | 75,859 | 17,252 | 93,147 | 161,998 | 1,731 | 970 | - |
| New Hampshire | 41 | 5,952 | 1,817 | 7,770 | 6,265 | 14,076 | 40,293 | 292 | 72 | - |
| Rhode Island | 43 | 3,439 | 1,584 | 5,023 | 5,916 | 10,983 | 28,079 | 0 | 341 | - |
| Vermont | 65 | 5,939 | 1,713 | 7,652 | 1,390 | 9,106 | 7,848 | 1,875 | 28 | - |
| **Subdistrict IB Total** | **2,688** | **153,077** | **219,433** | **372,510** | **44,989** | **420,186** | **645,941** | **50,388** | **31,600** | **94,555** |
| Delaware | 6 | 2,703 | 6,686 | 9,389 | 151 | 9,545 | 30,762 | 103 | 432 | 18,913 |
| District of Columbia | - | 47 | - | 47 | - | 47 | - | 12 | - | - |
| Maryland | 197 | 14,188 | 16,381 | 30,569 | 1,439 | 32,205 | 43,122 | 4,468 | 958 | 3,854 |
| New Jersey | 214 | 38,694 | 31,973 | 70,666 | 24,756 | 95,636 | 225,630 | 4,802 | 5,623 | 7,718 |
| New York | 2,089 | 33,699 | 19,861 | 53,560 | 7,012 | 62,661 | 212,668 | 31,438 | 8,533 | 1,233 |
| Pennsylvania | 181 | 63,747 | 144,533 | 208,279 | 11,632 | 220,092 | 133,759 | 9,566 | 16,053 | 62,836 |
| **Subdistrict IC Total** | **4,932** | **131,274** | **232,044** | **363,318** | **10,979** | **379,229** | **743,102** | **19,804** | **6,677** | **6,034** |
| Florida | 67 | 7,021 | 30,347 | 37,368 | 1,234 | 38,669 | 176,694 | 1,726 | 1,066 | 211 |
| Georgia | 273 | 19,150 | 20,699 | 39,850 | 1,883 | 42,006 | 75,623 | 1,551 | 178 | 740 |
| North Carolina | 362 | 61,226 | 28,361 | 89,588 | 2,147 | 92,097 | 237,856 | 7,788 | 25 | 2,186 |
| South Carolina | 55 | 9,347 | 13,983 | 23,331 | 1,402 | 24,788 | 108,659 | 4,690 | 787 | 123 |
| Virginia | 191 | 29,109 | 54,488 | 83,597 | 4,300 | 88,088 | 125,939 | 2,248 | 1,354 | 782 |
| West Virginia | 3,983 | 5,420 | 84,165 | 89,585 | 12 | 93,581 | 18,331 | 1,802 | 3,267 | 1,993 |
| **PAD District II Total** | **37,107** | **206,241** | **500,474** | **706,715** | **7,891** | **751,713** | **521,102** | **20,385** | **60,905** | **173,635** |
| Illinois | 5,367 | 17,151 | 53,040 | 70,191 | 200 | 75,758 | 78,304 | 1,884 | 7,885 | 53,427 |
| Indiana | 3,731 | 13,196 | 55,192 | 68,388 | 2,728 | 74,847 | 64,560 | 3,096 | 1,348 | 56,679 |
| Iowa | 2,047 | 6,855 | 11,783 | 18,638 | - | 20,685 | 10,548 | 172 | 57 | - |
| Kansas | 867 | 8,276 | 5,700 | 13,976 | - | 14,843 | 22,289 | 76 | 8,083 | 8,245 |
| Kentucky | 2,290 | 25,314 | 131,965 | 157,280 | 5 | 159,574 | 14,110 | 6,593 | 600 | 9,384 |
| Michigan | 5,261 | 15,754 | 58,436 | 74,190 | 2,713 | 82,164 | 85,576 | 2,165 | 4,056 | 9,818 |
| Minnesota | 7,148 | 27,387 | 8,541 | 35,929 | 447 | 43,523 | 31,428 | 47 | 536 | 11,279 |
| Missouri | 1,932 | 15,524 | 22,902 | 38,426 | - | 40,357 | 23,536 | 250 | 486 | - |
| Nebraska | 324 | 2,844 | 2,132 | 4,976 | 51 | 5,350 | 14,265 | 41 | 479 | - |
| North Dakota | 1,116 | 3,974 | 8,127 | 12,101 | - | 13,217 | 5,708 | 0 | 2,809 | 7,735 |
| Ohio | 3,976 | 28,331 | 78,712 | 107,044 | 310 | 111,330 | 92,653 | 4,099 | 7,892 | 10,890 |
| Oklahoma | 460 | 3,813 | 21,534 | 25,347 | - | 25,807 | 28,835 | 244 | 24,877 | - |
| South Dakota | 1,389 | 2,085 | 5,319 | 7,404 | - | 8,794 | 2,314 | 6 | 12 | - |
| Tennessee | 124 | 16,107 | 26,938 | 43,045 | 1,438 | 44,606 | 15,540 | 1,586 | 1,029 | 258 |
| Wisconsin | 1,075 | 19,630 | 10,152 | 29,782 | - | 30,857 | 31,436 | 126 | 757 | 5,920 |
| **PAD District III Total** | **1,133** | **22,655** | **248,208** | **270,863** | **2,180** | **274,176** | **223,960** | **6,806** | **423,412** | **2,544** |
| Alabama | 449 | 7,465 | 47,738 | 55,202 | 39 | 55,691 | 29,996 | 354 | 1,361 | 1,002 |
| Arkansas | 28 | 282 | 12,449 | 12,732 | 36 | 12,796 | 9,731 | 377 | 731 | - |
| Louisiana | - | 1,462 | 20,308 | 21,770 | 1,105 | 22,875 | 124,987 | 1,539 | 190,105 | 668 |
| Mississippi | 33 | 4,764 | 15,944 | 20,708 | 773 | 21,514 | 29,782 | 1,595 | 25,378 | - |
| New Mexico | 333 | 76 | 44,448 | 44,524 | - | 44,856 | 3,466 | 250 | 10,527 | - |
| Texas | 290 | 8,607 | 107,320 | 115,927 | 228 | 116,445 | 25,998 | 2,691 | 195,309 | 874 |
| **PAD District IV Total** | **14,865** | **31,882** | **107,953** | **139,834** | **-** | **154,699** | **12,127** | **1,345** | **18,462** | **16,514** |
| Colorado | 2,554 | 21,926 | 16,340 | 38,266 | - | 40,819 | 234 | 649 | 3,910 | - |
| Idaho | 1,818 | 3,107 | 13,154 | 16,261 | - | 18,079 | 2,198 | 12 | 84 | - |
| Montana | 1,363 | 1,106 | 13,898 | 15,004 | - | 16,368 | 1,277 | 0 | 932 | 8,141 |
| Utah | 1,799 | 5,720 | 29,390 | 35,110 | - | 36,910 | 5,683 | 547 | 1,404 | 5,013 |
| Wyoming | 7,330 | 23 | 35,170 | 35,193 | - | 42,523 | 2,736 | 136 | 12,132 | 3,360 |
| **PAD District V Total** | **6,906** | **32,138** | **314,573** | **346,711** | **25,279** | **378,896** | **541,980** | **4,003** | **79,985** | **255,349** |
| Alaska | 1,765 | 1,175 | 22,003 | 23,178 | 584 | 25,527 | - | 5 | 39,515 | - |
| Arizona | 3 | 1,034 | 32,058 | 33,092 | 1,392 | 34,487 | 1,386 | 2,128 | 213 | - |
| California | 842 | 8,688 | 166,629 | 175,317 | 22,661 | 198,820 | 191,576 | 1,132 | 37,053 | 197,241 |
| Hawaii | 18 | 647 | 3,712 | 4,359 | - | 4,377 | 6,055 | 6 | 1,647 | 39,586 |
| Nevada | 3,510 | 6,592 | 42,881 | 49,473 | 166 | 53,150 | 4,550 | 83 | 152 | 932 |
| Oregon | 448 | 8,863 | 17,138 | 26,002 | 429 | 26,879 | 68,722 | 58 | 573 | 2,445 |
| Washington | 320 | 5,138 | 30,152 | 35,290 | 47 | 35,657 | 269,690 | 591 | 831 | 15,145 |

Dashes (-) = No data reported.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1988.
• Kerosene data are based on data from the Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1988, (DOE/EIA-0340(88)/1).

# Table A10. Sales for Farm Use: Distillate Fuel Oil and Kerosene; Sales to Electric Utilities: Distillate Fuel Oil and Residual Fuel Oil, 1988
(Thousand Gallons)

| Destination | Farm | | | | Electric | |
|---|---|---|---|---|---|---|
| | Diesel | Other Distillate | Total Distillate | Kerosene | Distillate Fuel Oil | Residual Fuel Oil |
| **U.S. Total** | **3,034,934** | **127,641** | **3,162,575** | **33,426** | **720,137** | **9,464,457** |
| **PAD District I Total** | **406,926** | **52,083** | **459,009** | **20,659** | **378,314** | **7,984,066** |
| **Subdistrict IA Total** | **15,938** | **8,709** | **24,647** | **2,462** | **27,337** | **2,322,851** |
| Connecticut | 1,784 | 382 | 2,166 | 22 | 2,165 | 701,259 |
| Maine | 5,475 | 1,473 | 6,949 | 791 | 546 | 182,772 |
| Massachusetts | 1,024 | 1,758 | 2,782 | 11 | 19,851 | 1,210,192 |
| New Hampshire | 1,406 | 1,212 | 2,619 | 58 | 1,110 | 198,125 |
| Rhode Island | 183 | 81 | 264 | 1 | 1,948 | 30,503 |
| Vermont | 6,065 | 3,802 | 9,868 | 1,580 | 1,718 | - |
| **Subdistrict IB Total** | **114,146** | **36,676** | **150,822** | **6,693** | **243,655** | **3,927,926** |
| Delaware | 6,480 | 883 | 7,363 | 382 | 5,635 | 130,677 |
| District of Columbia | - | - | - | - | 64,553 | - |
| Maryland | 25,520 | 2,883 | 28,403 | 363 | 15,029 | 213,148 |
| New Jersey | 14,121 | 5,034 | 19,155 | 32 | 29,842 | 560,546 |
| New York | 40,458 | 17,226 | 57,684 | 4,079 | 73,790 | 2,621,013 |
| Pennsylvania | 27,568 | 10,649 | 38,217 | 1,836 | 54,806 | 402,541 |
| **Subdistrict IC Total** | **276,842** | **6,698** | **283,540** | **11,505** | **107,323** | **1,733,289** |
| Florida | 94,897 | - | 94,897 | 54 | 50,454 | 1,597,555 |
| Georgia | 75,132 | 43 | 75,174 | 1,883 | 11,260 | 3,081 |
| North Carolina | 46,839 | 2,968 | 49,807 | 5,667 | 16,592 | - |
| South Carolina | 24,214 | 204 | 24,417 | 1,001 | 7,824 | - |
| Virginia | 30,758 | 2,699 | 33,457 | 2,411 | 15,509 | 132,653 |
| West Virginia | 5,002 | 785 | 5,788 | 488 | 5,685 | - |
| **PAD District II Total** | **1,525,106** | **69,958** | **1,595,064** | **9,917** | **144,946** | **205,652** |
| Illinois | 180,953 | 16,760 | 197,714 | 843 | 26,655 | 87,414 |
| Indiana | 87,050 | 1,887 | 88,937 | 748 | 17,145 | - |
| Iowa | 172,891 | 10,779 | 183,670 | 725 | 7,762 | - |
| Kansas | 152,692 | 681 | 153,373 | 320 | 5,652 | 850 |
| Kentucky | 44,912 | 1,163 | 46,076 | 1,185 | 7,866 | - |
| Michigan | 75,974 | 2,707 | 78,681 | 178 | 30,715 | 84,071 |
| Minnesota | 150,244 | 10,884 | 161,127 | 1,215 | 7,596 | 18 |
| Missouri | 78,067 | 392 | 78,460 | 180 | 8,635 | 10,019 |
| Nebraska | 162,263 | 4,065 | 166,328 | 353 | 582 | 4,360 |
| North Dakota | 83,192 | 3,261 | 86,453 | 86 | 1,799 | 148 |
| Ohio | 75,456 | 3,955 | 79,411 | 2,978 | 18,186 | 18,772 |
| Oklahoma | 53,994 | 1 | 53,994 | 433 | 59 | - |
| South Dakota | 93,142 | 2,539 | 95,681 | 180 | 1,139 | - |
| Tennessee | 39,245 | 9 | 39,254 | 318 | 2,558 | - |
| Wisconsin | 75,030 | 10,875 | 85,905 | 175 | 8,596 | - |
| **PAD District III Total** | **569,684** | **535** | **570,219** | **1,442** | **64,493** | **70,588** |
| Alabama | 22,912 | 489 | 23,401 | 108 | 6,488 | - |
| Arkansas | 96,765 | - | 96,765 | 75 | 9,993 | 5,691 |
| Louisiana | 112,009 | - | 112,009 | 46 | 12,016 | 9,244 |
| Mississippi | 77,047 | 8 | 77,054 | 771 | 3,925 | 46,169 |
| New Mexico | 16,990 | - | 16,990 | 21 | 348 | 1,418 |
| Texas | 243,962 | 38 | 244,000 | 421 | 31,723 | 8,066 |
| **PAD District IV Total** | **172,080** | **1,941** | **174,022** | **1,159** | **13,048** | **146** |
| Colorado | 56,117 | 50 | 56,167 | 969 | 2,779 | 50 |
| Idaho | 59,135 | 540 | 59,675 | 26 | 43 | - |
| Montana | 32,942 | 881 | 33,823 | 102 | 939 | - |
| Utah | 15,108 | 49 | 15,157 | 37 | 3,948 | - |
| Wyoming | 8,779 | 421 | 9,200 | 25 | 5,339 | 96 |
| **PAD District V Total** | **361,137** | **3,124** | **364,262** | **248** | **119,336** | **1,204,004** |
| Alaska | 331 | - | 331 | - | 31,379 | 138 |
| Arizona | 20,695 | 30 | 20,725 | 9 | 4,494 | 1,101 |
| California | 235,149 | 229 | 235,378 | 112 | 25,671 | 668,488 |
| Hawaii | 15,234 | 1,866 | 17,100 | 0 | 54,780 | 496,185 |
| Nevada | 7,361 | 362 | 7,724 | 21 | 1,591 | 38,093 |
| Oregon | 45,022 | 464 | 45,487 | 6 | 420 | - |
| Washington | 37,344 | 173 | 37,518 | 99 | 999 | - |

Dashes (-) = No data reported.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1988.
• Kerosene data are based on data from the Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1988, (DOE/EIA-0340(88)/1).

# Table A11. Sales for Transportation Use: Distillate Fuel Oil and Residual Fuel Oil, 1988
(Thousand Gallons)

| Destination | Railroad Use | | Vessel Bunkering | | On-Highway Diesel | Total Transportation Use | |
|---|---|---|---|---|---|---|---|
| | Distillate Fuel Oil | Residual Fuel Oil | Distillate Fuel Oil | Residual Fuel Oil | Distillate Fuel Oil | Distillate Fuel Oil | Residual Fuel Oil |
| **U.S. Total** | **3,095,736** | **32** | **1,991,773** | **6,354,536** | **20,038,691** | **25,126,200** | **6,354,568** |
| **PAD District I Total** | **614,324** | **-** | **534,979** | **1,410,904** | **6,712,224** | **7,861,527** | **1,410,904** |
| **Subdistrict IA Total** | **17,960** | **-** | **52,628** | **51,996** | **836,650** | **907,238** | **51,996** |
| Connecticut | 140 | - | 7,636 | 1,325 | 212,589 | 220,366 | 1,325 |
| Maine | 8,747 | - | 10,478 | 18,545 | 175,344 | 194,569 | 18,545 |
| Massachusetts | 5,496 | - | 32,197 | 24,651 | 293,007 | 330,700 | 24,651 |
| New Hampshire | 139 | - | 584 | 672 | 58,051 | 58,774 | 672 |
| Rhode Island | 336 | - | 1,334 | 6,803 | 43,741 | 45,410 | 6,803 |
| Vermont | 3,102 | - | 400 | - | 53,918 | 57,420 | - |
| **Subdistrict IB Total** | **203,260** | **-** | **203,831** | **829,599** | **2,497,825** | **2,904,915** | **829,599** |
| Delaware | 1,666 | - | 4,164 | 38,735 | 55,412 | 61,243 | 38,735 |
| District of Columbia | 3,917 | - | 39 | - | 23,033 | 26,989 | - |
| Maryland | 30,833 | - | 9,242 | 94,942 | 299,521 | 339,596 | 94,942 |
| New Jersey | 49,332 | - | 149,331 | 332,802 | 477,858 | 676,521 | 332,802 |
| New York | 35,473 | - | 12,422 | 123,456 | 713,826 | 761,721 | 123,456 |
| Pennsylvania | 82,038 | - | 28,633 | 239,664 | 928,175 | 1,038,845 | 239,664 |
| **Subdistrict IC Total** | **393,104** | **-** | **278,520** | **529,309** | **3,377,749** | **4,049,374** | **529,309** |
| Florida | 93,617 | - | 119,900 | 355,522 | 832,093 | 1,045,609 | 355,522 |
| Georgia | 82,614 | - | 28,145 | 18,274 | 831,267 | 942,027 | 18,274 |
| North Carolina | 52,122 | - | 9,806 | 8,913 | 711,035 | 772,963 | 8,913 |
| South Carolina | 35,308 | - | 10,169 | 29,307 | 310,365 | 355,843 | 29,307 |
| Virginia | 117,410 | - | 59,569 | 117,293 | 532,848 | 709,827 | 117,293 |
| West Virginia | 12,033 | - | 50,931 | - | 160,141 | 223,105 | - |
| **PAD District II Total** | **1,231,924** | **32** | **308,552** | **24,593** | **6,645,800** | **8,186,276** | **24,625** |
| Illinois | 86,536 | - | 26,588 | 15,351 | 771,386 | 884,511 | 15,351 |
| Indiana | 185,097 | - | 11,467 | 6,831 | 628,647 | 825,212 | 6,831 |
| Iowa | 35,603 | - | 1,673 | - | 333,931 | 371,207 | - |
| Kansas | 143,757 | - | - | - | 331,926 | 475,683 | - |
| Kentucky | 116,399 | - | 88,945 | - | 512,517 | 717,861 | - |
| Michigan | 41,372 | - | 10,847 | 1,315 | 526,217 | 578,436 | 1,315 |
| Minnesota | 40,808 | 11 | 1,219 | 306 | 331,701 | 373,728 | 316 |
| Missouri | 33,649 | 21 | 49,002 | - | 535,424 | 618,075 | 21 |
| Nebraska | 154,686 | - | - | - | 217,014 | 371,700 | - |
| North Dakota | 37,673 | - | - | - | 89,873 | 127,546 | - |
| Ohio | 144,208 | - | 4,402 | 524 | 861,428 | 1,010,038 | 524 |
| Oklahoma | 63,462 | - | 385 | - | 394,165 | 458,013 | - |
| South Dakota | 1,678 | - | - | - | 91,906 | 93,584 | - |
| Tennessee | 89,022 | - | 107,929 | 66 | 578,829 | 775,780 | 66 |
| Wisconsin | 57,973 | - | 6,094 | 200 | 440,836 | 504,903 | 200 |
| **PAD District III Total** | **567,356** | **-** | **598,947** | **2,167,731** | **3,012,582** | **4,178,886** | **2,167,731** |
| Alabama | 63,273 | - | 41,156 | 90,239 | 480,340 | 584,768 | 90,239 |
| Arkansas | 20,730 | - | 162 | - | 346,026 | 366,918 | - |
| Louisiana | 69,835 | - | 318,200 | 1,024,105 | 383,054 | 771,089 | 1,024,105 |
| Mississippi | 14,784 | - | 66,241 | 77,565 | 302,361 | 383,386 | 77,565 |
| New Mexico | 44,311 | - | - | - | 204,734 | 249,045 | - |
| Texas | 354,424 | - | 173,189 | 975,822 | 1,296,067 | 1,823,679 | 975,822 |
| **PAD District IV Total** | **285,616** | **-** | **73** | **-** | **725,429** | **1,011,118** | **-** |
| Colorado | 66,576 | - | - | - | 188,922 | 255,498 | - |
| Idaho | 22,589 | - | 73 | - | 99,626 | 122,288 | - |
| Montana | 56,648 | - | - | - | 115,899 | 172,547 | - |
| Utah | 33,422 | - | - | - | 149,108 | 182,530 | - |
| Wyoming | 106,380 | - | - | - | 171,874 | 278,254 | - |
| **PAD District V Total** | **396,516** | **-** | **549,222** | **2,751,307** | **2,942,656** | **3,888,393** | **2,751,307** |
| Alaska | 2,889 | - | 58,520 | 6,199 | 83,235 | 144,644 | 6,199 |
| Arizona | 22,588 | - | - | - | 299,981 | 322,569 | - |
| California | 184,690 | - | 341,991 | 2,070,421 | 1,760,085 | 2,286,766 | 2,070,421 |
| Hawaii | 18 | - | 55,937 | 69,524 | 21,935 | 77,890 | 69,524 |
| Nevada | 28,358 | - | - | - | 118,022 | 146,380 | - |
| Oregon | 86,683 | - | 30,547 | 186,730 | 302,381 | 419,611 | 186,730 |
| Washington | 71,290 | - | 62,226 | 418,433 | 357,017 | 490,533 | 418,433 |

Dashes (-) = No data reported.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1988.
• On-Highway Diesel data are obtained from information on highway use of special fuels gathered by the Federal Highway Administration.

