

Fuel Oil and Kerosene Sales 2005

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Fuel Oil and Kerosene Data Available Through Electronic Access

Annual petroleum marketing data are available through electronic access that contains statistics from the *Fuel Oil and Kerosene Sales 2005* report. Included are annual sales data on petroleum volumes of kerosene, distillate fuel oils, and residual fuel oils by State. Annual historical data at the national level are provided in summary tables.

For *Fuel Oil and Kerosene Sales* on the Internet, access EIA's home page at <http://www.eia.doe.gov>.

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Further information as to content may be obtained from the National Energy Information Center (NEIC), telephone (202) 586-8800.

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Introduction

The *Fuel Oil and Kerosene Sales 2005* report provides information, illustrations and State-level statistical data on energy use sales of kerosene; No.1, No. 2, and No. 4 distillate fuel oil; and residual fuel oil. State-level kerosene sales include volumes for residential, commercial, industrial, farm, and all other uses. State level distillate sales include volumes for residential, commercial, industrial, oil company, railroad, vessel bunkering, military, electric power, farm, on-highway, off highway construction, and other uses. State-level residual fuel sales include volumes for commercial, industrial, oil company, vessel bunkering, military, electric power, and other uses. The Petroleum Division, Office of Oil and Gas, Energy Information Administration ensures the accuracy, quality, and confidentiality of the published data in the *Fuel Oil and Kerosene Sales 2005*.

NOTE: The 2004 adjusted numbers have been revised since they were first published in the *Fuel Oil and Kerosene Sales 2004*. The revisions to the data were made to include new distillate fuel oil and residual fuel oil volumes for "Electric Power". See the Adjusted Sales section and "Technical Note 3" in Appendix A for further explanation.

Except for the kerosene and on-highway diesel information, data presented in Tables 1 through 12 (Sales of Fuel Oil and Kerosene) present results of the EIA- 821 survey. Tables 13 through 24 (Adjusted Sales of Fuel Oil and Kerosene) include volumes that are based on the EIA-821 survey but have been adjusted to equal the products supplied volumes published in the *Petroleum Supply Annual* (PSA).

Tables 1 through 12 contain sales estimates resulting from the EIA-821 survey for all categories except kerosene and on-highway diesel. For on-highway diesel the survey was not expected to yield valid statistics because the sampling frame does not include a comprehensive listing of all truck stops. Hence, State-level data obtained from the Federal Highway Administration were used instead.

Kerosene sales data were not expected to be complete because a comprehensive listing of kerosene retailers was not available to serve as a sampling frame. It was thought that a complete frame would be expensive to construct because many kerosene retailers are convenience stores or other small businesses. Because of these concerns,

kerosene sales data have been published only after adjusting the sales data so that they add to the U.S. total of kerosene product supplied from the PSA.

In Tables 13 through 24, estimates of distillate fuel oil are adjusted at the Petroleum Administration for Defense (PAD) district level to equal published PSA volume estimates of products supplied. For certain sales categories, data obtained from alternate sources are used instead of the adjusted numbers. See "Technical Note 3" in Appendix A for further explanation.

Kerosene and residual fuel oil in Tables 13 through 24 are adjusted at the national level to equal published PSA products supplied estimates. Thus the kerosene figures in Tables 13 through 24 are identical to those shown in Tables 1 through 12.

The sales data (Tables 1 through 12) differ from the adjusted sales estimates (Tables 13 through 24) with the exception of kerosene and on-highway diesel for many reasons, including:

- Some products are interchangeable (fungible) and may be supplied as one product and sold as another product. For example, kerosene, low sulfur kerosene type jet fuel, and low-sulfur No. 1 fuel oil can be used interchangeably.
- 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 No. 4 fuel oil or, in colder climates, kerosene maybe blended with distillate fuel oil and sold as heating oil.
- Geographic differences can be attributed to the transportation of product by truck or rail from the district of production. Inter-PAD district movements of products by these modes of transportation are not accounted for in Tables 13 through 24.
- Products maybe supplied into a PAD district but the final sale may cross PAD district boundaries. For example, a fuel oil dealer in Ohio (PAD District 2) may make retail sales into Pennsylvania (PAD District 1B) and/or West Virginia (PAD District 1C).
- Drawdowns or buildups in stocks will cause volumes supplied to differ from sales volumes.