# Table A12. Sales for Military Use: Distillate Fuel Oil and Residual Fuel Oil; Sales for Off-Highway Use: Diesel; and Sales for All Other Uses: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 1988

(Thousand Gallons)

| Destination | Military | | | | Off-Highway Diesel Distillate Fuel Oil | | | All Other | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Diesel | Other Distillate | Total Distillate | Residual Fuel Oil | Construction | Other | Total | Distillate Fuel Oil | Residual Fuel Oil | Kerosene |
| **U.S. Total** | **651,706** | **178,908** | **830,614** | **125,318** | **1,517,685** | **153,702** | **1,671,387** | **67,435** | **58,880** | **70,370** |
| **PAD District I Total** | **154,593** | **49,176** | **203,769** | **96,270** | **442,854** | **29,028** | **471,882** | **17,975** | **4,719** | **51,824** |
| **Subdistrict IA Total** | **11,092** | **4,639** | **15,731** | **21,752** | **63,447** | **9,517** | **72,964** | **766** | **-** | **2,153** |
| Connecticut | - | 1,483 | 1,483 | 4,495 | 13,653 | - | 13,653 | 319 | - | 202 |
| Maine | 1,404 | 1,215 | 2,619 | - | 14,838 | 7,932 | 22,770 | - | - | 792 |
| Massachusetts | 2,975 | 1,402 | 4,377 | 5,281 | 20,031 | 9 | 20,040 | 75 | - | 288 |
| New Hampshire | 40 | 46 | 86 | 5,808 | 6,579 | 367 | 6,947 | - | - | 99 |
| Rhode Island | 6,433 | 27 | 6,460 | 6,169 | 1,136 | - | 1,136 | 210 | - | 692 |
| Vermont | 240 | 466 | 705 | - | 7,209 | 1,209 | 8,417 | 162 | - | 80 |
| **Subdistrict IB Total** | **28,441** | **12,568** | **41,008** | **43,317** | **148,240** | **4,850** | **153,090** | **3,735** | **4,205** | **35,221** |
| Delaware | - | 37 | 37 | - | 3,845 | 2 | 3,847 | 107 | - | 4 |
| District of Columbia | 9,638 | 408 | 10,046 | 455 | 92 | - | 92 | - | - | 63 |
| Maryland | 3,541 | 927 | 4,468 | 21,592 | 17,308 | 54 | 17,362 | 3,081 | - | 1,302 |
| New Jersey | 5,453 | 1,377 | 6,830 | 6,317 | 31,192 | 1,053 | 32,246 | 36 | 86 | 28,453 |
| New York | 4,882 | 9,454 | 14,337 | 12,143 | 45,908 | 1,799 | 47,707 | 298 | 4,119 | 1,983 |
| Pennsylvania | 4,927 | 364 | 5,290 | 2,810 | 49,894 | 1,942 | 51,836 | 213 | - | 3,416 |
| **Subdistrict IC Total** | **115,061** | **31,969** | **147,030** | **31,200** | **231,168** | **14,661** | **245,828** | **13,474** | **513** | **14,450** |
| Florida | 32,234 | 477 | 32,711 | 8,650 | 63,794 | 47 | 63,841 | 1,693 | 246 | 1,629 |
| Georgia | 13,739 | - | 13,739 | 1,628 | 32,678 | 7,564 | 40,242 | 4,735 | - | 1,184 |
| North Carolina | 4,312 | 586 | 4,898 | 9,504 | 31,700 | 637 | 32,337 | 3,161 | 267 | 6,164 |
| South Carolina | 3,248 | 414 | 3,662 | 4,892 | 25,939 | 2,402 | 28,340 | 1,452 | - | 1,756 |
| Virginia | 61,454 | 29,999 | 91,454 | 6,526 | 58,126 | 2,156 | 60,282 | 2,401 | - | 1,599 |
| West Virginia | 72 | 494 | 566 | - | 18,932 | 1,855 | 20,787 | 32 | - | 2,117 |
| **PAD District II Total** | **42,407** | **10,664** | **53,071** | **4,492** | **415,345** | **17,830** | **433,175** | **42,684** | **240** | **10,770** |
| Illinois | 1,196 | 769 | 1,965 | 142 | 58,817 | 401 | 59,218 | 3,706 | 39 | 404 |
| Indiana | 4,176 | 39 | 4,215 | - | 17,308 | 1,466 | 18,775 | 3,344 | - | 978 |
| Iowa | 102 | 13 | 115 | - | 17,216 | 912 | 18,128 | 2,979 | - | 100 |
| Kansas | 1,687 | 349 | 2,036 | - | 16,773 | 1,136 | 17,910 | 1,587 | - | 115 |
| Kentucky | 7,941 | 3,345 | 11,286 | - | 21,442 | 806 | 22,248 | 752 | - | 146 |
| Michigan | 2,250 | 1,119 | 3,370 | - | 50,384 | 1,604 | 51,988 | 2,292 | - | 13 |
| Minnesota | 2,405 | 423 | 2,828 | - | 23,831 | 887 | 24,719 | 2,219 | 185 | 149 |
| Missouri | 4,837 | 1,760 | 6,597 | 3,850 | 36,212 | 2,604 | 38,816 | 7,101 | - | 588 |
| Nebraska | 1,440 | 48 | 1,489 | - | 18,533 | 388 | 18,921 | - | 16 | 2,037 |
| North Dakota | 2,440 | 180 | 2,620 | - | 5,465 | 255 | 5,720 | 80 | - | 164 |
| Ohio | 9,387 | 30 | 9,418 | - | 28,221 | 799 | 29,020 | 374 | - | 2,162 |
| Oklahoma | 1,763 | 759 | 2,522 | - | 28,901 | 492 | 29,393 | 4,827 | - | 194 |
| South Dakota | 628 | 135 | 763 | - | 11,134 | 1,084 | 12,218 | 352 | - | 41 |
| Tennessee | 734 | 369 | 1,102 | 500 | 61,650 | 1,029 | 62,679 | 1,292 | - | 3,592 |
| Wisconsin | 1,421 | 1,325 | 2,746 | - | 19,457 | 3,965 | 23,422 | 11,779 | - | 90 |
| **PAD District III Total** | **140,531** | **116,387** | **256,918** | **3,918** | **292,599** | **25,747** | **318,345** | **5,534** | **20,886** | **7,338** |
| Alabama | 2,183 | 876 | 3,059 | 26 | 23,585 | 9,893 | 33,478 | 2,255 | - | 420 |
| Arkansas | 1,555 | - | 1,555 | - | 16,443 | 3,061 | 19,505 | 1,760 | - | 216 |
| Louisiana | 12,844 | 365 | 13,209 | 3,892 | 42,703 | 4,481 | 47,184 | 188 | 1,656 | 4,120 |
| Mississippi | 73,503 | - | 73,503 | - | 18,601 | 2,676 | 21,278 | 554 | - | 10 |
| New Mexico | 930 | 256 | 1,186 | - | 20,778 | 1,389 | 22,168 | 0 | - | 73 |
| Texas | 49,517 | 114,890 | 164,407 | - | 170,488 | 4,245 | 174,734 | 776 | 19,230 | 2,499 |
| **PAD District IV Total** | **13,493** | **581** | **14,074** | **-** | **87,252** | **16,645** | **103,898** | **370** | **40** | **69** |
| Colorado | 7,482 | 178 | 7,660 | - | 34,612 | 4,400 | 39,012 | 29 | - | 13 |
| Idaho | 2,215 | 81 | 2,295 | - | 10,087 | 5,269 | 15,356 | - | - | 4 |
| Montana | 414 | 19 | 434 | - | 5,493 | 4,596 | 10,089 | 192 | - | 0 |
| Utah | 3,127 | 303 | 3,430 | - | 17,138 | 2,084 | 19,222 | - | - | 17 |
| Wyoming | 255 | - | 255 | - | 19,922 | 297 | 20,219 | 149 | 40 | 35 |
| **PAD District V Total** | **300,681** | **2,100** | **302,781** | **20,639** | **279,635** | **64,451** | **344,087** | **871** | **32,996** | **369** |
| Alaska | 16,214 | 10 | 16,224 | - | 10,607 | 2,194 | 12,800 | 37 | - | 13 |
| Arizona | 1,223 | - | 1,223 | - | 21,112 | 2,248 | 23,360 | - | - | 42 |
| California | 204,777 | - | 204,777 | 6,538 | 176,410 | 16,440 | 192,850 | 749 | - | 291 |
| Hawaii | 50,511 | - | 50,511 | 2,913 | 6,617 | 60 | 6,677 | - | 32,748 | - |
| Nevada | 3,109 | 1,444 | 4,553 | - | 30,053 | 243 | 30,296 | 31 | - | 10 |
| Oregon | 871 | 413 | 1,284 | 215 | 13,671 | 26,436 | 40,108 | - | 36 | 8 |
| Washington | 23,977 | 234 | 24,210 | 10,973 | 21,166 | 16,829 | 37,995 | 55 | 211 | 5 |

Dashes (-) = No data reported.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1988.
• Kerosene data are based on data from the Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1988, (DOE/EIA-0340(88)/1).

# Deliveries of Fuel Oil and Kerosene in 1988

The following tables contain estimates which have been adjusted to ensure that PAD District total sales of distillate and residual fuel oils and kerosene equal published EIA volume estimates of products supplied to the U. S. marketplace. The products supplied estimates can be found in the 1984 through 1988 Petroleum Supply Annual. For further discussion of these adjustments, see Technical Note 3.

In 1988, total domestic deliveries of fuel oil and kerosene increased 6.2 percent--from 66.5 billion gallons in 1987 to 70.6 billion gallons. Distillate and residual fuel oil showed increases of 5.2 and 9.3 percent, respectively over 1987. Kerosene volumes rebounded in 1988 after dropping for 4 straight years. Here, deliveries were up 2.0 percent from the previous year.

## Table A13. Deliveries of Distillate Fuel Oil by End Use in the United States: 1984-1988
(Thousand Gallons)

| End Use | Distillate Fuel Oil | | | | |
|---|---|---|---|---|---|
| | 1984 | 1985 | 1986 | 1987 | 1988 |
| **U.S. Total** | **43,731,114** | **43,966,734** | **44,677,080** | **45,629,346** | **47,985,420** |
| Residential | 6,910,211 | 7,212,897 | 7,294,814 | 7,426,412 | 7,662,046 |
| Commercial | 4,904,727 | 4,514,211 | 4,293,095 | 4,279,375 | 4,135,079 |
| Industrial | 2,356,787 | 2,592,678 | 2,684,102 | 2,917,624 | 2,617,639 |
| Oil Company | 908,162 | 876,505 | 749,992 | 881,729 | 872,133 |
| Farm | 2,974,418 | 3,311,309 | 3,380,046 | 3,241,968 | 3,420,671 |
| Electric Utility | 689,012 | 514,327 | 614,361 | 646,073 | 800,085 |
| Railroad | 3,456,915 | 3,209,729 | 3,099,616 | 3,147,661 | 3,259,250 |
| Vessel Bunkering | 1,692,045 | 1,894,265 | 2,034,215 | 2,223,258 | 2,310,367 |
| On-Highway Diesel | 16,797,423 | 17,279,650 | 17,926,508 | 18,172,934 | 20,038,691 |
| Military | 696,309 | 768,179 | 760,417 | 884,392 | 980,877 |
| Off-Highway Diesel | 1,673,591 | 1,616,685 | 1,699,252 | 1,732,106 | 1,821,819 |
| All Other | 671,514 | 176,299 | 140,661 | 75,815 | 66,763 |

Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1984-1988.
• Electric Utility data are based on data obtained on Form EIA-759, "Monthly Power Plant Report," and Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."
• Railroad data for distillate fuel oil are based on Association of American Railroads' statistics for railroads of Class I and Amtrak Companies.
• On-Highway Diesel data are obtained from information on highway use of special fuels gathered by the Federal Highway Administration.
• Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1984-1988, (DOE/EIA-0340(84)/1 - (88)/1).

## Table A14. Deliveries of Residual Fuel Oil by End Use in the United States: 1984-1988
(Thousand Gallons)

| End Use | Residual Fuel Oil | | | | |
|---|---|---|---|---|---|
| | 1984 | 1985 | 1986 | 1987 | 1988 |
| **U.S. Total** | **21,050,358** | **18,431,280** | **21,744,114** | **19,383,168** | **21,179,550** |
| Commercial | 1,418,630 | 1,326,870 | 1,663,005 | 1,764,531 | 1,788,728 |
| Industrial | 3,963,750 | 4,011,361 | 4,492,393 | 3,810,345 | 3,855,070 |
| Oil Company | 1,162,545 | 776,019 | 766,034 | 502,615 | 433,294 |
| Electric Utility | 7,825,363 | 6,183,985 | 9,041,608 | 7,631,898 | 9,540,878 |
| Railroad | 1,796 | 6,163 | 569 | 294 | 33 |
| Vessel Bunkering | 5,687,135 | 5,473,562 | 5,287,347 | 5,259,272 | 5,248,981 |
| Military | 222,230 | 192,918 | 180,918 | 191,045 | [E] **137,287** |
| All Other | 768,908 | 460,402 | 312,241 | 223,168 | 175,279 |

[E] Estimated data. Annual estimate is based on eleven months of data.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1984-1988.
• Electric Utility data are based on data obtained on Form EIA-759, "Monthly Power Plant Report," and Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."
• Vessel Bunkering data for residual fuel oil are based on EIA estimates of intercoastal bunkering and the Bureau of the Census Report, "United States Foreign Trade, Bunker Fuels."
• Military data for residual fuel oil are based on Defense Fuel Supply Center's "DEIS Report."
• Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1984-1988, (DOE/EIA-0340(84)/1 - (88)/1).

## Table A15. Deliveries of Kerosene by End Use in the United States: 1984-1988
(Thousand Gallons)

| End Use | Kerosene | | | | |
|---|---|---|---|---|---|
| | 1984 | 1985 | 1986 | 1987 | 1988 |
| **U.S. Total** | **1,771,770** | **1,745,856** | **1,506,162** | **1,449,504** | **1,478,316** |
| Residential | 651,953 | 862,573 | 641,742 | 671,350 | 770,042 |
| Commercial | 691,066 | 367,218 | 307,704 | 267,437 | 306,584 |
| Industrial | 221,449 | 254,491 | 173,859 | 160,057 | 188,117 |
| Farm | 44,268 | 53,434 | 47,948 | 34,761 | 45,990 |
| All Other | 163,034 | 208,139 | 334,908 | 315,900 | 167,583 |

Note: Totals may not equal sum of components due to independent rounding.
Note: Kerosene data in the Deliveries tables (A13-A24) are adjusted at the PAD District level. See Technical Note 3 for further explanation.
Sources: • Kerosene data are based on data from the Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1984-1988, (DOE/EIA-0340(84)/1 - (88)/1).

# Table A16. Deliveries of Distillate Fuel Oil by End Use, 1987 and 1988
(Thousand Gallons)

| Destination | Residential | | Commercial | | Industrial | |
|---|---|---|---|---|---|---|
| | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 |
| **U.S. Total** | **7,426,412** | **7,662,046** | **4,279,375** | **4,135,079** | **2,917,624** | **2,617,639** |
| **PAD District I Total** | **5,883,446** | **6,019,068** | **2,385,143** | **2,370,013** | **1,015,737** | **882,413** |
| **Subdistrict IA Total** | **1,875,966** | **1,968,313** | **584,221** | **580,541** | **258,906** | **179,249** |
| Connecticut | 487,757 | 551,570 | 131,751 | 126,954 | 53,835 | 41,539 |
| Maine | 229,415 | 250,661 | 62,311 | 75,085 | 20,677 | 25,728 |
| Massachusetts | 780,180 | 778,311 | 255,013 | 267,161 | 144,029 | 81,932 |
| New Hampshire | 165,599 | 155,027 | 70,359 | 48,426 | 11,542 | 12,381 |
| Rhode Island | 134,202 | 151,241 | 37,406 | 33,914 | 21,208 | 9,660 |
| Vermont | 78,813 | 81,504 | 27,382 | 29,000 | 7,615 | 8,010 |
| **Subdistrict IB Total** | **3,359,871** | **3,413,354** | **1,308,826** | **1,301,863** | **400,251** | **369,595** |
| Delaware | 56,317 | 58,492 | 15,196 | 16,393 | 8,024 | 8,396 |
| District of Columbia | 17,187 | 12,392 | 27,269 | 22,978 | 319 | 41 |
| Maryland | 231,865 | 248,603 | 81,249 | 78,171 | 25,500 | 28,327 |
| New Jersey | 732,455 | 733,996 | 327,048 | 331,693 | 82,160 | 84,121 |
| New York | 1,521,225 | 1,529,357 | 620,814 | 618,101 | 71,588 | 55,117 |
| Pennsylvania | 800,822 | 830,514 | 237,251 | 234,527 | 212,659 | 193,592 |
| **Subdistrict IC Total** | **647,610** | **637,401** | **492,095** | **487,609** | **356,580** | **333,569** |
| Florida | 30,240 | 21,929 | 162,109 | 139,057 | 57,029 | 34,013 |
| Georgia | 14,393 | 10,821 | 42,160 | 50,504 | 42,447 | 36,948 |
| North Carolina | 238,714 | 240,830 | 123,234 | 129,619 | 83,480 | 81,008 |
| South Carolina | 58,813 | 47,027 | 36,463 | 44,277 | 19,171 | 21,804 |
| Virginia | 278,832 | 292,714 | 109,206 | 109,142 | 82,046 | 77,482 |
| West Virginia | 26,618 | 24,079 | 18,922 | 15,011 | 72,406 | 82,313 |
| **PAD District II Total** | **1,199,459** | **1,313,802** | **659,821** | **717,889** | **823,790** | **718,861** |
| Illinois | 80,088 | 89,088 | 69,207 | 82,151 | 156,101 | 72,447 |
| Indiana | 115,985 | 117,319 | 58,620 | 56,174 | 129,888 | 71,576 |
| Iowa | 51,164 | 46,844 | 31,893 | 28,766 | 16,987 | 19,781 |
| Kansas | 897 | 1,254 | 11,391 | 16,178 | 18,973 | 14,194 |
| Kentucky | 31,939 | 37,255 | 22,393 | 40,976 | 154,523 | 152,600 |
| Michigan | 219,002 | 244,362 | 73,364 | 102,033 | 54,714 | 78,573 |
| Minnesota | 163,249 | 183,729 | 42,344 | 46,264 | 34,665 | 41,621 |
| Missouri | 27,478 | 26,635 | 77,984 | 69,849 | 36,968 | 38,594 |
| Nebraska | 8,467 | 8,355 | 14,868 | 12,554 | 4,107 | 5,116 |
| North Dakota | 37,603 | 40,530 | 10,166 | 6,467 | 9,518 | 12,640 |
| Ohio | 174,803 | 195,507 | 88,873 | 93,700 | 111,986 | 106,464 |
| Oklahoma | 418 | 1,172 | 17,136 | 26,213 | 21,875 | 24,679 |
| South Dakota | 35,955 | 38,625 | 17,378 | 14,495 | 5,119 | 8,409 |
| Tennessee | 9,578 | 9,476 | 48,757 | 46,311 | 42,537 | 42,657 |
| Wisconsin | 242,832 | 273,650 | 75,446 | 75,758 | 25,829 | 29,508 |
| **PAD District III Total** | **6,038** | **3,956** | **549,295** | **395,649** | **498,282** | **434,962** |
| Alabama | 1,252 | 1,773 | 48,271 | 47,236 | 89,473 | 88,349 |
| Arkansas | 65 | 55 | 15,094 | 10,684 | 22,016 | 20,300 |
| Louisiana | 79 | 99 | 78,948 | 54,428 | 50,978 | 36,289 |
| Mississippi | 669 | 180 | 33,410 | 25,175 | 24,766 | 34,130 |
| New Mexico | 533 | 514 | 29,700 | 23,573 | 100,920 | 71,161 |
| Texas | 3,441 | 1,334 | 343,872 | 234,553 | 210,129 | 184,732 |
| **PAD District IV Total** | **42,623** | **44,722** | **113,207** | **109,842** | **142,342** | **171,297** |
| Colorado | 2,481 | 2,221 | 40,252 | 42,770 | 20,577 | 45,199 |
| Idaho | 24,134 | 25,838 | 17,741 | 18,114 | 17,846 | 20,019 |
| Montana | 10,364 | 9,850 | 12,817 | 8,361 | 21,278 | 18,124 |
| Utah | 4,254 | 5,520 | 30,925 | 29,284 | 32,639 | 40,870 |
| Wyoming | 1,390 | 1,293 | 11,472 | 11,315 | 50,001 | 47,085 |
| **PAD District V Total** | **294,846** | **280,499** | **571,909** | **541,685** | **437,472** | **410,107** |
| Alaska | 67,769 | 53,971 | 44,289 | 36,760 | 6,805 | 27,629 |
| Arizona | 814 | 264 | 22,266 | 20,391 | 38,623 | 37,327 |
| California | 11,983 | 9,580 | 289,047 | 265,230 | 274,630 | 215,198 |
| Hawaii | 35 | 74 | 20,297 | 25,357 | 4,832 | 4,738 |
| Nevada | 13,652 | 12,216 | 30,003 | 19,107 | 35,521 | 57,528 |
| Oregon | 73,365 | 77,372 | 68,111 | 63,832 | 32,295 | 29,093 |
| Washington | 127,228 | 127,023 | 97,895 | 111,008 | 44,765 | 38,595 |

See footnotes at end of table.

# Table A16. Deliveries of Distillate Fuel Oil by End Use, 1987 and 1988—Continued
(Thousand Gallons)

| Destination | Oil Company | | Farm | | Electric Utility | |
|---|---|---|---|---|---|---|
| | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 |
| **U.S. Total** | **881,729** | **872,133** | **3,241,968** | **3,420,671** | **646,073** | **800,085** |
| **PAD District I Total** | **40,688** | **35,160** | **406,337** | **403,743** | **318,039** | **420,314** |
| **Subdistrict IA Total** | **3,329** | **1,492** | **18,219** | **21,679** | **18,584** | **30,371** |
| Connecticut | 2,053 | 240 | 2,513 | 1,905 | 730 | 2,405 |
| Maine | 141 | 11 | 3,930 | 6,112 | 1,647 | 606 |
| Massachusetts | 771 | 853 | 2,457 | 2,447 | 11,951 | 22,055 |
| New Hampshire | 21 | 63 | 1,596 | 2,303 | 1,124 | 1,233 |
| Rhode Island | 269 | 300 | 144 | 232 | 756 | 2,164 |
| Vermont | 74 | 25 | 7,579 | 8,679 | 2,374 | 1,908 |
| **Subdistrict IB Total** | **25,665** | **27,795** | **141,815** | **132,663** | **193,984** | **270,705** |
| Delaware | 631 | 380 | 6,111 | 6,477 | 14,956 | 6,261 |
| District of Columbia | - | - | - | - | 34,230 | 71,720 |
| Maryland | 1,198 | 843 | 21,196 | 24,984 | 31,557 | 16,697 |
| New Jersey | 1,351 | 4,946 | 17,706 | 16,849 | 16,700 | 33,155 |
| New York | 5,366 | 7,506 | 43,021 | 50,739 | 43,499 | 81,982 |
| Pennsylvania | 17,119 | 14,121 | 53,781 | 33,615 | 53,043 | 60,890 |
| **Subdistrict IC Total** | **11,693** | **5,873** | **246,303** | **249,401** | **105,470** | **119,238** |
| Florida | 785 | 938 | 81,896 | 83,471 | 45,995 | 56,055 |
| Georgia | 398 | 156 | 69,287 | 66,123 | 5,382 | 12,510 |
| North Carolina | 454 | 22 | 38,153 | 43,810 | 18,118 | 18,434 |
| South Carolina | 991 | 692 | 19,480 | 21,478 | 7,437 | 8,692 |
| Virginia | 1,569 | 1,191 | 31,598 | 29,428 | 16,091 | 17,231 |
| West Virginia | 7,497 | 2,873 | 5,888 | 5,091 | 12,448 | 6,316 |
| **PAD District II Total** | **69,020** | **58,243** | **1,434,999** | **1,525,354** | **146,680** | **161,038** |
| Illinois | 13,180 | 7,540 | 172,477 | 189,073 | 28,744 | 29,615 |
| Indiana | 888 | 1,289 | 90,390 | 85,050 | 18,922 | 19,048 |
| Iowa | 361 | 55 | 175,766 | 175,643 | 4,316 | 8,624 |
| Kansas | 6,881 | 7,730 | 132,207 | 146,670 | 2,616 | 6,280 |
| Kentucky | 603 | 574 | 50,880 | 44,062 | 10,033 | 8,740 |
| Michigan | 2,138 | 3,878 | 73,910 | 75,242 | 29,468 | 34,125 |
| Minnesota | 333 | 512 | 144,185 | 154,086 | 6,840 | 8,439 |
| Missouri | 540 | 465 | 57,913 | 75,031 | 11,601 | 9,594 |
| Nebraska | 631 | 458 | 140,097 | 159,059 | 2,418 | 647 |
| North Dakota | 6,089 | 2,686 | 86,566 | 82,674 | 1,713 | 1,999 |
| Ohio | 10,341 | 7,547 | 70,863 | 75,940 | 23,368 | 20,205 |
| Oklahoma | 25,779 | 23,790 | 41,092 | 51,635 | 177 | 66 |
| South Dakota | 13 | 11 | 83,315 | 91,500 | 74 | 1,265 |
| Tennessee | 911 | 984 | 38,275 | 37,538 | 4,046 | 2,842 |
| Wisconsin | 332 | 724 | 77,064 | 82,151 | 2,344 | 9,551 |
| **PAD District III Total** | **669,459** | **671,714** | **831,305** | **904,614** | **62,726** | **71,653** |
| Alabama | 3,304 | 2,159 | 43,392 | 37,124 | 8,530 | 7,208 |
| Arkansas | 4,103 | 1,160 | 137,183 | 153,512 | 10,946 | 11,103 |
| Louisiana | 264,374 | 301,589 | 179,567 | 177,694 | 6,506 | 13,349 |
| Mississippi | 40,164 | 40,260 | 124,457 | 122,241 | 1,105 | 4,361 |
| New Mexico | 16,542 | 16,701 | 28,544 | 26,954 | 1,317 | 387 |
| Texas | 340,970 | 309,844 | 318,162 | 387,089 | 34,322 | 35,245 |
| **PAD District IV Total** | **30,850** | **20,442** | **186,146** | **192,693** | **19,577** | **14,497** |
| Colorado | 5,012 | 4,329 | 57,527 | 62,193 | 4,341 | 3,088 |
| Idaho | 97 | 93 | 63,953 | 66,078 | 208 | 48 |
| Montana | 1,735 | 1,032 | 39,971 | 37,452 | 1,549 | 1,043 |
| Utah | 3,571 | 1,555 | 11,302 | 16,783 | 8,849 | 4,386 |
| Wyoming | 20,435 | 13,434 | 13,394 | 10,187 | 4,630 | 5,931 |
| **PAD District V Total** | **71,714** | **86,573** | **383,181** | **394,267** | **99,052** | **132,584** |
| Alaska | 9,312 | 42,770 | 76 | 358 | 25,736 | 34,863 |
| Arizona | 173 | 231 | 28,016 | 22,433 | 3,581 | 4,993 |
| California | 56,670 | 40,105 | 233,467 | 254,767 | 12,191 | 28,521 |
| Hawaii | 3,286 | 1,782 | 20,187 | 18,509 | 54,577 | 60,862 |
| Nevada | 653 | 165 | 6,304 | 8,360 | 1,415 | 1,768 |
| Oregon | 597 | 620 | 44,260 | 49,234 | 95 | 467 |
| Washington | 1,023 | 900 | 50,871 | 40,608 | 1,456 | 1,110 |

See footnotes at end of table.

# Table A16. Deliveries of Distillate Fuel Oil by End Use, 1987 and 1988—Continued
(Thousand Gallons)

| Destination | Railroad | | Vessel Bunkering | | On-Highway | |
|---|---|---|---|---|---|---|
| | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 |
| **U.S. Total** | **3,147,661** | **3,259,250** | **2,223,258** | **2,310,367** | **18,172,934** | **20,038,691** |
| **PAD District I Total** | **623,197** | **646,772** | **506,253** | **470,566** | **6,049,931** | **6,712,224** |
| **Subdistrict IA Total** | **16,501** | **18,909** | **57,200** | **46,292** | **789,600** | **836,650** |
| Connecticut | 176 | 148 | 1,669 | 6,717 | 188,172 | 212,589 |
| Maine | 8,847 | 9,209 | 2,611 | 9,216 | 157,344 | 175,344 |
| Massachusetts | 4,202 | 5,786 | 49,710 | 28,320 | 282,982 | 293,007 |
| New Hampshire | 468 | 147 | 764 | 513 | 54,975 | 58,051 |
| Rhode Island | 88 | 353 | 2,125 | 1,173 | 55,520 | 43,741 |
| Vermont | 2,719 | 3,266 | 320 | 352 | 50,607 | 53,918 |
| **Subdistrict IB Total** | **172,454** | **213,996** | **203,380** | **179,289** | **2,319,009** | **2,497,825** |
| Delaware | 90 | 1,754 | 5,713 | 3,663 | 58,756 | 55,412 |
| District of Columbia | 402 | 4,124 | 29 | 34 | 21,822 | 23,033 |
| Maryland | 30,052 | 32,461 | 9,355 | 8,129 | 289,433 | 299,521 |
| New Jersey | 37,882 | 51,938 | 120,272 | 131,351 | 446,805 | 477,858 |
| New York | 31,033 | 37,347 | 35,488 | 10,926 | 633,543 | 713,826 |
| Pennsylvania | 72,994 | 86,371 | 32,523 | 25,185 | 868,650 | 928,175 |
| **Subdistrict IC Total** | **434,241** | **413,868** | **245,674** | **244,986** | **2,941,322** | **3,377,749** |
| Florida | 120,725 | 98,562 | 125,796 | 105,463 | 654,444 | 832,093 |
| Georgia | 88,701 | 86,978 | 9,210 | 24,757 | 772,080 | 831,267 |
| North Carolina | 57,175 | 54,875 | 9,493 | 8,625 | 580,195 | 711,035 |
| South Carolina | 38,296 | 37,173 | 15,699 | 8,945 | 282,618 | 310,365 |
| Virginia | 117,060 | 123,612 | 38,282 | 52,397 | 501,785 | 532,848 |
| West Virginia | 12,284 | 12,668 | 47,194 | 44,799 | 150,200 | 160,141 |
| **PAD District II Total** | **1,223,759** | **1,296,994** | **256,813** | **295,067** | **6,226,136** | **6,645,800** |
| Illinois | 117,558 | 91,107 | 19,633 | 25,426 | 724,982 | 771,386 |
| Indiana | 185,655 | 194,874 | 12,014 | 10,966 | 698,704 | 628,647 |
| Iowa | 42,189 | 37,483 | 1,222 | 1,600 | 322,226 | 333,931 |
| Kansas | 148,252 | 151,350 | - | - | 351,717 | 331,926 |
| Kentucky | 122,068 | 122,547 | 85,395 | 85,058 | 356,046 | 512,517 |
| Michigan | 51,430 | 43,557 | 3,934 | 10,373 | 511,402 | 526,217 |
| Minnesota | 40,827 | 42,964 | 1,431 | 1,165 | 313,255 | 331,701 |
| Missouri | 30,314 | 35,426 | 38,863 | 46,860 | 487,063 | 535,424 |
| Nebraska | 126,525 | 162,856 | - | - | 201,094 | 217,014 |
| North Dakota | 37,165 | 39,663 | 560 | - | 88,184 | 89,873 |
| Ohio | 136,386 | 151,825 | 1,852 | 4,210 | 751,521 | 861,428 |
| Oklahoma | 55,498 | 66,814 | 1,523 | 369 | 383,820 | 394,165 |
| South Dakota | 1,694 | 1,767 | - | - | 89,852 | 91,906 |
| Tennessee | 89,033 | 93,724 | 82,357 | 103,212 | 562,038 | 578,829 |
| Wisconsin | 39,166 | 61,036 | 8,029 | 5,828 | 384,232 | 440,836 |
| **PAD District III Total** | **580,804** | **597,323** | **895,743** | **950,190** | **2,869,395** | **3,012,582** |
| Alabama | 69,164 | 66,615 | 66,895 | 65,291 | 404,744 | 480,340 |
| Arkansas | 29,116 | 21,825 | 721 | 257 | 322,040 | 346,026 |
| Louisiana | 68,469 | 73,523 | 418,116 | 504,804 | 344,059 | 383,054 |
| Mississippi | 12,438 | 15,565 | 64,719 | 105,086 | 289,999 | 302,361 |
| New Mexico | 49,472 | 46,652 | - | - | 189,499 | 204,734 |
| Texas | 352,146 | 373,144 | 345,293 | 274,752 | 1,319,054 | 1,296,067 |
| **PAD District IV Total** | **238,811** | **300,702** | **97** | **81** | **716,968** | **725,429** |
| Colorado | 60,226 | 70,093 | - | - | 184,224 | 188,922 |
| Idaho | 20,024 | 23,782 | 97 | 81 | 102,878 | 99,626 |
| Montana | 67,173 | 59,640 | - | - | 106,998 | 115,899 |
| Utah | 34,532 | 35,188 | - | - | 140,894 | 149,108 |
| Wyoming | 56,856 | 111,999 | - | - | 181,974 | 171,874 |
| **PAD District V Total** | **481,090** | **417,459** | **564,352** | **594,463** | **2,310,504** | **2,942,656** |
| Alaska | 3,926 | 3,042 | 71,125 | 63,341 | 61,624 | 83,235 |
| Arizona | 37,439 | 23,781 | - | - | 269,026 | 299,981 |
| California | 237,239 | 194,446 | 301,011 | 370,162 | 1,256,749 | 1,760,085 |
| Hawaii | 39 | 19 | 39,061 | 60,545 | 20,219 | 21,935 |
| Nevada | 38,042 | 29,855 | - | - | 119,411 | 118,022 |
| Oregon | 103,546 | 91,261 | 35,403 | 33,063 | 269,015 | 302,381 |
| Washington | 60,857 | 75,056 | 117,752 | 67,352 | 314,460 | 357,017 |

See footnotes at end of table.