Highlights

Sales of Fuel Oil and Kerosene in 2005

Market results in 2005 differed sharply from those in 2004 when driven by a sizeable drop in distillate sales, overall sales of fuel oil fell by 1.4 percent. In 2005, total sales of distillate and residual fuel oils, and kerosene all increased, pushing total sales to a new all-time record of nearly 77.7 billion gallons, more than 1.5 billion gallons above the previous record of 76.1 billion gallons set in 2003. Sales in 2005 also surpassed the level of sales set in 2004 by more than 2.6 billion gallons, an increase of 3.5 percent.

Although distillate sales increased by more than 900 million gallons during 2005, and kerosene exceeded one billion gallons for the first time since 2001, it was the sales of residual fuel that accounted for the largest portion of the overall increase in sales of more than 1.6 billion gallons. Consequently, for the first time since 2001, sales of residual fuel exceeded 13.4 billion gallons. Sales of residual fuel oil accounted for approximately 17.3 percent of total sales, the highest percentage of total fuel oil sales since 2001,

when residual fuel oil accounted for 18.2 percent of the total. In 2005, because of the increase in the sale of residual fuel oil, distillate sales accounted for 81.3 percent of total sales, the smallest share since 2001 when distillate sales accounted for 80.3 percent of total fuel oil sales. Sales of kerosene accounted for 1.4 percent of total sales compared to 1.3 percent in 2004.¹

Total distillate sales, boosted in large measure by substantial increases in sales to the transportation sector, amounted to 63.2 billion gallons, an increase of more than 900 million gallons (1.5 percent). Nonetheless, distillate sales fell short of the all-time high of 63.9 billion gallons set in 2003.

Despite an increase of nearly 1.5 percent in overall sales of distillate fuel oil and growth in economic activity, sales of distillate fuel to a number of end-use sectors declined during 2005. Although higher prices played a role, other factors also had a negative impact on the market during the year. In particular, weather

Table HL1. Volume Distribution of Distillate and Residual Fuel Oils, 2004 and 2005

Energy Use	2005 Distillate		2004 Distillate		2005 Residual		2004 Residual	
	Volume (million gallons)	Percent Share	Volume (million gallons)	Percent Share	Volume (million gallons)	Percent Share	Volume (million gallons)	Percent Share
Residential.....	6,154	9.7	6,645	10.7	—	—	—	—
Commercial.....	3,224	5.1	3,383	5.4	720	5.4	782	6.6
Industrial.....	2,460	3.9	2,327	3.7	1,671	12.4	1,540	13.1
Oil Company.....	473	0.7	473	0.8	74	0.6	47	0.4
Farm.....	3,216	5.1	3,189	5.1	—	—	—	—
Electric Power.....	907	1.4	823	1.3	5,764	42.9	4,704	39.9
Railroad.....	3,448	5.5	3,047	4.9	—	—	—	—
Vessel Bunkering.....	2,006	3.2	2,140	3.4	5,179	38.5	4,690	39.8
On-Highway.....	38,053	60.2	37,125	59.6	—	—	—	—
Military.....	269	0.4	359	0.6	30	0.2	30	0.3
Off-Highway.....	2,956	4.7	2,747	4.4	—	—	—	—
Other.....	0	0.0	0	0.0	5	0.0	1	0.0
Total.....	63,165		62,258		13,442		11,794	

Notes: 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 2001-2005. On-Highway Diesel data are Federal Highway Administration statistics of highway special fuels use.

¹ Numbers may not sum to 100 percent due to rounding.

was an important factor for not only was the winter warmer than normal, playing a role in decreased sales to the commercial and especially the residential sectors, but the impact of severe weather also had a negative impact on oil company use, vessel bunkering, electric power use and farm use.

Total sales of residual fuel oil, driven by sharp increases in sales to the electric power and vessel bunkering sectors, increased by more than 1.6 billion gallons (14.0 percent), to exceed 13.4 billion gallons.

Although sales of kerosene also increased, continuing the recovery from 2002 when sales plunged by approximately 40 percent, the amount of the increase was the smallest since the recovery began in 2003. Total sales of kerosene increased by approximately 81.5 million gallons (8.2 percent) to reach nearly 1.1 billion gallons, just below the record level set in 2001.