# Table A16. Deliveries of Distillate Fuel Oil by End Use, 1987 and 1988—Continued
(Thousand Gallons)

| Destination | Military | | Off-Highway | | All Other | | Total | |
|---|---|---|---|---|---|---|---|---|
| | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 |
| **U.S. Total** | **884,392** | **980,877** | **1,732,106** | **1,821,819** | **75,815** | **66,763** | **45,629,346** | **47,985,420** |
| **PAD District I Total** | **149,504** | **179,235** | **383,592** | **415,066** | **24,169** | **15,811** | **17,786,034** | **18,570,384** |
| **Subdistrict IA Total** | **14,043** | **13,837** | **55,314** | **64,179** | **1,527** | **674** | **3,693,409** | **3,762,185** |
| Connecticut | 3,906 | 1,305 | 11,894 | 12,010 | 976 | 281 | 885,432 | 957,661 |
| Maine | 1,825 | 2,304 | 13,662 | 20,028 | 138 | - | 502,548 | 574,305 |
| Massachusetts | 5,603 | 3,850 | 14,873 | 17,627 | 189 | 66 | 1,551,961 | 1,501,415 |
| New Hampshire | 946 | 75 | 9,256 | 6,110 | 7 | - | 316,658 | 284,329 |
| Rhode Island | 1,027 | 5,682 | 1,085 | 999 | 80 | 185 | 253,910 | 249,646 |
| Vermont | 736 | 620 | 4,544 | 7,404 | 136 | 142 | 182,901 | 194,829 |
| **Subdistrict IB Total** | **60,099** | **36,071** | **124,735** | **134,658** | **6,319** | **3,286** | **8,316,407** | **8,581,098** |
| Delaware | 1,242 | 33 | 2,948 | 3,384 | - | 94 | 169,983 | 160,738 |
| District of Columbia | 10,618 | 8,836 | 165 | 81 | 13 | - | 112,055 | 143,240 |
| Maryland | 13,528 | 3,930 | 17,940 | 15,272 | 4,012 | 2,710 | 756,885 | 759,648 |
| New Jersey | 8,370 | 6,008 | 22,854 | 28,363 | 524 | 32 | 1,814,128 | 1,900,310 |
| New York | 3,807 | 12,611 | 41,920 | 41,963 | 475 | 263 | 3,051,777 | 3,159,737 |
| Pennsylvania | 22,535 | 4,653 | 38,908 | 45,595 | 1,294 | 187 | 2,411,580 | 2,457,425 |
| **Subdistrict IC Total** | **75,362** | **129,327** | **203,544** | **216,230** | **16,323** | **11,851** | **5,776,217** | **6,227,101** |
| Florida | 32,760 | 28,773 | 71,958 | 56,154 | 591 | 1,489 | 1,384,330 | 1,457,996 |
| Georgia | 9,868 | 12,085 | 33,482 | 35,397 | 4,886 | 4,165 | 1,092,293 | 1,171,711 |
| North Carolina | 4,938 | 4,308 | 32,484 | 28,443 | 5,343 | 2,780 | 1,191,782 | 1,323,790 |
| South Carolina | 2,449 | 3,221 | 16,671 | 24,928 | 2,272 | 1,277 | 500,360 | 529,879 |
| Virginia | 25,011 | 80,442 | 28,440 | 53,024 | 3,231 | 2,112 | 1,233,151 | 1,371,623 |
| West Virginia | 336 | 498 | 20,510 | 18,285 | - | 28 | 374,302 | 372,102 |
| **PAD District II Total** | **53,304** | **50,752** | **403,348** | **414,244** | **33,025** | **40,819** | **12,530,154** | **13,238,862** |
| Illinois | 863 | 1,879 | 59,567 | 56,630 | 1,873 | 3,544 | 1,444,273 | 1,419,887 |
| Indiana | 4,571 | 4,031 | 13,395 | 17,954 | 4,340 | 3,198 | 1,333,373 | 1,210,126 |
| Iowa | 310 | 110 | 13,173 | 17,335 | 1,883 | 2,848 | 661,491 | 673,021 |
| Kansas | 3,670 | 1,947 | 21,062 | 17,127 | 1,368 | 1,518 | 699,033 | 696,175 |
| Kentucky | 5,971 | 10,793 | 21,543 | 21,276 | 1,598 | 719 | 862,991 | 1,037,117 |
| Michigan | 8,150 | 3,222 | 45,303 | 49,716 | 3,031 | 2,192 | 1,075,846 | 1,173,490 |
| Minnesota | 2,404 | 2,704 | 17,221 | 23,638 | 2,935 | 2,122 | 769,690 | 838,945 |
| Missouri | 6,879 | 6,309 | 33,224 | 37,120 | 3,602 | 6,791 | 812,428 | 888,098 |
| Nebraska | 1,260 | 1,423 | 17,881 | 18,094 | 241 | - | 517,588 | 585,578 |
| North Dakota | 2,512 | 2,505 | 5,562 | 5,470 | 390 | 76 | 286,029 | 284,583 |
| Ohio | 9,808 | 9,006 | 28,130 | 27,752 | 1,375 | 358 | 1,409,305 | 1,553,942 |
| Oklahoma | 2,045 | 2,412 | 29,677 | 28,108 | 4,616 | 4,616 | 583,655 | 624,037 |
| South Dakota | 2,098 | 730 | 11,838 | 11,684 | 265 | 336 | 247,601 | 260,730 |
| Tennessee | 1,552 | 1,054 | 63,348 | 59,940 | 1,033 | 1,236 | 943,467 | 977,804 |
| Wisconsin | 1,210 | 2,626 | 22,425 | 22,398 | 4,475 | 11,264 | 883,384 | 1,015,329 |
| **PAD District III Total** | **368,253** | **407,584** | **444,094** | **505,034** | **8,803** | **8,780** | **7,784,196** | **7,964,040** |
| Alabama | 6,712 | 4,853 | 49,742 | 53,110 | 1,711 | 3,578 | 793,189 | 857,636 |
| Arkansas | 1,759 | 2,467 | 31,618 | 30,943 | 866 | 2,793 | 575,527 | 601,125 |
| Louisiana | 62,644 | 20,955 | 66,459 | 74,854 | 2,331 | 297 | 1,542,530 | 1,640,937 |
| Mississippi | 68,112 | 116,607 | 41,235 | 33,755 | 1,690 | 880 | 702,763 | 800,602 |
| New Mexico | 6,933 | 1,882 | 22,965 | 35,167 | 138 | 0 | 446,563 | 427,725 |
| Texas | 222,093 | 260,820 | 232,075 | 277,203 | 2,067 | 1,232 | 3,723,624 | 3,636,015 |
| **PAD District IV Total** | **16,537** | **15,584** | **98,682** | **115,045** | **5,827** | **410** | **1,611,666** | **1,710,744** |
| Colorado | 11,592 | 8,482 | 28,248 | 43,198 | 326 | 33 | 414,806 | 470,526 |
| Idaho | 2,735 | 2,542 | 18,379 | 17,004 | 291 | - | 268,385 | 273,223 |
| Montana | 435 | 480 | 12,565 | 11,171 | 145 | 213 | 275,031 | 263,266 |
| Utah | 1,314 | 3,797 | 16,630 | 21,284 | 338 | - | 285,248 | 307,776 |
| Wyoming | 459 | 283 | 22,860 | 22,388 | 4,726 | 165 | 368,196 | 395,953 |
| **PAD District V Total** | **296,795** | **327,723** | **402,390** | **372,431** | **3,992** | **943** | **5,917,296** | **6,501,390** |
| Alaska | 27,611 | 17,561 | 25,802 | 13,855 | 227 | 40 | 344,301 | 377,423 |
| Arizona | 1,422 | 1,324 | 35,560 | 25,285 | 93 | - | 437,012 | 436,010 |
| California | 233,580 | 221,645 | 201,486 | 208,735 | 1,639 | 811 | 3,109,692 | 3,569,284 |
| Hawaii | 13,312 | 54,672 | 4,288 | 7,227 | - | - | 180,134 | 255,720 |
| Nevada | 1,967 | 4,928 | 25,818 | 32,792 | 458 | 33 | 273,244 | 284,773 |
| Oregon | 3,256 | 1,390 | 50,498 | 43,412 | 247 | - | 680,689 | 692,124 |
| Washington | 15,649 | 26,205 | 58,938 | 41,125 | 1,328 | 59 | 892,223 | 886,056 |

Dashes (-) = No data reported.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1987 and 1988.
• Electric Utility data are based on data obtained on Form EIA-759, "Monthly Power Plant Report," and Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."
• Railroad data for distillate fuel oil are based on Association of American Railroads' statistics for railroads of Class I and Amtrak Companies.
• On-Highway Diesel data are obtained from information on highway use of special fuels gathered by the Federal Highway Administration.
• Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1987 and 1988, (DOE/EIA-0340(87)/1 - (88)/1).

# Table A17. Deliveries of Residual Fuel Oil by End Use, 1987 and 1988
(Thousand Gallons)

| Destination | Commercial | | Industrial | | Oil Company | | Electric Utility | |
|---|---|---|---|---|---|---|---|---|
| | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 |
| **U.S. Total** | **1,764,531** | **1,788,728** | **3,810,345** | **3,855,070** | **502,615** | **433,294** | **7,631,898** | **9,540,878** |
| **PAD District I Total** | **1,046,861** | **1,083,004** | **1,378,749** | **1,358,836** | **55,193** | **70,652** | **6,932,080** | **8,048,533** |
| **Subdistrict IA Total** | **170,539** | **243,312** | **469,873** | **386,092** | **-** | **210** | **2,416,248** | **2,341,607** |
| Connecticut | 38,676 | 42,331 | 58,832 | 64,819 | - | 210 | 776,584 | 706,921 |
| Maine | 20,992 | 58,354 | 123,998 | 154,450 | - | - | 165,440 | 184,248 |
| Massachusetts | 84,667 | 106,355 | 212,160 | 113,447 | - | - | 1,318,023 | 1,219,964 |
| New Hampshire | 8,384 | 15,150 | 42,797 | 28,217 | - | - | 124,555 | 199,724 |
| Rhode Island | 15,103 | 19,242 | 24,845 | 19,664 | - | - | 31,645 | 30,750 |
| Vermont | 2,718 | 1,880 | 7,241 | 5,496 | - | - | - | - |
| **Subdistrict IB Total** | **754,171** | **722,447** | **498,309** | **452,351** | **49,951** | **66,216** | **3,123,313** | **3,959,641** |
| Delaware | 4,931 | 5,514 | 22,959 | 21,542 | 4,802 | 13,245 | 97,830 | 131,732 |
| District of Columbia | 24,423 | 6,893 | - | - | - | - | - | - |
| Maryland | 54,307 | 22,317 | 22,337 | 30,198 | 1,503 | 2,699 | 180,516 | 214,869 |
| New Jersey | 70,965 | 88,596 | 179,640 | 158,008 | 1,370 | 5,405 | 319,839 | 565,072 |
| New York | 563,858 | 563,523 | 149,824 | 148,931 | 1,088 | 864 | 2,106,237 | 2,642,176 |
| Pennsylvania | 35,688 | 35,604 | 123,550 | 93,671 | 41,188 | 44,004 | 418,891 | 405,791 |
| **Subdistrict IC Total** | **122,151** | **117,245** | **410,567** | **520,393** | **5,242** | **4,226** | **1,392,519** | **1,747,284** |
| Florida | 60,201 | 65,351 | 52,888 | 123,738 | 16 | 148 | 1,175,781 | 1,610,455 |
| Georgia | 29,535 | 23,794 | 43,151 | 52,959 | 305 | 518 | 6,566 | 3,106 |
| North Carolina | 1,868 | 8,758 | 163,775 | 166,570 | 1,437 | 1,531 | - | - |
| South Carolina | 1,005 | 1,450 | 54,483 | 76,094 | - | 86 | - | - |
| Virginia | 29,434 | 12,529 | 83,272 | 88,195 | 537 | 548 | 210,172 | 133,724 |
| West Virginia | 109 | 5,364 | 12,997 | 12,837 | 2,947 | 1,395 | - | - |
| **PAD District II Total** | **83,134** | **89,135** | **494,670** | **535,374** | **163,913** | **178,390** | **181,427** | **207,313** |
| Illinois | 40,298 | 26,349 | 80,391 | 80,448 | 39,679 | 54,890 | 133,635 | 88,120 |
| Indiana | 12,306 | 10,958 | 76,709 | 66,328 | 64,899 | 58,231 | - | - |
| Iowa | 785 | 898 | 4,049 | 10,837 | - | - | - | - |
| Kansas | 13 | 34 | 9,710 | 22,900 | 4,757 | 8,471 | - | 857 |
| Kentucky | 37 | 1,755 | 27,978 | 14,496 | 9,666 | 9,641 | - | - |
| Michigan | 5,938 | 8,760 | 78,214 | 87,920 | 10,834 | 10,087 | 28,588 | 84,750 |
| Minnesota | 5,700 | 13,494 | 38,002 | 32,289 | 9,313 | 11,588 | - | 18 |
| Missouri | 5,281 | 4,587 | 23,638 | 24,181 | - | - | 10,994 | 10,100 |
| Nebraska | 12 | 597 | 9,072 | 14,655 | 17 | - | 5,047 | 4,395 |
| North Dakota | 1,475 | 2,102 | 4,803 | 5,864 | 8,274 | 7,947 | 287 | 149 |
| Ohio | 2,195 | 3,590 | 72,490 | 95,190 | 11,898 | 11,188 | 2,876 | 18,924 |
| Oklahoma | 720 | 261 | 13,901 | 29,625 | - | - | - | - |
| South Dakota | 325 | 1,009 | 2,048 | 2,378 | - | - | - | - |
| Tennessee | 2,932 | 3,461 | 10,967 | 15,966 | 230 | 265 | - | - |
| Wisconsin | 5,115 | 11,278 | 42,699 | 32,297 | 4,345 | 6,082 | - | - |
| **PAD District III Total** | **514,143** | **500,819** | **1,630,878** | **1,709,023** | **70,331** | **19,417** | **8,167** | **71,158** |
| Alabama | 162,819 | 239,051 | 232,027 | 228,899 | 7,972 | 7,646 | - | - |
| Arkansas | - | - | 112,818 | 74,254 | - | - | 156 | 5,737 |
| Louisiana | 113,758 | 72,608 | 895,919 | 953,765 | 15,614 | 5,101 | 814 | 9,319 |
| Mississippi | 9,666 | 5,470 | 27,073 | 227,266 | - | - | 5,781 | 46,542 |
| New Mexico | - | - | 24,033 | 26,452 | 168 | - | 546 | 1,430 |
| Texas | 227,900 | 183,691 | 339,009 | 198,385 | 46,577 | 6,670 | 869 | 8,132 |
| **PAD District IV Total** | **42,489** | **34,368** | **55,095** | **51,859** | **49,829** | **70,617** | **-** | **148** |
| Colorado | - | - | 8,860 | 1,001 | - | - | - | 51 |
| Idaho | 2,477 | 1,282 | 13,912 | 9,400 | - | - | - | - |
| Montana | 3,304 | 1,659 | 2,499 | 5,459 | - | 34,814 | - | - |
| Utah | 29,024 | 8,935 | 25,894 | 24,300 | 36,852 | 21,436 | - | - |
| Wyoming | 7,685 | 22,492 | 3,930 | 11,700 | 12,977 | 14,367 | - | 97 |
| **PAD District V Total** | 77,904 | 81,403 | 250,954 | 199,979 | 163,350 | 94,218 | 510,225 | 1,213,726 |
| Alaska | 34,123 | 5,064 | 17,738 | - | - | - | - | 139 |
| Arizona | - | 15 | 304 | 512 | - | - | 333 | 1,110 |
| California | 16,483 | 13,463 | 110,579 | 70,687 | 142,937 | 72,778 | 61,948 | 673,885 |
| Hawaii | 22,334 | 53,758 | 2,875 | 2,234 | 13,814 | 14,606 | 433,360 | 500,191 |
| Nevada | 190 | 90 | 1,125 | 1,679 | 433 | 344 | 14,063 | 38,401 |
| Oregon | 3,819 | 5,417 | 27,001 | 25,357 | 418 | 902 | - | - |
| Washington | 954 | 3,596 | 91,332 | 99,510 | 5,749 | 5,588 | 520 | - |

See footnotes at end of table.

# Table A17. Deliveries of Residual Fuel Oil by End Use, 1987 and 1988—Continued

(Thousand Gallons)

| Destination | Railroad | | Vessel Bunkering | | Military | | All Other | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 |
| **U.S. Total** | **294** | **33** | **5,259,272** | **5,248,981** | **191,045** | **[E] 137,287** | **223,168** | **175,279** | **19,383,168** | **21,179,550** |
| **PAD District I Total** | **290** | **-** | **839,368** | **933,547** | **178,542** | **105,464** | **5,623** | **3,304** | **10,436,706** | **11,603,340** |
| **Subdistrict IA Total** | **270** | **-** | **9,675** | **34,404** | **31,375** | **23,830** | **-** | **-** | **3,097,980** | **3,029,455** |
| Connecticut | - | - | 202 | 876 | 3,488 | 4,924 | - | - | 877,782 | 820,082 |
| Maine | 270 | - | 117 | 12,270 | 2,145 | - | - | - | 312,962 | 409,322 |
| Massachusetts | - | - | 9,098 | 16,311 | 4,484 | 5,785 | - | - | 1,628,432 | 1,461,862 |
| New Hampshire | - | - | 16 | 445 | 12,449 | 6,363 | - | - | 188,201 | 249,899 |
| Rhode Island | - | - | 242 | 4,501 | 8,676 | 6,758 | - | - | 80,511 | 80,914 |
| Vermont | - | - | - | - | 133 | - | - | - | 10,092 | 7,376 |
| **Subdistrict IB Total** | **-** | **-** | **533,768** | **548,917** | **68,158** | **47,454** | **5,342** | **2,945** | **5,033,013** | **5,799,972** |
| Delaware | - | - | 28,315 | 25,630 | 1,498 | - | - | - | 160,336 | 197,663 |
| District of Columbia | - | - | - | - | - | 499 | - | - | 24,423 | 7,392 |
| Maryland | - | - | 31,580 | 62,820 | 42,371 | 23,654 | - | - | 332,613 | 356,558 |
| New Jersey | - | - | 286,705 | 220,204 | 7,441 | 6,920 | 886 | 60 | 866,845 | 1,044,265 |
| New York | - | - | 46,638 | 81,687 | 13,176 | 13,303 | 4,457 | 2,884 | 2,885,277 | 3,453,368 |
| Pennsylvania | - | - | 140,530 | 158,577 | 3,672 | 3,078 | - | - | 763,519 | 740,726 |
| **Subdistrict IC Total** | **20** | **-** | **295,925** | **350,226** | **79,009** | **34,180** | **281** | **360** | **2,305,713** | **2,773,913** |
| Florida | - | - | 199,984 | 235,237 | 51,075 | 9,476 | 102 | 173 | 1,540,047 | 2,044,577 |
| Georgia | - | - | 11,401 | 12,092 | 1,403 | 1,783 | - | - | 92,361 | 94,252 |
| North Carolina | - | - | 11,382 | 5,898 | 9,668 | 10,411 | 178 | 187 | 188,309 | 193,355 |
| South Carolina | - | - | 13,598 | 19,391 | 1,284 | 5,360 | - | - | 70,371 | 102,381 |
| Virginia | 20 | - | 59,559 | 77,609 | 15,578 | 7,149 | 0 | - | 398,572 | 319,753 |
| West Virginia | - | - | - | - | - | - | - | - | 16,054 | 19,596 |
| **PAD District II Total** | **4** | **33** | **12,238** | **24,593** | **1,582** | **4,921** | **1,397** | **246** | **938,364** | **1,040,004** |
| Illinois | - | - | 4,461 | 15,351 | - | 155 | - | 40 | 298,464 | 265,353 |
| Indiana | - | - | 4,923 | 6,831 | - | - | - | - | 158,837 | 142,348 |
| Iowa | - | - | - | - | 438 | - | - | - | 5,272 | 11,735 |
| Kansas | - | - | - | - | - | - | - | - | 14,481 | 32,263 |
| Kentucky | - | - | - | - | - | - | - | - | 37,681 | 25,892 |
| Michigan | - | - | 1,319 | 1,315 | 1,144 | - | 42 | - | 126,079 | 192,832 |
| Minnesota | - | 11 | 174 | 306 | - | - | 195 | 190 | 53,385 | 57,895 |
| Missouri | - | 22 | - | - | - | 4,218 | - | - | 39,913 | 43,107 |
| Nebraska | 4 | - | - | - | - | - | 10 | 16 | 14,162 | 19,664 |
| North Dakota | - | - | - | - | - | - | 1,150 | - | 15,989 | 16,062 |
| Ohio | - | - | 1,339 | 524 | - | - | - | - | 90,798 | 129,416 |
| Oklahoma | - | - | - | - | - | - | - | - | 14,621 | 29,886 |
| South Dakota | - | - | - | - | - | - | - | - | 2,373 | 3,387 |
| Tennessee | - | - | 21 | 66 | - | 548 | - | - | 14,150 | 20,306 |
| Wisconsin | - | - | - | 200 | - | - | - | - | 52,158 | 49,857 |
| **PAD District III Total** | **-** | **-** | **1,646,922** | **1,794,626** | **579** | **4,292** | **203,652** | **159,381** | **4,074,672** | **4,258,716** |
| Alabama | - | - | 54,842 | 74,707 | 579 | 28 | - | - | 458,240 | 550,331 |
| Arkansas | - | - | - | - | - | - | - | - | 112,973 | 79,991 |
| Louisiana | - | - | 800,830 | 847,838 | - | 4,264 | 17,428 | 12,636 | 1,844,363 | 1,905,531 |
| Mississippi | - | - | 67,230 | 64,215 | - | - | - | - | 109,750 | 343,492 |
| New Mexico | - | - | - | - | - | - | - | - | 24,747 | 27,882 |
| Texas | - | - | 724,019 | 807,866 | - | - | 186,224 | 146,745 | 1,524,599 | 1,351,488 |
| **PAD District IV Total** | **-** | **-** | **-** | **-** | **-** | **-** | **5,972** | **172** | **153,384** | **157,164** |
| Colorado | - | - | - | - | - | - | - | - | 8,860 | 1,051 |
| Idaho | - | - | - | - | - | - | - | - | 16,388 | 10,682 |
| Montana | - | - | - | - | - | - | 76 | - | 5,879 | 41,932 |
| Utah | - | - | - | - | - | - | - | - | 91,769 | 54,670 |
| Wyoming | - | - | - | - | - | - | 5,896 | 172 | 30,488 | 48,829 |
| **PAD District V Total** | - | - | 2,760,744 | **[a] 2,496,215** | 10,341 | 22,610 | 6,524 | 12,175 | 3,780,042 | 4,120,326 |
| Alaska | - | - | 5,404 | 5,624 | - | - | - | - | 57,265 | 10,828 |
| Arizona | - | - | - | - | - | - | - | - | 637 | 1,636 |
| California | - | - | 2,186,577 | 1,878,459 | 4,934 | 7,162 | - | - | 2,523,458 | 2,716,435 |
| Hawaii | - | - | 48,618 | 63,078 | 1,163 | 3,191 | 6,484 | 12,083 | 528,648 | 649,142 |
| Nevada | - | - | - | - | - | - | - | - | 15,812 | 40,513 |
| Oregon | - | - | 148,752 | 169,417 | 2,630 | 236 | - | 13 | 182,620 | 201,342 |
| Washington | - | - | 371,393 | 379,637 | 1,615 | 12,021 | 39 | 78 | 471,602 | 500,430 |

[a] See Technical Note 3 for adjustment to vessel bunkering data.
[E] Estimated data. Annual estimate is based on eleven months of data.
Dashes (-) = No data reported.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1987 and 1988.
• Electric Utility data are based on data obtained on Form EIA-759, "Monthly Power Plant Report," and Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."
• Vessel Bunkering data for residual fuel oil are based on EIA estimates of intercoastal bunkering and the Bureau of the Census Report, "United States Foreign Trade, Bunker Fuels."
• Military data for residual fuel oil are based on Defense Fuel Supply Center's "DEIS Report."
• Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1987 and 1988, (DOE/EIA-0340(87)/1 - (88)/1).

# Table A18. Deliveries of Kerosene by End Use, 1987 and 1988
(Thousand Gallons)

| Destination | Residential | | Commercial | | Industrial | |
|---|---|---|---|---|---|---|
| | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 |
| **U.S. Total** | **671,350** | **770,042** | **267,437** | **306,584** | **160,057** | **188,117** |
| **PAD District I Total** | **416,867** | **402,647** | **48,609** | **44,933** | **20,027** | **39,406** |
| **Subdistrict IA Total** | **55,865** | **45,154** | **6,682** | **7,878** | **1,824** | **6,986** |
| Connecticut | 9,778 | 7,811 | 2,685 | 1,288 | 553 | 4,842 |
| Maine | 15,166 | 15,219 | 994 | 3,091 | 69 | 344 |
| Massachusetts | 12,750 | 5,811 | 1,203 | 1,369 | 617 | 800 |
| New Hampshire | 9,692 | 8,488 | 877 | 846 | 523 | 135 |
| Rhode Island | 2,445 | 1,858 | 130 | 53 | 46 | 0 |
| Vermont | 6,034 | 5,967 | 793 | 1,231 | 17 | 866 |
| **Subdistrict IB Total** | **177,016** | **178,129** | **19,122** | **16,266** | **9,885** | **23,273** |
| Delaware | 8,114 | 5,883 | 401 | 521 | 46 | 48 |
| District of Columbia | 257 | 164 | 13 | 83 | 23 | 5 |
| Maryland | 27,318 | 25,536 | 553 | 1,228 | 228 | 2,064 |
| New Jersey | 12,336 | 9,149 | 2,630 | 2,254 | 3,319 | 2,218 |
| New York | 77,279 | 80,759 | 7,645 | 4,023 | 954 | 14,520 |
| Pennsylvania | 51,713 | 56,638 | 7,880 | 8,158 | 5,315 | 4,418 |
| **Subdistrict IC Total** | **183,987** | **179,364** | **22,805** | **20,789** | **8,318** | **9,147** |
| Florida | 15,166 | 12,691 | 11,227 | 8,109 | 105 | 797 |
| Georgia | 3,125 | 3,989 | 815 | 411 | 296 | 717 |
| North Carolina | 77,210 | 79,124 | 3,307 | 4,985 | 3,905 | 3,597 |
| South Carolina | 27,767 | 24,839 | 1,267 | 503 | 1,940 | 2,166 |
| Virginia | 52,477 | 51,006 | 4,750 | 5,242 | 740 | 1,038 |
| West Virginia | 8,241 | 7,714 | 1,438 | 1,538 | 1,333 | 832 |
| **PAD District II Total** | **118,451** | **152,921** | **19,864** | **33,738** | **22,341** | **18,317** |
| Illinois | 5,523 | 8,177 | 1,543 | 2,229 | 3,089 | 1,693 |
| Indiana | 14,902 | 19,572 | 1,828 | 2,960 | 3,750 | 2,782 |
| Iowa | 2,123 | 2,944 | 220 | 190 | 46 | 154 |
| Kansas | 687 | 759 | 567 | 361 | 94 | 69 |
| Kentucky | 16,457 | 24,333 | 2,478 | 5,409 | 4,194 | 5,924 |
| Michigan | 12,007 | 15,084 | 543 | 705 | 2,044 | 1,945 |
| Minnesota | 2,761 | 4,338 | 200 | 179 | 26 | 42 |
| Missouri | 1,970 | 2,195 | 231 | 614 | 52 | 224 |
| Nebraska | 485 | 608 | 159 | 73 | 2,370 | 37 |
| North Dakota | 210 | 294 | 42 | 41 | - | 0 |
| Ohio | 39,581 | 47,498 | 6,977 | 9,973 | 2,863 | 3,684 |
| Oklahoma | 805 | 941 | 194 | 1,616 | 1,102 | 219 |
| South Dakota | 544 | 516 | 24 | 9 | 1 | 5 |
| Tennessee | 16,651 | 23,642 | 4,683 | 9,127 | 2,599 | 1,425 |
| Wisconsin | 3,743 | 2,019 | 175 | 252 | 111 | 113 |
| **PAD District III Total** | **132,382** | **201,534** | **118,356** | **159,407** | **111,463** | **123,720** |
| Alabama | 39,629 | 98,719 | 32,481 | 9,669 | 14,725 | 6,435 |
| Arkansas | 14,052 | 19,438 | 3,180 | 7,350 | 6,074 | 6,854 |
| Louisiana | 6,451 | 8,814 | 13,974 | 84,328 | 21,412 | 27,976 |
| Mississippi | 18,424 | 21,327 | 4,172 | 2,776 | 26,287 | 29,000 |
| New Mexico | 14,457 | 8,717 | 10,166 | 23,751 | 9,297 | 4,538 |
| Texas | 39,370 | 44,519 | 54,384 | 31,533 | 33,669 | 48,916 |
| **PAD District IV Total** | **1,515** | **1,728** | **1,578** | **855** | **323** | **1,131** |
| Colorado | 899 | 1,144 | 864 | 499 | 134 | 546 |
| Idaho | 213 | 257 | 61 | 46 | 6 | 10 |
| Montana | 44 | 50 | 1 | 1 | - | 0 |
| Utah | 287 | 223 | 579 | 170 | 65 | 460 |
| Wyoming | 71 | 54 | 73 | 139 | 118 | 115 |
| **PAD District V Total** | **2,135** | **11,212** | **79,029** | **67,651** | **5,902** | **5,543** |
| Alaska | 11 | 192 | 65,325 | 10,965 | 5 | 7 |
| Arizona | 42 | 186 | 280 | 38 | 356 | 2,946 |
| California | 1,117 | 5,873 | 2,292 | 5,102 | 5,199 | 1,567 |
| Hawaii | 0 | 0 | 25 | 15 | 2 | 8 |
| Nevada | 275 | 975 | 52 | 486 | 148 | 115 |
| Oregon | 138 | 554 | 72 | 515 | 14 | 80 |
| Washington | 552 | 3,432 | 10,984 | 50,530 | 178 | 819 |

See footnotes at end of table.

# Table A18. Deliveries of Kerosene by End Use, 1987 and 1988—Continued
(Thousand Gallons)

| Destination | Farm | | All Other | | Total | |
|---|---|---|---|---|---|---|
| | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 |
| **U.S. Total** | **34,761** | **45,990** | **315,900** | **167,583** | **1,449,504** | **1,478,316** |
| **PAD District I Total** | **11,178** | **9,542** | **37,222** | **23,936** | **533,904** | **520,464** |
| **Subdistrict IA Total** | **989** | **1,137** | **2,124** | **995** | **67,484** | **62,150** |
| Connecticut | 15 | 10 | 906 | 93 | 13,937 | 14,044 |
| Maine | 412 | 365 | 449 | 366 | 17,091 | 19,385 |
| Massachusetts | 4 | 5 | 418 | 133 | 14,992 | 8,118 |
| New Hampshire | 15 | 27 | 98 | 46 | 11,205 | 9,541 |
| Rhode Island | 0 | 0 | 27 | 319 | 2,648 | 2,231 |
| Vermont | 543 | 730 | 226 | 37 | 7,612 | 8,831 |
| **Subdistrict IB Total** | **4,854** | **3,091** | **29,317** | **16,268** | **240,194** | **237,027** |
| Delaware | 283 | 177 | 15 | 2 | 8,858 | 6,630 |
| District of Columbia | - | - | 27 | 29 | 320 | 281 |
| Maryland | 362 | 168 | 624 | 601 | 29,085 | 29,596 |
| New Jersey | 233 | 15 | 13,183 | 13,142 | 31,700 | 26,778 |
| New York | 1,381 | 1,884 | 12,770 | 916 | 100,030 | 102,102 |
| Pennsylvania | 2,595 | 848 | 2,698 | 1,578 | 70,200 | 71,640 |
| **Subdistrict IC Total** | **5,335** | **5,314** | **5,781** | **6,674** | **226,226** | **221,287** |
| Florida | 73 | 25 | 811 | 752 | 27,383 | 22,375 |
| Georgia | 784 | 870 | 277 | 547 | 5,297 | 6,534 |
| North Carolina | 2,170 | 2,617 | 1,509 | 2,847 | 88,101 | 93,171 |
| South Carolina | 608 | 462 | 1,113 | 811 | 32,695 | 28,782 |
| Virginia | 1,328 | 1,114 | 934 | 739 | 60,229 | 59,138 |
| West Virginia | 371 | 225 | 1,137 | 978 | 12,521 | 11,288 |
| **PAD District II Total** | **9,434** | **8,911** | **5,764** | **9,678** | **175,854** | **223,566** |
| Illinois | 791 | 757 | 253 | 363 | 11,199 | 13,219 |
| Indiana | 768 | 672 | 944 | 878 | 22,193 | 26,864 |
| Iowa | 1,624 | 652 | 54 | 90 | 4,066 | 4,030 |
| Kansas | 645 | 288 | 661 | 103 | 2,654 | 1,580 |
| Kentucky | 722 | 1,065 | 110 | 131 | 23,962 | 36,862 |
| Michigan | 364 | 160 | 605 | 11 | 15,563 | 17,905 |
| Minnesota | 336 | 1,092 | 28 | 134 | 3,351 | 5,786 |
| Missouri | 341 | 161 | 86 | 528 | 2,680 | 3,722 |
| Nebraska | 306 | 318 | 521 | 1,830 | 3,840 | 2,865 |
| North Dakota | 24 | 78 | 1 | 148 | 278 | 560 |
| Ohio | 2,942 | 2,676 | 1,501 | 1,943 | 53,865 | 65,774 |
| Oklahoma | 155 | 389 | 82 | 174 | 2,339 | 3,339 |
| South Dakota | 133 | 162 | 4 | 36 | 706 | 729 |
| Tennessee | 76 | 286 | 867 | 3,227 | 24,876 | 37,708 |
| Wisconsin | 207 | 157 | 48 | 80 | 4,284 | 2,622 |
| **PAD District III Total** | **13,547** | **26,219** | **271,598** | **133,400** | **647,346** | **644,280** |
| Alabama | 153 | 1,967 | 3,770 | 7,644 | 90,757 | 124,434 |
| Arkansas | 1,139 | 1,368 | 4,455 | 3,934 | 28,900 | 38,944 |
| Louisiana | 391 | 841 | 5,373 | 74,895 | 47,601 | 196,855 |
| Mississippi | 2,791 | 14,009 | 178 | 176 | 51,851 | 67,288 |
| New Mexico | 4,673 | 389 | 1,166 | 1,331 | 39,758 | 38,726 |
| Texas | 4,400 | 7,644 | 256,655 | 45,420 | 388,479 | 178,032 |
| **PAD District IV Total** | **526** | **975** | **636** | **58** | **4,578** | **4,746** |
| Colorado | 239 | 815 | 569 | 11 | 2,706 | 3,014 |
| Idaho | 9 | 22 | 2 | 4 | 292 | 338 |
| Montana | 210 | 86 | 2 | 0 | 258 | 137 |
| Utah | 38 | 31 | - | 14 | 969 | 898 |
| Wyoming | 30 | 21 | 62 | 29 | 354 | 359 |
| **PAD District V Total** | **76** | **343** | **680** | **511** | **87,822** | **85,260** |
| Alaska | - | - | 0 | 18 | 65,341 | 11,182 |
| Arizona | 3 | 12 | 1 | 58 | 683 | 3,240 |
| California | 63 | 155 | 671 | 403 | 9,342 | 13,100 |
| Hawaii | 0 | 0 | - | - | 27 | 23 |
| Nevada | 2 | 29 | 2 | 14 | 480 | 1,620 |
| Oregon | 1 | 9 | 5 | 11 | 229 | 1,169 |
| Washington | 7 | 137 | 1 | 7 | 11,721 | 54,926 |

Dashes (-) = No data reported.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1987 and 1988.
• Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1987 and 1988, (DOE/EIA-0340(87)/1 - (88)/1).

# Table A19. Deliveries for Residential Use: Distillate Fuel Oil and Kerosene, 1988
(Thousand Gallons)

| Destination | Distillate Fuel Oil | | | Kerosene |
|---|---|---|---|---|
| | No. 1 | No. 2 | Total | |
| **U.S. Total** | **291,629** | **7,370,418** | **7,662,046** | **770,042** |
| **PAD District I Total** | **43,538** | **5,975,530** | **6,019,068** | **402,647** |
| **Subdistrict IA Total** | **17,526** | **1,950,788** | **1,968,313** | **45,154** |
| Connecticut | 6,657 | 544,912 | 551,570 | 7,811 |
| Maine | 3,956 | 246,705 | 250,661 | 15,219 |
| Massachusetts | 2,005 | 776,306 | 778,311 | 5,811 |
| New Hampshire | 2,588 | 152,439 | 155,027 | 8,488 |
| Rhode Island | 1,730 | 149,511 | 151,241 | 1,858 |
| Vermont | 590 | 80,914 | 81,504 | 5,967 |
| **Subdistrict IB Total** | **12,585** | **3,400,769** | **3,413,354** | **178,129** |
| Delaware | 1,541 | 56,951 | 58,492 | 5,883 |
| District of Columbia | - | 12,392 | 12,392 | 164 |
| Maryland | 227 | 248,376 | 248,603 | 25,536 |
| New Jersey | 13 | 733,983 | 733,996 | 9,149 |
| New York | 5,530 | 1,523,827 | 1,529,357 | 80,759 |
| Pennsylvania | 5,273 | 825,241 | 830,514 | 56,638 |
| **Subdistrict IC Total** | **13,428** | **623,973** | **637,401** | **179,364** |
| Florida | 2,125 | 19,804 | 21,929 | 12,691 |
| Georgia | 359 | 10,462 | 10,821 | 3,989 |
| North Carolina | 3,450 | 237,380 | 240,830 | 79,124 |
| South Carolina | 2,706 | 44,322 | 47,027 | 24,839 |
| Virginia | 3,985 | 288,729 | 292,714 | 51,006 |
| West Virginia | 803 | 23,276 | 24,079 | 7,714 |
| **PAD District II Total** | **197,600** | **1,116,202** | **1,313,802** | **152,921** |
| Illinois | 13,794 | 75,294 | 89,088 | 8,177 |
| Indiana | 23,303 | 94,016 | 117,319 | 19,572 |
| Iowa | 9,222 | 37,622 | 46,844 | 2,944 |
| Kansas | 542 | 713 | 1,254 | 759 |
| Kentucky | 5,799 | 31,456 | 37,255 | 24,333 |
| Michigan | 37,792 | 206,571 | 244,362 | 15,084 |
| Minnesota | 35,776 | 147,952 | 183,729 | 4,338 |
| Missouri | 4,729 | 21,907 | 26,635 | 2,195 |
| Nebraska | 2,740 | 5,614 | 8,355 | 608 |
| North Dakota | 8,119 | 32,410 | 40,530 | 294 |
| Ohio | 13,738 | 181,769 | 195,507 | 47,498 |
| Oklahoma | - | 1,172 | 1,172 | 941 |
| South Dakota | 12,720 | 25,905 | 38,625 | 516 |
| Tennessee | 58 | 9,419 | 9,476 | 23,642 |
| Wisconsin | 29,267 | 244,383 | 273,650 | 2,019 |
| **PAD District III Total** | **302** | **3,653** | **3,956** | **201,534** |
| Alabama | 48 | 1,725 | 1,773 | 98,719 |
| Arkansas | - | 55 | 55 | 19,438 |
| Louisiana | - | 99 | 99 | 8,814 |
| Mississippi | 70 | 111 | 180 | 21,327 |
| New Mexico | 43 | 471 | 514 | 8,717 |
| Texas | 143 | 1,191 | 1,334 | 44,519 |
| **PAD District IV Total** | **12,383** | **32,340** | **44,722** | **1,728** |
| Colorado | 1,367 | 854 | 2,221 | 1,144 |
| Idaho | 4,735 | 21,103 | 25,838 | 257 |
| Montana | 5,477 | 4,373 | 9,850 | 50 |
| Utah | 352 | 5,168 | 5,520 | 223 |
| Wyoming | 451 | 842 | 1,293 | 54 |
| **PAD District V Total** | **37,806** | **242,693** | **280,499** | **11,212** |
| Alaska | 18,349 | 35,621 | 53,971 | 192 |
| Arizona | 249 | 15 | 264 | 186 |
| California | 1,350 | 8,230 | 9,580 | 5,873 |
| Hawaii | 26 | 47 | 74 | 0 |
| Nevada | 1,271 | 10,945 | 12,216 | 975 |
| Oregon | 7,316 | 70,055 | 77,372 | 554 |
| Washington | 9,243 | 117,779 | 127,023 | 3,432 |

Dashes (-) = No data reported.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1988.
• Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1988, (DOE/EIA-0340(88)/1).