Distillate Fuel Oil

Once again in 2005, distillate sales increased, supporting the long-term trend of rising distillate sales and reversing the unusual drop in sales that occurred in 2004.² Although, the increase of 906.6 million gallons (1.5 percent) was the smallest increase since 2001, it approximately equaled the average of the increases during the 1990's.³ Nonetheless, in 2005, despite substantial increases in sales of distillate fuels to the industrial, construction, electric power and transportation sectors, sales to a number of end-use sectors, particularly the residential, commercial and vessel bunkering segments, fell in comparison to the previous year.

The increases were dominated by substantial growth in the transportation sector where sales to the on-highway sector increased by 927.9 million gallons (2.5 percent). Sales to railroads also increased by 400.1 million gallons (13.1 percent). Sales to the industrial sector increased by 133.1 million gallons (5.7 percent). In addition, sales to the farm use sector increased by 26.8 million gallons (0.8 percent). Sales for oil company use were essentially flat, increasing by only two thousand gallons.

The largest declines, reflecting at least in part warmer than normal winter conditions, occurred in the

residential and commercial sectors, which fell by 490.5 million gallons (7.4 percent) and by 158.8 million gallons (4.7 percent), respectively. Sales for vessel bunkering and military use also fell, by 134.1 million gallons (6.3 percent) and 90.1 million gallons (25.1 percent) respectively.

Despite higher energy prices in 2005, economic conditions as measured by Gross Domestic Product (GDP), a prime measure of the state of the economy, continued to improve during 2005. GDP increased in constant dollars at 3.5 percent, a somewhat slower rate than 2004's increase of 4.2 percent, but still the second highest rate of increase since 2000. Spending on new housing increased by nearly 13 percent; while spending on new construction in the commercial sector increased by more than 10 percent, a larger increase than occurred in 2004. In addition, production of durable goods increased by approximately 6.6 percent, manufacturing increased by 4.0 percent and the industrialization utilization rate increased by 2.3 percent.⁴ Improved economic conditions were also reflected by the drop in unemployment from 5.5 to 5.1 percent, the lowest rate since 2001.⁵

Although prices were somewhat higher during the first eight months of 2005 than had been the case during 2004, in September and for essentially the remainder of the year, prices were sharply higher as a result of the devastating impact of hurricanes Katrina and Rita on the energy infrastructure in the Gulf Coast states as well as offshore installations in the U.S. Gulf of Mexico. One measure of the impact of the disruptions to the production and processing oil and natural gas is reflected in the fact that for the first time since 2001, total energy consumption in the United States decreased. Total energy consumption dropped from the all-time high set in 2004 by 0.633 quads to 99.781 quads.⁶

Despite sharply higher prices for fuel oil in the aftermath of hurricanes Katrina and Rita, the impact of the higher prices on sales to the transportation sector was not significant. Sales to railroads increased by 400.1 million gallons, a jump of more than 13.1 percent. During 2005, sales of diesel fuel to the on-highway segment increased by 927.9 million gallons (2.5 percent). Although the increase in sales to the on-highway sector far surpassed the

² The drop in 2004 of nearly 1.6 billion gallons not only goes against the long-term trend but also is nearly three times the size of the drop in sales that occurred in 2001 when total distillate sales fell by 588 million gallons.

³ The average increase during the period 1991-2001 was 1.47 billion gallons.

⁴ *Economic Indicators*, April 2006, Washington D.C. U.S. Government Printing Office, p 17. (Industry production indexes, 2000 = 100).

⁵ *Economic Indicators*, April 2006, p 12. (Note, data apply to persons age 16 and over.)

⁶ One quad equals one quadrillion (a one followed by fifteen zeros) British thermal units (Btu).

miniscule increase of 21.7 million gallons registered during 2004, it nonetheless was the second smallest increase in on-highway sales in more than a decade. However, sales for vessel bunkering, the third component of the distillate transportation market, did not fare so well. Influenced at least in part by damage and disruption along the Gulf Coast, sales fell by 134.1 million gallons (6.3 percent).