# Table A20. Deliveries for Commercial Use: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 1988
(Thousand Gallons)

| Destination | Distillate Fuel Oil | | | | | | Residual Fuel Oil | Kerosene |
|---|---|---|---|---|---|---|---|---|
| | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate | | |
| | | No. 2 Fuel Oil | No. 2 Diesel | No. 2 Total | | | | |
| **U.S. Total** | **163,992** | **1,734,482** | **1,801,143** | **3,535,624** | **435,462** | **4,135,079** | **1,788,728** | **306,584** |
| **PAD District I Total** | **54,542** | **1,318,479** | **590,054** | **1,908,533** | **406,938** | **2,370,013** | **1,083,004** | **44,933** |
| **Subdistrict IA Total** | **8,939** | **403,868** | **80,059** | **483,927** | **87,674** | **580,541** | **243,312** | **7,878** |
| Connecticut | 2,372 | 90,200 | 15,268 | 105,468 | 19,114 | 126,954 | 42,331 | 1,288 |
| Maine | 2,456 | 63,779 | 6,112 | 69,891 | 2,739 | 75,085 | 58,354 | 3,091 |
| Massachusetts | 2,861 | 181,186 | 29,541 | 210,726 | 53,574 | 267,161 | 106,355 | 1,369 |
| New Hampshire | 318 | 24,163 | 18,658 | 42,820 | 5,288 | 48,426 | 15,150 | 846 |
| Rhode Island | 859 | 26,463 | 1,854 | 28,317 | 4,738 | 33,914 | 19,242 | 53 |
| Vermont | 74 | 18,078 | 8,627 | 26,705 | 2,221 | 29,000 | 1,880 | 1,231 |
| **Subdistrict IB Total** | **40,907** | **710,180** | **242,254** | **952,435** | **308,521** | **1,301,863** | **722,447** | **16,266** |
| Delaware | 231 | 11,096 | 3,860 | 14,955 | 1,206 | 16,393 | 5,514 | 521 |
| District of Columbia | - | 16,907 | 1,524 | 18,430 | 4,548 | 22,978 | 6,893 | 83 |
| Maryland | 359 | 46,654 | 22,408 | 69,063 | 8,749 | 78,171 | 22,317 | 1,228 |
| New Jersey | 10,176 | 169,846 | 84,589 | 254,435 | 67,082 | 331,693 | 88,596 | 2,254 |
| New York | 17,860 | 308,770 | 80,262 | 389,032 | 211,209 | 618,101 | 563,523 | 4,023 |
| Pennsylvania | 12,281 | 156,908 | 49,612 | 206,519 | 15,727 | 234,527 | 35,604 | 8,158 |
| **Subdistrict IC Total** | **4,696** | **204,431** | **267,740** | **472,171** | **10,743** | **487,609** | **117,245** | **20,789** |
| Florida | 2,052 | 29,357 | 107,648 | 137,005 | - | 139,057 | 65,351 | 8,109 |
| Georgia | 140 | 16,378 | 33,651 | 50,030 | 334 | 50,504 | 23,794 | 411 |
| North Carolina | 1,053 | 68,676 | 58,860 | 127,536 | 1,030 | 129,619 | 8,758 | 4,985 |
| South Carolina | 115 | 19,003 | 22,411 | 41,414 | 2,747 | 44,277 | 1,450 | 503 |
| Virginia | 468 | 64,293 | 37,872 | 102,165 | 6,509 | 109,142 | 12,529 | 5,242 |
| West Virginia | 868 | 6,724 | 7,297 | 14,021 | 122 | 15,011 | 5,364 | 1,538 |
| **PAD District II Total** | **69,438** | **249,810** | **394,999** | **644,808** | **3,642** | **717,889** | **89,135** | **33,738** |
| Illinois | 6,794 | 35,390 | 39,635 | 75,025 | 332 | 82,151 | 26,349 | 2,229 |
| Indiana | 5,186 | 19,807 | 31,080 | 50,886 | 102 | 56,174 | 10,958 | 2,960 |
| Iowa | 2,647 | 8,105 | 18,015 | 26,120 | - | 28,766 | 898 | 190 |
| Kansas | 1,798 | 3,207 | 10,862 | 14,068 | 313 | 16,178 | 34 | 361 |
| Kentucky | 4,451 | 22,199 | 14,325 | 36,525 | - | 40,976 | 1,755 | 5,409 |
| Michigan | 12,833 | 36,461 | 52,196 | 88,656 | 543 | 102,033 | 8,760 | 705 |
| Minnesota | 8,222 | 21,603 | 15,899 | 37,502 | 540 | 46,264 | 13,494 | 179 |
| Missouri | 6,876 | 20,351 | 42,622 | 62,973 | - | 69,849 | 4,587 | 614 |
| Nebraska | 1,741 | 3,392 | 7,421 | 10,813 | - | 12,554 | 597 | 73 |
| North Dakota | 824 | 2,923 | 2,720 | 5,643 | - | 6,467 | 2,102 | 41 |
| Ohio | 6,427 | 37,735 | 47,932 | 85,667 | 1,606 | 93,700 | 3,590 | 9,973 |
| Oklahoma | 1,332 | 3,065 | 21,816 | 24,881 | - | 26,213 | 261 | 1,616 |
| South Dakota | 2,278 | 4,689 | 7,528 | 12,217 | - | 14,495 | 1,009 | 9 |
| Tennessee | 1,957 | 6,557 | 37,798 | 44,354 | - | 46,311 | 3,461 | 9,127 |
| Wisconsin | 6,074 | 24,327 | 45,151 | 69,477 | 207 | 75,758 | 11,278 | 252 |
| **PAD District III Total** | **6,293** | **45,830** | **343,526** | **389,356** | **-** | **395,649** | **500,819** | **159,407** |
| Alabama | 16 | 3,693 | 43,526 | 47,219 | - | 47,236 | 239,051 | 9,669 |
| Arkansas | 6 | 390 | 10,287 | 10,677 | - | 10,684 | - | 7,350 |
| Louisiana | 3,791 | 8,877 | 41,761 | 50,637 | - | 54,428 | 72,608 | 84,328 |
| Mississippi | 41 | 5,714 | 19,420 | 25,134 | - | 25,175 | 5,470 | 2,776 |
| New Mexico | 433 | 244 | 22,896 | 23,141 | - | 23,573 | - | 23,751 |
| Texas | 2,006 | 26,912 | 205,635 | 232,548 | - | 234,553 | 183,691 | 31,533 |
| **PAD District IV Total** | **10,231** | **9,617** | **89,860** | **99,478** | **134** | **109,842** | **34,368** | **855** |
| Colorado | 3,674 | 453 | 38,643 | 39,096 | - | 42,770 | - | 499 |
| Idaho | 1,905 | 3,850 | 12,225 | 16,075 | 134 | 18,114 | 1,282 | 46 |
| Montana | 577 | 913 | 6,871 | 7,784 | - | 8,361 | 1,659 | 1 |
| Utah | 1,920 | 3,789 | 23,575 | 27,364 | - | 29,284 | 8,935 | 170 |
| Wyoming | 2,156 | 612 | 8,547 | 9,159 | - | 11,315 | 22,492 | 139 |
| **PAD District V Total** | **23,488** | **110,745** | **382,705** | **493,449** | **24,748** | **541,685** | **81,403** | **67,651** |
| Alaska | 10,683 | 15,236 | 10,842 | 26,078 | - | 36,760 | 5,064 | 10,965 |
| Arizona | 610 | 509 | 19,273 | 19,781 | - | 20,391 | 15 | 38 |
| California | 5,997 | 34,406 | 216,239 | 250,646 | 8,587 | 265,230 | 13,463 | 5,102 |
| Hawaii | 875 | 2,074 | 22,408 | 24,482 | - | 25,357 | 53,758 | 15 |
| Nevada | 219 | 3,752 | 15,135 | 18,888 | - | 19,107 | 90 | 486 |
| Oregon | 1,407 | 28,119 | 26,248 | 54,367 | 8,057 | 63,832 | 5,417 | 515 |
| Washington | 3,697 | 26,648 | 72,559 | 99,207 | 8,104 | 111,008 | 3,596 | 50,530 |

Dashes (-) = No data reported.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1988.
• Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1988, (DOE/EIA-0340(88)/1).

# Table A21. Deliveries for Industrial and Oil Company Use: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 1988
(Thousand Gallons)

| Destination | Industrial Use | | | | | | | | Oil Company Use | |
|---|---|---|---|---|---|---|---|---|---|---|
| | No. 1 Distillate | No. 2 Distillate | | | No. 4 Fuel | Total Distillate | Residual Fuel Oil | Kerosene | Distillate Fuel Oil | Residual Fuel Oil |
| | | No. 2 Fuel Oil | No. 2 Diesel | No. 2 Total | | | | | | |
| **U.S. Total** | **68,476** | **664,967** | **1,756,921** | **2,421,888** | **127,275** | **2,617,639** | **3,855,070** | **188,117** | **872,133** | **433,294** |
| **PAD District I Total** | **7,259** | **361,711** | **424,534** | **786,245** | **88,909** | **882,413** | **1,358,836** | **39,406** | **35,160** | **70,652** |
| **Subdistrict IA Total** | **557** | **111,597** | **27,416** | **139,013** | **39,680** | **179,249** | **386,092** | **6,986** | **1,492** | **210** |
| Connecticut | 275 | 18,875 | 11,897 | 30,772 | 10,492 | 41,539 | 64,819 | 4,842 | 240 | 210 |
| Maine | 119 | 19,693 | 3,840 | 23,532 | 2,076 | 25,728 | 154,450 | 344 | 11 | - |
| Massachusetts | 31 | 59,545 | 7,181 | 66,726 | 15,175 | 81,932 | 113,447 | 800 | 853 | - |
| New Hampshire | 36 | 5,236 | 1,599 | 6,834 | 5,510 | 12,381 | 28,217 | 135 | 63 | - |
| Rhode Island | 38 | 3,025 | 1,393 | 4,418 | 5,204 | 9,660 | 19,664 | 0 | 300 | - |
| Vermont | 57 | 5,224 | 1,506 | 6,730 | 1,222 | 8,010 | 5,496 | 866 | 25 | - |
| **Subdistrict IB Total** | **2,364** | **134,646** | **193,013** | **327,659** | **39,572** | **369,595** | **452,351** | **23,273** | **27,795** | **66,216** |
| Delaware | 5 | 2,377 | 5,881 | 8,259 | 132 | 8,396 | 21,542 | 48 | 380 | 13,245 |
| District of Columbia | - | 41 | - | 41 | - | 41 | - | 5 | - | - |
| Maryland | 174 | 12,480 | 14,409 | 26,888 | 1,265 | 28,327 | 30,198 | 2,064 | 843 | 2,699 |
| New Jersey | 188 | 34,035 | 28,123 | 62,158 | 21,775 | 84,121 | 158,008 | 2,218 | 4,946 | 5,405 |
| New York | 1,838 | 29,641 | 17,470 | 47,111 | 6,168 | 55,117 | 148,931 | 14,520 | 7,506 | 864 |
| Pennsylvania | 160 | 56,071 | 127,130 | 183,202 | 10,231 | 193,592 | 93,671 | 4,418 | 14,121 | 44,004 |
| **Subdistrict IC Total** | **4,338** | **115,468** | **204,105** | **319,574** | **9,657** | **333,569** | **520,393** | **9,147** | **5,873** | **4,226** |
| Florida | 59 | 6,175 | 26,693 | 32,868 | 1,086 | 34,013 | 123,738 | 797 | 938 | 148 |
| Georgia | 240 | 16,845 | 18,207 | 35,052 | 1,656 | 36,948 | 52,959 | 717 | 156 | 518 |
| North Carolina | 319 | 53,854 | 24,947 | 78,801 | 1,888 | 81,008 | 166,570 | 3,597 | 22 | 1,531 |
| South Carolina | 49 | 8,222 | 12,300 | 20,522 | 1,233 | 21,804 | 76,094 | 2,166 | 692 | 86 |
| Virginia | 168 | 25,604 | 47,928 | 73,532 | 3,783 | 77,482 | 88,195 | 1,038 | 1,191 | 548 |
| West Virginia | 3,504 | 4,768 | 74,031 | 78,799 | 11 | 82,313 | 12,837 | 832 | 2,873 | 1,395 |
| **PAD District II Total** | **35,486** | **197,228** | **478,601** | **675,829** | **7,546** | **718,861** | **535,374** | **18,317** | **58,243** | **178,390** |
| Illinois | 5,132 | 16,402 | 50,722 | 67,123 | 191 | 72,447 | 80,448 | 1,693 | 7,540 | 54,890 |
| Indiana | 3,568 | 12,619 | 52,780 | 65,399 | 2,609 | 71,576 | 66,328 | 2,782 | 1,289 | 58,231 |
| Iowa | 1,958 | 6,555 | 11,268 | 17,823 | - | 19,781 | 10,837 | 154 | 55 | - |
| Kansas | 830 | 7,914 | 5,451 | 13,365 | - | 14,194 | 22,900 | 69 | 7,730 | 8,471 |
| Kentucky | 2,190 | 24,208 | 126,198 | 150,406 | 4 | 152,600 | 14,496 | 5,924 | 574 | 9,641 |
| Michigan | 5,031 | 15,066 | 55,882 | 70,948 | 2,595 | 78,573 | 87,920 | 1,945 | 3,878 | 10,087 |
| Minnesota | 6,836 | 26,190 | 8,168 | 34,358 | 427 | 41,621 | 32,289 | 42 | 512 | 11,588 |
| Missouri | 1,847 | 14,845 | 21,901 | 36,746 | - | 38,594 | 24,181 | 224 | 465 | - |
| Nebraska | 310 | 2,719 | 2,039 | 4,758 | 48 | 5,116 | 14,655 | 37 | 458 | - |
| North Dakota | 1,067 | 3,801 | 7,772 | 11,572 | - | 12,640 | 5,864 | 0 | 2,686 | 7,947 |
| Ohio | 3,802 | 27,093 | 75,272 | 102,365 | 296 | 106,464 | 95,190 | 3,684 | 7,547 | 11,188 |
| Oklahoma | 440 | 3,647 | 20,593 | 24,239 | - | 24,679 | 29,625 | 219 | 23,790 | - |
| South Dakota | 1,328 | 1,994 | 5,087 | 7,081 | - | 8,409 | 2,378 | 5 | 11 | - |
| Tennessee | 119 | 15,403 | 25,761 | 41,164 | 1,375 | 42,657 | 15,966 | 1,425 | 984 | 265 |
| Wisconsin | 1,028 | 18,772 | 9,708 | 28,480 | - | 29,508 | 32,297 | 113 | 724 | 6,082 |
| **PAD District III Total** | **1,797** | **35,941** | **393,765** | **429,706** | **3,459** | **434,962** | **1,709,023** | **123,720** | **671,714** | **19,417** |
| Alabama | 713 | 11,842 | 75,733 | 87,575 | 62 | 88,349 | 228,899 | 6,435 | 2,159 | 7,646 |
| Arkansas | 45 | 448 | 19,750 | 20,198 | 57 | 20,300 | 74,254 | 6,854 | 1,160 | - |
| Louisiana | - | 2,319 | 32,218 | 34,537 | 1,752 | 36,289 | 953,765 | 27,976 | 301,589 | 5,101 |
| Mississippi | 52 | 7,558 | 25,295 | 32,852 | 1,226 | 34,130 | 227,266 | 29,000 | 40,260 | - |
| New Mexico | 527 | 121 | 70,513 | 70,634 | - | 71,161 | 26,452 | 4,538 | 16,701 | - |
| Texas | 460 | 13,654 | 170,256 | 183,910 | 362 | 184,732 | 198,385 | 48,916 | 309,844 | 6,670 |
| **PAD District IV Total** | **16,460** | **35,302** | **119,535** | **154,837** | **-** | **171,297** | **51,859** | **1,131** | **20,442** | **70,617** |
| Colorado | 2,828 | 24,279 | 18,093 | 42,371 | - | 45,199 | 1,001 | 546 | 4,329 | - |
| Idaho | 2,014 | 3,440 | 14,566 | 18,006 | - | 20,019 | 9,400 | 10 | 93 | - |
| Montana | 1,510 | 1,225 | 15,389 | 16,614 | - | 18,124 | 5,459 | 0 | 1,032 | 34,814 |
| Utah | 1,992 | 6,334 | 32,544 | 38,878 | - | 40,870 | 24,300 | 460 | 1,555 | 21,436 |
| Wyoming | 8,116 | 25 | 38,944 | 38,969 | - | 47,085 | 11,700 | 115 | 13,434 | 14,367 |
| **PAD District V Total** | **7,475** | **34,785** | **340,486** | **375,271** | **27,361** | **410,107** | **199,979** | **5,543** | **86,573** | **94,218** |
| Alaska | 1,910 | 1,272 | 23,815 | 25,087 | 632 | 27,629 | - | 7 | 42,770 | - |
| Arizona | 3 | 1,119 | 34,698 | 35,818 | 1,507 | 37,327 | 512 | 2,946 | 231 | - |
| California | 911 | 9,404 | 180,355 | 189,758 | 24,528 | 215,198 | 70,687 | 1,567 | 40,105 | 72,778 |
| Hawaii | 19 | 700 | 4,018 | 4,718 | - | 4,738 | 2,234 | 8 | 1,782 | 14,606 |
| Nevada | 3,800 | 7,135 | 46,413 | 53,549 | 179 | 57,528 | 1,679 | 115 | 165 | 344 |
| Oregon | 485 | 9,593 | 18,550 | 28,144 | 464 | 29,093 | 25,357 | 80 | 620 | 902 |
| Washington | 347 | 5,561 | 32,636 | 38,197 | 51 | 38,595 | 99,510 | 819 | 900 | 5,588 |

Dashes (-) = No data reported.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1988.
• Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1988, (DOE/EIA-0340(88)/1).

# Table A22. Deliveries for Farm Use: Distillate Fuel Oil and Kerosene; Deliveries for Electric Utility Use: Distillate Fuel Oil and Residual Fuel Oil, 1988
(Thousand Gallons)

| Destination | Farm | | | | Electric | |
|---|---|---|---|---|---|---|
| | Diesel | Other Distillate | Total Distillate | Kerosene | Distillate Fuel Oil | Residual Fuel Oil |
| **U.S. Total** | **3,301,579** | **119,092** | **3,420,671** | **45,990** | **800,085** | **9,540,878** |
| **PAD District I Total** | **357,931** | **45,812** | **403,743** | **9,542** | **420,314** | **8,048,533** |
| **Subdistrict IA Total** | **14,019** | **7,661** | **21,679** | **1,137** | **30,371** | **2,341,607** |
| Connecticut | 1,569 | 336 | 1,905 | 10 | 2,405 | 706,921 |
| Maine | 4,816 | 1,296 | 6,112 | 365 | 606 | 184,248 |
| Massachusetts | 900 | 1,547 | 2,447 | 5 | 22,055 | 1,219,964 |
| New Hampshire | 1,237 | 1,066 | 2,303 | 27 | 1,233 | 199,724 |
| Rhode Island | 161 | 71 | 232 | 0 | 2,164 | 30,750 |
| Vermont | 5,335 | 3,345 | 8,679 | 730 | 1,908 | - |
| **Subdistrict IB Total** | **100,403** | **32,260** | **132,663** | **3,091** | **270,705** | **3,959,641** |
| Delaware | 5,700 | 777 | 6,477 | 177 | 6,261 | 131,732 |
| District of Columbia | - | - | - | - | 71,720 | - |
| Maryland | 22,448 | 2,536 | 24,984 | 168 | 16,697 | 214,869 |
| New Jersey | 12,420 | 4,428 | 16,849 | 15 | 33,155 | 565,072 |
| New York | 35,587 | 15,152 | 50,739 | 1,884 | 81,982 | 2,642,176 |
| Pennsylvania | 24,248 | 9,367 | 33,615 | 848 | 60,890 | 405,791 |
| **Subdistrict IC Total** | **243,509** | **5,892** | **249,401** | **5,314** | **119,238** | **1,747,284** |
| Florida | 83,471 | - | 83,471 | 25 | 56,055 | 1,610,455 |
| Georgia | 66,085 | 38 | 66,123 | 870 | 12,510 | 3,106 |
| North Carolina | 41,199 | 2,611 | 43,810 | 2,617 | 18,434 | - |
| South Carolina | 21,298 | 179 | 21,478 | 462 | 8,692 | - |
| Virginia | 27,055 | 2,374 | 29,428 | 1,114 | 17,231 | 133,724 |
| West Virginia | 4,400 | 691 | 5,091 | 225 | 6,316 | - |
| **PAD District II Total** | **1,458,454** | **66,900** | **1,525,354** | **8,911** | **161,038** | **207,313** |
| Illinois | 173,045 | 16,028 | 189,073 | 757 | 29,615 | 88,120 |
| Indiana | 83,246 | 1,804 | 85,050 | 672 | 19,048 | - |
| Iowa | 165,335 | 10,308 | 175,643 | 652 | 8,624 | - |
| Kansas | 146,019 | 652 | 146,670 | 288 | 6,280 | 857 |
| Kentucky | 42,949 | 1,112 | 44,062 | 1,065 | 8,740 | - |
| Michigan | 72,653 | 2,589 | 75,242 | 160 | 34,125 | 84,750 |
| Minnesota | 143,678 | 10,408 | 154,086 | 1,092 | 8,439 | 18 |
| Missouri | 74,656 | 375 | 75,031 | 161 | 9,594 | 10,100 |
| Nebraska | 155,172 | 3,887 | 159,059 | 318 | 647 | 4,395 |
| North Dakota | 79,556 | 3,118 | 82,674 | 78 | 1,999 | 149 |
| Ohio | 72,158 | 3,782 | 75,940 | 2,676 | 20,205 | 18,924 |
| Oklahoma | 51,634 | 0 | 51,635 | 389 | 66 | - |
| South Dakota | 89,072 | 2,428 | 91,500 | 162 | 1,265 | - |
| Tennessee | 37,530 | 8 | 37,538 | 286 | 2,842 | - |
| Wisconsin | 71,751 | 10,400 | 82,151 | 157 | 9,551 | - |
| **PAD District III Total** | **903,766** | **848** | **904,614** | **26,219** | **71,653** | **71,158** |
| Alabama | 36,348 | 776 | 37,124 | 1,967 | 7,208 | - |
| Arkansas | 153,512 | - | 153,512 | 1,368 | 11,103 | 5,737 |
| Louisiana | 177,694 | - | 177,694 | 841 | 13,349 | 9,319 |
| Mississippi | 122,229 | 12 | 122,241 | 14,009 | 4,361 | 46,542 |
| New Mexico | 26,954 | - | 26,954 | 389 | 387 | 1,430 |
| Texas | 387,029 | 60 | 387,089 | 7,644 | 35,245 | 8,132 |
| **PAD District IV Total** | **190,543** | **2,150** | **192,693** | **975** | **14,497** | **148** |
| Colorado | 62,138 | 55 | 62,193 | 815 | 3,088 | 51 |
| Idaho | 65,479 | 598 | 66,078 | 22 | 48 | - |
| Montana | 36,476 | 976 | 37,452 | 86 | 1,043 | - |
| Utah | 16,729 | 54 | 16,783 | 31 | 4,386 | - |
| Wyoming | 9,721 | 466 | 10,187 | 21 | 5,931 | 97 |
| **PAD District V Total** | **390,886** | **3,382** | **394,267** | **343** | **132,584** | **1,213,726** |
| Alaska | 358 | - | 358 | - | 34,863 | 139 |
| Arizona | 22,400 | 32 | 22,433 | 12 | 4,993 | 1,110 |
| California | 254,519 | 247 | 254,767 | 155 | 28,521 | 673,885 |
| Hawaii | 16,489 | 2,019 | 18,509 | 0 | 60,862 | 500,191 |
| Nevada | 7,968 | 392 | 8,360 | 29 | 1,768 | 38,401 |
| Oregon | 48,731 | 503 | 49,234 | 9 | 467 | - |
| Washington | 40,420 | 188 | 40,608 | 137 | 1,110 | - |

Dashes (-) = No data reported.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1988.
• Electric Utility data are based on data obtained on Form EIA-759, "Monthly Power Plant Report," and Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."
• Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1988, (DOE/EIA-0340(88)/1).

# Table A23. Deliveries for Transportation Use: Distillate Fuel Oil and Residual Fuel Oil, 1988
(Thousand Gallons)

| Destination | Railroad Use | | Vessel Bunkering | | On-Highway Diesel | Total Transportation Use | |
|---|---|---|---|---|---|---|---|
| | Distillate Fuel Oil | Residual Fuel Oil | Distillate Fuel Oil | Residual Fuel Oil | Distillate Fuel Oil | Distillate Fuel Oil | Residual Fuel Oil |
| **U.S. Total** | **3,259,250** | **33** | **2,310,367** | **5,248,981** | **20,038,691** | **25,608,308** | **5,249,014** |
| **PAD District I Total** | **646,772** | **-** | **470,566** | **933,547** | **6,712,224** | **7,829,562** | **933,547** |
| **Subdistrict IA Total** | **18,909** | **-** | **46,292** | **34,404** | **836,650** | **901,850** | **34,404** |
| Connecticut | 148 | - | 6,717 | 876 | 212,589 | 219,454 | 876 |
| Maine | 9,209 | - | 9,216 | 12,270 | 175,344 | 193,769 | 12,270 |
| Massachusetts | 5,786 | - | 28,320 | 16,311 | 293,007 | 327,113 | 16,311 |
| New Hampshire | 147 | - | 513 | 445 | 58,051 | 58,711 | 445 |
| Rhode Island | 353 | - | 1,173 | 4,501 | 43,741 | 45,267 | 4,501 |
| Vermont | 3,266 | - | 352 | - | 53,918 | 57,536 | - |
| **Subdistrict IB Total** | **213,996** | **-** | **179,289** | **548,917** | **2,497,825** | **2,891,109** | **548,917** |
| Delaware | 1,754 | - | 3,663 | 25,630 | 55,412 | 60,829 | 25,630 |
| District of Columbia | 4,124 | - | 34 | - | 23,033 | 27,192 | - |
| Maryland | 32,461 | - | 8,129 | 62,820 | 299,521 | 340,112 | 62,820 |
| New Jersey | 51,938 | - | 131,351 | 220,204 | 477,858 | 661,147 | 220,204 |
| New York | 37,347 | - | 10,926 | 81,687 | 713,826 | 762,099 | 81,687 |
| Pennsylvania | 86,371 | - | 25,185 | 158,577 | 928,175 | 1,039,731 | 158,577 |
| **Subdistrict IC Total** | **413,868** | **-** | **244,986** | **350,226** | **3,377,749** | **4,036,602** | **350,226** |
| Florida | 98,562 | - | 105,463 | 235,237 | 832,093 | 1,036,118 | 235,237 |
| Georgia | 86,978 | - | 24,757 | 12,092 | 831,267 | 943,002 | 12,092 |
| North Carolina | 54,875 | - | 8,625 | 5,898 | 711,035 | 774,535 | 5,898 |
| South Carolina | 37,173 | - | 8,945 | 19,391 | 310,365 | 356,483 | 19,391 |
| Virginia | 123,612 | - | 52,397 | 77,609 | 532,848 | 708,856 | 77,609 |
| West Virginia | 12,668 | - | 44,799 | - | 160,141 | 217,608 | - |
| **PAD District II Total** | **1,296,994** | **33** | **295,067** | **24,593** | **6,645,800** | **8,237,861** | **24,626** |
| Illinois | 91,107 | - | 25,426 | 15,351 | 771,386 | 887,919 | 15,351 |
| Indiana | 194,874 | - | 10,966 | 6,831 | 628,647 | 834,487 | 6,831 |
| Iowa | 37,483 | - | 1,600 | - | 333,931 | 373,014 | - |
| Kansas | 151,350 | - | - | - | 331,926 | 483,276 | - |
| Kentucky | 122,547 | - | 85,058 | - | 512,517 | 720,122 | - |
| Michigan | 43,557 | - | 10,373 | 1,315 | 526,217 | 580,147 | 1,315 |
| Minnesota | 42,964 | 11 | 1,165 | 306 | 331,701 | 375,830 | 317 |
| Missouri | 35,426 | 22 | 46,860 | - | 535,424 | 617,711 | 22 |
| Nebraska | 162,856 | - | - | - | 217,014 | 379,870 | - |
| North Dakota | 39,663 | - | - | - | 89,873 | 129,536 | - |
| Ohio | 151,825 | - | 4,210 | 524 | 861,428 | 1,017,463 | 524 |
| Oklahoma | 66,814 | - | 369 | - | 394,165 | 461,348 | - |
| South Dakota | 1,767 | - | - | - | 91,906 | 93,673 | - |
| Tennessee | 93,724 | - | 103,212 | 66 | 578,829 | 775,765 | 66 |
| Wisconsin | 61,036 | - | 5,828 | 200 | 440,836 | 507,699 | 200 |
| **PAD District III Total** | **597,323** | **-** | **950,190** | **1,794,626** | **3,012,582** | **4,560,095** | **1,794,626** |
| Alabama | 66,615 | - | 65,291 | 74,707 | 480,340 | 612,245 | 74,707 |
| Arkansas | 21,825 | - | 257 | - | 346,026 | 368,108 | - |
| Louisiana | 73,523 | - | 504,804 | 847,838 | 383,054 | 961,381 | 847,838 |
| Mississippi | 15,565 | - | 105,086 | 64,215 | 302,361 | 423,013 | 64,215 |
| New Mexico | 46,652 | - | - | - | 204,734 | 251,386 | - |
| Texas | 373,144 | - | 274,752 | 807,866 | 1,296,067 | 1,943,963 | 807,866 |
| **PAD District IV Total** | **300,702** | **-** | **81** | **-** | **725,429** | **1,026,212** | **-** |
| Colorado | 70,093 | - | - | - | 188,922 | 259,015 | - |
| Idaho | 23,782 | - | 81 | - | 99,626 | 123,488 | - |
| Montana | 59,640 | - | - | - | 115,899 | 175,539 | - |
| Utah | 35,188 | - | - | - | 149,108 | 184,296 | - |
| Wyoming | 111,999 | - | - | - | 171,874 | 283,873 | - |
| **PAD District V Total** | 417,459 | - | 594,463 | [a] **2,496,215** | 2,942,656 | 3,954,578 | 2,496,215 |
| Alaska | 3,042 | - | 63,341 | 5,624 | 83,235 | 149,617 | 5,624 |
| Arizona | 23,781 | - | - | - | 299,981 | 323,762 | - |
| California | 194,446 | - | 370,162 | 1,878,459 | 1,760,085 | 2,324,693 | 1,878,459 |
| Hawaii | 19 | - | 60,545 | 63,078 | 21,935 | 82,499 | 63,078 |
| Nevada | 29,855 | - | - | - | 118,022 | 147,877 | - |
| Oregon | 91,261 | - | 33,063 | 169,417 | 302,381 | 426,706 | 169,417 |
| Washington | 75,056 | - | 67,352 | 379,637 | 357,017 | 499,425 | 379,637 |

[a] See Technical Note 3 for adjustment to vessel bunkering data.
Dashes (-) = No data reported.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1988.
• Railroad data for distillate fuel oil are based on Association of American Railroads' statistics for railroads of Class I and Amtrak Companies.
• Vessel Bunkering data for residual fuel oil are based on EIA estimates of intercoastal bunkering and the Bureau of the Census Report, "United States Foreign Trade, Bunker Fuels."
• On-Highway Diesel data are obtained from information on highway use of special fuels gathered by the Federal Highway Administration.
• Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1988, (DOE/EIA-0340(88)/1).

# Table A24. Deliveries for Military Use: Distillate Fuel Oil and Residual Fuel Oil; Deliveries for Off-Highway Use: Diesel; and Deliveries for All Other Uses: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 1988

(Thousand Gallons)

| Destination | Military | | | | Off-Highway Diesel Distillate Fuel Oil | | | All Other | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Diesel | Other Distillate | Total Distillate | Residual Fuel Oil | Construction | Other | Total | Distillate Fuel Oil | Residual Fuel Oil | Kerosene |
| **U.S. Total** | **739,867** | **241,010** | **980,877** | **[E] 137,287** | **1,650,198** | **171,622** | **1,821,819** | **66,763** | **175,279** | **167,583** |
| **PAD District I Total** | **135,979** | **43,255** | **179,235** | **105,464** | **389,533** | **25,533** | **415,066** | **15,811** | **3,304** | **23,936** |
| **Subdistrict IA Total** | **9,756** | **4,081** | **13,837** | **23,830** | **55,808** | **8,371** | **64,179** | **674** | **-** | **995** |
| Connecticut | - | 1,305 | 1,305 | 4,924 | 12,010 | - | 12,010 | 281 | - | 93 |
| Maine | 1,235 | 1,069 | 2,304 | - | 13,051 | 6,977 | 20,028 | - | - | 366 |
| Massachusetts | 2,617 | 1,233 | 3,850 | 5,785 | 17,619 | 8 | 17,627 | 66 | - | 133 |
| New Hampshire | 35 | 41 | 75 | 6,363 | 5,787 | 323 | 6,110 | - | - | 46 |
| Rhode Island | 5,659 | 23 | 5,682 | 6,758 | 999 | - | 999 | 185 | - | 319 |
| Vermont | 211 | 409 | 620 | - | 6,341 | 1,063 | 7,404 | 142 | - | 37 |
| **Subdistrict IB Total** | **25,016** | **11,055** | **36,071** | **47,454** | **130,391** | **4,266** | **134,658** | **3,286** | **2,945** | **16,268** |
| Delaware | - | 33 | 33 | - | 3,382 | 2 | 3,384 | 94 | - | 2 |
| District of Columbia | 8,477 | 359 | 8,836 | 499 | 81 | - | 81 | - | - | 29 |
| Maryland | 3,114 | 816 | 3,930 | 23,654 | 15,224 | 48 | 15,272 | 2,710 | - | 601 |
| New Jersey | 4,797 | 1,211 | 6,008 | 6,920 | 27,437 | 926 | 28,363 | 32 | 60 | 13,142 |
| New York | 4,295 | 8,316 | 12,611 | 13,303 | 40,381 | 1,582 | 41,963 | 263 | 2,884 | 916 |
| Pennsylvania | 4,333 | 320 | 4,653 | 3,078 | 43,886 | 1,708 | 45,595 | 187 | - | 1,578 |
| **Subdistrict IC Total** | **101,207** | **28,120** | **129,327** | **34,180** | **203,334** | **12,895** | **216,230** | **11,851** | **360** | **6,674** |
| Florida | 28,353 | 419 | 28,773 | 9,476 | 56,113 | 41 | 56,154 | 1,489 | 173 | 752 |
| Georgia | 12,085 | - | 12,085 | 1,783 | 28,743 | 6,653 | 35,397 | 4,165 | - | 547 |
| North Carolina | 3,793 | 515 | 4,308 | 10,411 | 27,883 | 560 | 28,443 | 2,780 | 187 | 2,847 |
| South Carolina | 2,857 | 364 | 3,221 | 5,360 | 22,815 | 2,112 | 24,928 | 1,277 | - | 811 |
| Virginia | 54,055 | 26,387 | 80,442 | 7,149 | 51,127 | 1,896 | 53,024 | 2,112 | - | 739 |
| West Virginia | 64 | 434 | 498 | - | 16,653 | 1,632 | 18,285 | 28 | - | 978 |
| **PAD District II Total** | **40,554** | **10,198** | **50,752** | **4,921** | **397,193** | **17,051** | **414,244** | **40,819** | **246** | **9,678** |
| Illinois | 1,144 | 736 | 1,879 | 155 | 56,247 | 384 | 56,630 | 3,544 | 40 | 363 |
| Indiana | 3,993 | 37 | 4,031 | - | 16,552 | 1,402 | 17,954 | 3,198 | - | 878 |
| Iowa | 97 | 13 | 110 | - | 16,463 | 872 | 17,335 | 2,848 | - | 90 |
| Kansas | 1,613 | 334 | 1,947 | - | 16,040 | 1,087 | 17,127 | 1,518 | - | 103 |
| Kentucky | 7,594 | 3,199 | 10,793 | - | 20,505 | 771 | 21,276 | 719 | - | 131 |
| Michigan | 2,152 | 1,070 | 3,222 | - | 48,182 | 1,534 | 49,716 | 2,192 | - | 11 |
| Minnesota | 2,300 | 405 | 2,704 | - | 22,790 | 848 | 23,638 | 2,122 | 190 | 134 |
| Missouri | 4,626 | 1,683 | 6,309 | 4,218 | 34,630 | 2,490 | 37,120 | 6,791 | - | 528 |
| Nebraska | 1,377 | 46 | 1,423 | - | 17,723 | 371 | 18,094 | - | 16 | 1,830 |
| North Dakota | 2,333 | 172 | 2,505 | - | 5,226 | 244 | 5,470 | 76 | - | 148 |
| Ohio | 8,977 | 29 | 9,006 | - | 26,987 | 765 | 27,752 | 358 | - | 1,943 |
| Oklahoma | 1,686 | 726 | 2,412 | - | 27,637 | 471 | 28,108 | 4,616 | - | 174 |
| South Dakota | 601 | 129 | 730 | - | 10,648 | 1,037 | 11,684 | 336 | - | 36 |
| Tennessee | 702 | 353 | 1,054 | 548 | 58,956 | 984 | 59,940 | 1,236 | - | 3,227 |
| Wisconsin | 1,359 | 1,267 | 2,626 | - | 18,606 | 3,792 | 22,398 | 11,264 | - | 80 |
| **PAD District III Total** | **222,943** | **184,641** | **407,584** | **4,292** | **464,188** | **40,846** | **505,034** | **8,780** | **159,381** | **133,400** |
| Alabama | 3,463 | 1,390 | 4,853 | 28 | 37,416 | 15,695 | 53,110 | 3,578 | - | 7,644 |
| Arkansas | 2,467 | - | 2,467 | - | 26,086 | 4,857 | 30,943 | 2,793 | - | 3,934 |
| Louisiana | 20,376 | 579 | 20,955 | 4,264 | 67,745 | 7,110 | 74,854 | 297 | 12,636 | 74,895 |
| Mississippi | 116,607 | - | 116,607 | - | 29,509 | 4,246 | 33,755 | 880 | - | 176 |
| New Mexico | 1,475 | 407 | 1,882 | - | 32,963 | 2,204 | 35,167 | 0 | - | 1,331 |
| Texas | 78,555 | 182,265 | 260,820 | - | 270,468 | 6,735 | 277,203 | 1,232 | 146,745 | 45,420 |
| **PAD District IV Total** | **14,941** | **643** | **15,584** | **-** | **96,614** | **18,431** | **115,045** | **410** | **172** | **58** |
| Colorado | 8,285 | 197 | 8,482 | - | 38,326 | 4,872 | 43,198 | 33 | - | 11 |
| Idaho | 2,452 | 89 | 2,542 | - | 11,169 | 5,834 | 17,004 | - | - | 4 |
| Montana | 459 | 22 | 480 | - | 6,082 | 5,089 | 11,171 | 213 | - | 0 |
| Utah | 3,462 | 335 | 3,797 | - | 18,977 | 2,307 | 21,284 | - | - | 14 |
| Wyoming | 283 | - | 283 | - | 22,059 | 329 | 22,388 | 165 | 172 | 29 |
| **PAD District V Total** | **325,449** | **2,273** | **327,723** | **22,610** | **302,670** | **69,761** | **372,431** | **943** | **12,175** | **511** |
| Alaska | 17,550 | 11 | 17,561 | - | 11,480 | 2,374 | 13,855 | 40 | - | 18 |
| Arizona | 1,324 | - | 1,324 | - | 22,851 | 2,434 | 25,285 | - | - | 58 |
| California | 221,645 | - | 221,645 | 7,162 | 190,941 | 17,794 | 208,735 | 811 | - | 403 |
| Hawaii | 54,672 | - | 54,672 | 3,191 | 7,162 | 65 | 7,227 | - | 12,083 | - |
| Nevada | 3,365 | 1,563 | 4,928 | - | 32,528 | 263 | 32,792 | 33 | - | 14 |
| Oregon | 943 | 447 | 1,390 | 236 | 14,798 | 28,614 | 43,412 | - | 13 | 11 |
| Washington | 25,952 | 253 | 26,205 | 12,021 | 22,910 | 18,215 | 41,125 | 59 | 78 | 7 |

[E] Estimated data. Annual estimate is based on eleven months of data.
Dashes (-) = No data reported.
Note: Totals may not equal sum of components due to independent rounding.
Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1988.
• Military data for residual fuel oil are based on Defense Fuel Supply Center's "DEIS Report."
• Energy Information Administration's "Petroleum Supply Annual," Volume 1, 1988, (DOE/EIA-0340(88)/1).

# Technical Notes

## Note 1: EIA-821: Annual Fuel Oil and Kerosene Sales Report, 1988

### Background

The EIA-821, "Annual Fuel Oil and Kerosene Sales Report" survey was implemented to meet Energy Information Administration (EIA) legislative mandates and data user needs. Form EIA-821 is used to gather data on the sales to end users of distillate fuel oil, residual fuel oil, and kerosene. The data are used to determine the level of demand by end-use category and product at the State, regional, and national levels. This mandatory report is authorized by the Federal Energy Administration Act of 1974 (P. L. 93-275).

The predecessor survey to the EIA-821 was the EIA-172, "Sales Report of Fuel Oil and Kerosene," survey. The EIA-172 was conducted for reference years 1979 through 1982. Due to a serious deterioration in the sample of respondents during the 4-year period, the Form EIA-172 data were not collected for 1983. Instead, estimates for 1983 were published and a new sample of respondents was designed and selected from an improved sampling frame. The EIA-821 survey commenced with reference year 1984.

### Discussion of Sampling Frame

The target population for the fuel oil and kerosene sales survey is the universe of companies that sell fuel oil and kerosene to end users.

The EIA-863 data base provided the sampling frame for the 1988 EIA-821 survey. The EIA-863, "Petroleum Product Sales Identification Survey," was mailed to approximately 35,000 companies in January 1986 to collect 1985 State-level sales volume data for No. 2 distillate, residual fuel, and motor gasoline. The No. 2 distillate data were further identified by residential and nonresidential end use, and non-end use sales; 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 1981 frame file and more than 45 State and commercial lists. In addition, company/State-level volumes for distillate fuel oil, residual fuel oil, and motor gasoline from the 1985 EIA-821 survey were merged with the EIA-863 to yield a combined data file. The transformed and edited version of the frame was then used to design and select the 1988 EIA-821 sample.

It should be noted that truck stops selling No. 2 diesel fuel were not specifically included in the EIA-863 survey. Therefore, the EIA-821 survey does not include all sales of No. 2 distillate through retail truck stops. However, to compensate for this shortage in coverage, data from the Federal Highway Administration are presented in the tables for on-highway diesel sales.

The sampling frame also lacked full coverage of kerosene retailers, many of whom are hardware stores and service stations. To account for all kerosene volumes supplied to the marketplace, aggregate reported kerosene volumes are set equal to the products supplied volumes published in the *Petroleum Supply Annual.*

### Discussion of the Sample Design

The purpose of the EIA-821 sample design was to produce State-level estimates of total sales for the following five target variables: (1) residential No. 2 distillate, (2) other retail No. 2 distillate, (3) wholesale No. 2 distillate, (4) retail residual, and (5) wholesale residual. A separate sample was initially designed for each target variable.

Companies were divided into two basic types of strata: certainty and noncertainty. Companies selected with certainty were:

- all refiners and gas plant operators,
- companies doing business in four or more States,
- companies accounting for 5 percent or more of the volume for any target variable or particular product/end use category sold in a State,
- augmented frame units, e.g., vessel bunkering for which no attribute data were available.

Firms determined not to be selling products reported on the EIA-821 were removed from the frame file. Volumes for nonrespondents to the EIA-863 who had reported in the previous frame survey or in a sample survey were imputed. The imputed nonrespondents and the noncertainty companies were stratified by sales volume for each target variable. Strata boundries were determined using the Dalenius-Hodges procedures, allowing the number of strata and the strata boundries to vary by State. Nonrespondents for whom no previous information was available were classified in a separate stratum and sampled with reduced probabilities of selection.

Neyman allocation was used to allocate the number of companies required for each strata to obtain the required levels of accuracy: a 2.5 percent coefficient of variation for residual fuel oil and a 5 percent coefficient of variation for distillate fuel oil. Sample selections were then performed simultaneously from the same random list for the five samples to produce a final linked sample of approximately 6,000 companies. This method reduced the total survey sample size while improving volume estimates.

## Imputation and Estimation

Survey data gathered from the respondents may contain incomplete reporting, total nonresponse, or values that fail editing. Missing data are estimated, or implicitly imputed for, using the strata means and treated the same as reported data. The weighted estimate is defined as follows:

$$\hat{V} = \Sigma_h N_h (\Sigma_i W_{hi} V_{hi} / \Sigma_i W_{hi})$$

where:

$\hat{V}$ = total estimated volume,
$\Sigma_h$ = denotes summation over strata,
$N_h$ = stratum population for stratum h,
$\Sigma_i$ = denotes summation over units within stratum h,
$V_{hi}$ = volume reported for unit i in stratum h,
$W_{hi}$ = weight attached to unit i in stratum h.

where: $W_{hi}$ is inversely proportional to the probability of inclusion in the linked sample.

The degree of imputation by product and end use at the U.S. total level ranged as follows for the 1988 EIA-821 data: distillate, 0.6 percent for all other use to 5.3 percent for farm use; residual fuel oil, 0.2 percent for oil company use to 3.2 percent for railroad use; and kerosene, 1.7 percent for industrial use to 3.1 percent for commercial use.

## Collection Methods

The EIA-821 form was mailed in January 1989 to all companies selected for participation in the 1988 reference year survey. The completed form was due to EIA on March 1, 1989. A second request was sent by certified mail to nonrespondents approximately 1 month after the filing deadline. Follow-up telephone calls were made to collect outstanding data and to verify reported data. Late submissions and resubmissions were processed when received.

## Data Processing

As EIA-821 forms were received, they were logged into an automated Survey Control File which maintained company identification and survey form status information for each company selected to participate in the survey. The data were reviewed manually, entered onto the computer files, and then processed through an automated edit program which detected missing data and outlying values. Data that failed the edits were resolved through telephone calls to the data reporters and corrections were entered onto the computer files. Preliminary estimates were generated and processed through a series of validation procedures to flag and rectify potential misreporting of data. Statistical reports, including publication tables, were produced using only acceptable and verified data.

# Note 2: Reliability of the Data

Two types of errors are associated with data produced from a sample survey---sampling errors and nonsampling errors. Sampling errors occur because the estimates are based on a sample rather than on a census. The particular sample used for the EIA-821 survey is one of a large number of samples of equal size which could have been selected from the sampling frame using the same sample design. Each of these samples would produce a different estimate. If the estimates were averaged over all possible samples, the result would be the same as the estimate derived from a census of the sampling frame. The sampling error is a measure of variability among the estimates from all possible samples and, thus, is a measure of the precision with which an estimate from a particular sample approximates the results of a census.

Nonsampling errors and possibly biases can arise from a number of sources: (1) inability to obtain information about all cases in the sample, (2) response errors, (3) differences in the interpretation of questions or definitions, (4) mistakes in recording or coding of the data obtained, and (5) other errors of collection, response, coverage, and estimation for missing data. Bias is the difference between the average of the estimates over all possible samples of the same size and design, and the true value being estimated. It is not possible to estimate bias using the results of one sample.

Data obtained from alternate sources are not subject to sampling errors, but may be subject to nonsampling errors, the magnitudes of which are unknown. For example, kerosene estimates may have more nonsampling errors due to a lack of coverage of kerosene retailers. Nonsampling errors for survey estimates and estimates adjusted to alternate sources cannot be determined, but attempts are made throughout survey processing to minimize this type of error.

Data in Tables A1-A12 are based on survey data which are subject to sampling errors. Coefficients of variation, which are estimates of sampling errors, are presented in the following table for the 1988 survey. The coefficients of variation (CV) were estimated by:

$$CV(\hat{V}) = \frac{\sqrt{VAR(\hat{V})}}{\hat{V}}$$

where:

$$VAR(\hat{V}) = \sum_h n_h\left(1 - \frac{n_h}{N_h}\right)S_h^2$$

$$S_h^2 = \frac{\sum_{i=1}^{n_h} W_i^2 V_i^2 + \bar{V}_h^2 \sum_{i=1}^{n_h} W_i^2 - 2\bar{V}_h \sum_{i=1}^{n_h} W_i^2 V_i}{n_h - 1}$$

$$\bar{V}_h = \frac{\sum_{i=1}^{n_h} W_i V_i}{\sum_{i=1}^{n_h} W_i}$$

$\hat{V}$ = total estimated volume,
$N_h$ = stratum population for stratum h,
$n_h$ = number of sample units in stratum h,
$V_i$ = volume for unit i,
$W_i$ = weight for unit i.

Response rates also offer some indication of the reliability and comprehensiveness of survey results. For the 1988 EIA-821 survey, the overall response rate (the number of submissions received divided by the number of submissions solicited and expected times 100) was 93.0 percent.

# Coefficients of Variation for Sales of Fuel Oil, 1988

| Geographic Area | Residential Distillate Fuel Oil | Non-Residential Retail Distillate Fuel Oil | Retail Residual Fuel Oil |
|---|---|---|---|
| **U.S. Average** | **1.6** | **1.1** | **0.3** |
| **PAD District I Average** | **1.9** | **1.6** | **.5** |
| **Subdistrict IA Average** | **3.2** | **2.8** | **1.3** |
| Connecticut | 7.5 | 7.2 | .1 |
| Maine | 5.7 | 7.9 | 8.4 |
| Massachusetts | 5.1 | 4.4 | .3 |
| New Hampshire | 6.6 | 3.8 | .0 |
| Rhode Island | 11.8 | 4.0 | 3.3 |
| Vermont | 6.8 | 6.2 | 2.3 |
| **Subdistrict IB Average** | **2.7** | **2.6** | **.8** |
| Delaware | 7.5 | 16.7 | 2.8 |
| District of Columbia | 2.5 | 1.5 | .0 |
| Maryland | 7.3 | 5.1 | .1 |
| New Jersey | 4.9 | 3.8 | 2.0 |
| New York | 5.0 | 5.9 | .8 |
| Pennsylvania | 3.5 | 4.4 | 3.6 |
| **Subdistrict IC Average** | **5.7** | **2.6** | **.1** |
| Florida | 11.9 | 5.0 | .1 |
| Georgia | 6.9 | 5.6 | .4 |
| North Carolina | 6.6 | 7.3 | .1 |
| South Carolina | 7.8 | 5.1 | .1 |
| Virginia | 11.0 | 5.1 | .9 |
| West Virginia | 5.4 | 6.8 | .0 |
| **PAD District II Average** | **2.5** | **1.2** | **3.0** |
| Illinois | 11.4 | 4.1 | .6 |
| Indiana | 6.7 | 3.5 | .3 |
| Iowa | 7.1 | 4.7 | .0 |
| Kansas | 9.8 | 5.1 | .0 |
| Kentucky | 9.8 | 2.5 | .0 |
| Michigan | 5.7 | 5.5 | .0 |
| Minnesota | 4.3 | 3.1 | 3.9 |
| Missouri | 6.4 | 4.2 | .1 |
| Nebraska | 8.0 | 4.4 | .2 |
| North Dakota | 6.6 | 5.1 | .0 |
| Ohio | 6.7 | 3.1 | 24.3 |
| Oklahoma | 75.2 | 7.2 | .0 |
| South Dakota | 6.4 | 4.7 | .1 |
| Tennessee | 5.5 | 4.5 | .0 |
| Wisconsin | 7.4 | 4.3 | .0 |
| **PAD District III Average** | **11.5** | **5.1** | **.1** |
| Alabama | 21.1 | 4.5 | .1 |
| Arkansas | 19.4 | 6.1 | .0 |
| Louisiana | 28.4 | 18.7 | .1 |
| Mississippi | 9.7 | 4.4 | .0 |
| New Mexico | 20.0 | 5.7 | .0 |
| Texas | 17.7 | 4.2 | .1 |
| **PAD District IV Average** | **5.1** | **1.6** | **.1** |
| Colorado | 14.4 | 3.8 | .1 |
| Idaho | 7.6 | 5.1 | .0 |
| Montana | 9.2 | 3.4 | .4 |
| Utah | 12.4 | 2.6 | .0 |
| Wyoming | 7.2 | 1.8 | .0 |
| **PAD District V Average** | **3.1** | **1.8** | **.1** |
| Alaska | 6.7 | 4.2 | .1 |
| Arizona | 33.5 | 4.0 | 1.0 |
| California | 12.1 | 2.9 | .2 |
| Hawaii | .0 | .0 | .0 |
| Nevada | 4.1 | 4.3 | .2 |
| Oregon | 4.2 | 3.6 | .9 |
| Washington | 5.5 | 4.0 | .1 |

Note: Coefficients of variation that are less than 0.1 and greater than zero are displayed as 0.1.
Source: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1988.

# Note 3: Data Adjustments

## Alternate Source Data

After all preliminary tabulations were verified, comparisons were made between the survey results and available alternate source data. The following end-use categories were replaced by alternate source data at the U.S., Petroleum Administration for Defense (PAD) District, or State level:

**Tables A1-A12:**

**On-Highway Diesel.** Distillate fuel oil by State was calculated from the Federal Highway Administration data on highway use of special fuels. Of the 1984 through 1988 special fuels, more than 97 percent is diesel.

**Tables A13-A24:**

**Electric Utility.** National-level distillate and residual fuel oil sales for electric utility use were calculated from annual aggregations of data collected on forms EIA-759, "Monthly Power Plant Report," and FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." Form EIA-759 consumption data for light oils include No. 2 fuel oil, kerosene, and jet fuel; the heavy oils include No. 4 fuel oil, residual fuel oil, and crude oil. Using receipt data from Form FERC-423, the No. 4 fuel oil receipts were deleted from the heavy oil consumption data and added to the light oil consumption data. The resultant distillate (light oils) and residual (heavy oils) consumption data were added to the stock change of light oils and heavy oils, respectively, from Form EIA-759 to obtain the estimate of sales. Allocations at the State level were based on the EIA-821 survey.

**Military.** The national data on residual fuel oil issued to defense installations (Defense Fuel Supply Center's Defense Energy Information System (DFSC DEIS) Report) were allocated by State based on the EIA-821 survey.

**On-Highway Diesel.** Distillate fuel oil by State was calculated from the Federal Highway Administration data on highway use of special fuels. Of the 1984 through 1988 special fuels, more than 97 percent is diesel.

**Railroad.** Distillate fuel oil used by Class I railroads and Amtrak at the U.S. level was obtained from the Association of American Railroads. State-level allocations were based on the EIA-821 survey.

**Vessel Bunkering.** Residual fuel oil used for foreign trade vessel bunkering at the PAD District level was obtained from the Bureau of Census, *United States Foreign Trade, Bunker Fuels.* To account for all vessel bunkering including coastal trade, historically established PAD District-level ratios of total vessel bunkering use to foreign trade use were used to inflate the foreign trade bunkering values. The adjustment factor for PAD District V, however, was changed in 1988. Had the PAD District V estimate been adjusted using the historical factor, the vessel bunkering data in this PAD District and at the national level would have been 406,883 thousand gallons higher than the published estimates for 1988.

Allocations at the State-level were based on the EIA-821 survey except for the States in PAD District II. For this region, which includes the Great Lakes, the EIA-821 survey results were used since the Census report, based on the U.S. Custom Service's data, did not provide adequate coverage.

## 1984-1988 Adjustments

Kerosene volumes in Tables A1-A12 were adjusted at the national level to equal products supplied volumes as published in the "Detailed Statistics" section of the *Petroleum Supply Annual,* 1984 through 1988. The 1988 survey resulted in 894,890 thousand gallons of kerosene at the national level. The products supplied volume at the national level for kerosene was 1,478,316 thousand gallons. Hence, the adjustment factor at the national level for 1988 was 1.6520.

Kerosene volumes in Tables A13-A24 were adjusted at the PAD District level to equal products supplied volumes. The adjustment factors for kerosene at the PAD District level are as follows:

- PAD District I: .7630
- PAD District II: 1.4844
- PAD District III: 30.0297
- PAD District IV: 1.3889
- PAD District V: 2.2873

For Tables A13-A24, final adjustments were also made for distillate fuel oil and residual fuel oil to ensure that the total sales at the PAD District level would equal the products supplied volumes as reported in the *Petroleum Supply Annual* (PSA), 1984 through 1988. For example, the 1988 survey yielded a volume for distillate residential use in PAD District II of 1,373,843 thousand gallons. The total distillate volume for PAD District II was 5,369,705 from the survey, after subtracting the volume coming from alternate sources. The product supplied total distillate volume for PAD District II was 5,135,031 after removing alternate source volume. Hence, the adjusted 1988 estimate of distillate for residential use in PADD II was (5,135,031/5,369,705) x 1,373,843 = 1,313,802.

For distillate fuel oil in Tables A13-A24, the PAD District adjustments were made to each State and product-use category except on-highway diesel use, electric utility use, and railroad use. For residual fuel oil, the adjustments were made to each State and end-use category except military use, vessel bunkering use, and electric utility use.

# Note 4: End-Use Descriptions and Petroleum Product Definitions

## End-Use Descriptions

**Residential Use.** Includes sales for use in private households for space heating, water heating, cooking, etc. Sales to farm houses are reported under "Farm Use."

**Commercial Use.** Includes sales for use in nonmanufacturing establishments such as motels, apartment buildings, restaurants, retail stores, institutions, government buildings, schools, and laundries for space heating, water heating, and cooking. Volumes used by companies in the marketing and distribution of petroleum products are also included.

**Industrial Use.** Includes sales to mines, smelters, and plants engaged in producing manufactured products, processing and assembling goods, etc. Also includes space heating. Excludes oil company use, as defined below.

**Oil Company Use.** Includes sales to drilling companies, pipelines or other related oil companies not engaged in the selling of petroleum products. Includes fuel oil that was purchased or produced and used by company facilities for the operation of drilling equipment, other field or refinery operations, and space heating at petroleum refineries, pipeline companies, and oil-drilling companies. Oil used to bunker vessels is counted under vessel bunkering. Sales to other oil companies for field use are included, but sales for use as refinery charging stocks are excluded.

**Farm Use.** Includes sales for use in tractors, irrigation pumps and other agricultural machinery, as well as that used for crop drying, smudge pot fuel, space heating of buildings (including farm houses), cooking, and any other use by the agriculture industry.

**Electric Utility Companies.** Includes sales to electric utility companies, including that used for the generation of electricity. Volumes imported and used directly by electric utility companies are also included.

**Railroad Use.** Includes sales to railroads, for any use, including that used for heating buildings operated by railroads.

**Vessel Bunkering.** Includes sales for the fueling of commercial or private boats, such as pleasure craft, fishing boats, tugboats, and ocean-going vessels, including vessels operated by oil companies. Excluded are volumes sold to the U.S. Armed Forces.

**On-Highway Diesel Use.** Includes sales for use in motor vehicles.

**Military Use.** Includes sales to the Armed Forces, including volumes sold to the Defense Fuel Supply Center (DFSC) for use by all branches of the Department of Defense (DOD).

**Off-Highway Diesel Use.** Includes sales for use in:

1. **Construction.** Construction equipment including earthmoving equipment, cranes, stationary generators, air compressors, etc.
2. **Other.** Sales for off-highway uses other than construction. Sales for logging are included in this category. Volumes for off-highway diesel use by the agriculture industry are reported under "Farm Use."

**All Other Uses.** Sales for all other uses not included in any other end-use category are reported here.

## Definitions of Petroleum Products and Other Related Terms

**ASTM.** The acronym for the American Society for Testing and Materials.

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

1. **No. 1 Distillate.** A petroleum distillate which meets the specifications for No. 1 heating or fuel oil as defined in ASTM D 396 and/or the specifications for No. 1 diesel fuel as defined in ASTM Specification D 975.

   a. **No. 1 Diesel Fuel.** A volatile distillate fuel oil with a boiling range between 300 and 575 degrees Fahrenheit and used in high-speed diesel

engines generally operated under wide variations in speed and load. Includes type C-B diesel fuel used for city buses and similar operations. Properties are defined in ASTM Specification D 975.

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

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

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

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

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

**Kerosene.** A petroleum distillate that boils at a temperature between 300 and 550 degrees Fahrenheit, that has a flash point higher than 100 degrees Fahrenheit by ASTM Method D 56, that has a gravity range from 40 to 46 degrees API, and that has a burning point in the range of 150 degrees to 175 degrees Fahrenheit. Included are the two classifications recognized by ASTM Specification D 3699: No. 1-K and No. 2-K, and all grades of kerosene called range or stove oil which have properties similar to No. 1 fuel oil, but with a gravity of about 43 degrees API and a maximum end-point of 625 degrees Fahrenheit. Kerosene is used in space heaters, cook stoves, and water heaters and is suitable for use as an illuminant when burned in wick lamps.

**NOTE:** Respondents to the EIA-821 survey were instructed to report all volumes in accordance with what the product was sold as, regardless of the actual specifications of that product. For example, if a No. 2 distillate was sold as a heating oil or fuel oil, the volume would be reported in the category "No. 2 Fuel Oil" even if the product conformed to the higher specifications of a diesel fuel.

**PAD District.** Petroleum Administration for Defense Districts

**PAD District I:**

**Subdistrict IA.** Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont
**Subdistrict IB.** Delaware, District of Columbia, Maryland, New Jersey, New York, and Pennsylvania
**Subdistrict IC.** Florida, Georgia, North Carolina, South Carolina, Virginia, and West Virginia

**PAD District II:**

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

**PAD District III:**

Alabama, Arkansas, Louisiana, Mississippi, New Mexico, and Texas

**PAD District IV:**

Colorado, Idaho, Montana, Utah, and Wyoming

**PAD District V:**

Alaska, Arizona, California, Hawaii, Nevada, Oregon, and Washington

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

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