In the industrial sector, high oil prices were offset to some extent by the large differential between the prices for oil and natural gas that developed during the fourth quarter of the year as the impact of the hurricanes on the infrastructure influenced the market. During the fourth quarter of 2005, prices of natural gas reached historic highs not only leading some customers with the ability to switch from gas to oil to choose oil over gas, but also causing some plants to shut down production until the price of gas dropped.⁷ These developments are reflected by the drop in sales of natural gas to the industrial sector during 2005. Sales of natural gas totaled 31.9 trillion Btu compared to 33.5 trillion Btu in 2004, a drop of 4.6 percent.⁸

In 2004, an increase of 155.1 million gallons in sales to the off-highway and construction sector accounted for nearly all of the increase in total distillate sales during a year of generally declining distillate sales. In 2005, despite an increase in sales of 208.6 million gallons to the sector, the increase represented less than 25 percent of the overall increase in distillate sales. In 2005, spending on new construction increased by nearly 9.5 percent over the amount spent in 2004. Although less was spent on residential construction, spending in the commercial sector increased by 10.1 percent compared to an increase of only 8.8 percent in 2004.

Weather played a significant role in shaping demand for distillate fuel during 2005. As was the case in 2004, the impact of weather was more widespread than typical. First, the winter of 2005 was warmer than normal throughout every region of the country. In addition, the winter was also warmer than 2004 in New England, a principal consuming region of home

heating oil. Consequently, although sales of heating oil to the residential market fell in every region of the country, they fell the most in the New England and Central Atlantic regions. Sales fell by 231.3 million gallons (9.5 percent) in New England and by 118.5 million gallons (3.9 percent) in the Central Atlantic. Overall, sales of residential heating oil decreased by 490.5 million gallons or 7.4 percent to approximately 6.2 billion gallons.

Second, atypically warm weather also contributed to a change in distillate sales for use in electric power generation. The summer of 2005 was both warmer than the previous summer, and also warmer than normal in most regions of the U.S. Consequently, demand for distillate fuel to meet peak summer generation loads was higher than it had been in 2004.⁹ Nationally, sales increased by approximately 83.6 million gallons (10.2 percent). Sales to the electric power sector increased throughout the country other than in the New England and Lower Atlantic portions of PAD District 1.¹⁰

Third, at the national level, distillate sales to the farm use sector were essentially unchanged at 3.2 billion gallons from the level set in 2004. Sales increased by only 26.8 million gallons, just 0.8 percent and that small change is also reflected in the number of acres of five major crops harvested during 2005. Although the number of harvested acres of cotton and corn increased, the acreage of soybeans and winter wheat that were harvested declined. As a result, for the principal crops the number of acres harvested decreased by 0.4 percent. Nationally the amount of citrus fruit harvested increased by 3.0 percent.¹¹ However, that percentage conceals the fact that the increase took place primarily in the citrus growing regions in the far west. Damages to all crops along the Gulf Coast from the hurricanes totaled an estimated \$1.1 billion. Nonetheless, distillate sales to the farm use sector in Florida, Alabama, Mississippi and Texas show either modest or robust increases, with sales increasing 12.8 percent in PAD District 3.

Fourth, weather also had a negative impact on sales for direct use by oil companies. Hurricanes Katrina

⁷ Reuters News, 14:34 October 18, 2005; Associated Press, December 1, 2005.

⁸ EIA, *Monthly Energy Review*, May 2006, Table 2.1

⁹ Smaller peaking units, especially older units are often combustion turbines (in some cases converted jet turbine engines that run on No 2 fuel oil). Such units are used in the winter when it is very cold, periods when interruptible contract provisions are triggered and some users of natural gas must switch to alternatives. It is also not unusual for distillate fuel to be used in such peaking units during the summer to meet peak cooling demand.

¹⁰ The U.S. is divided into 5 Petroleum Administration for Defense Districts (PAD Districts). District 1, East Coast, District 2, Midwest, District 3, Gulf Coast, District 4, Rocky Mountain, and District 5, West Coast. PAD District 1 is broken into three subdivisions: Subdistrict 1A, New England, Subdistrict 1B, Central Atlantic, and Subdistrict 1C, Lower Atlantic.

¹¹ Department of Agriculture, National Agricultural Statistics Service, *Statistical Highlights of U.S. Agriculture, 2005 & 2006*.

and Rita ravaged the oil and gas infrastructure in the Gulf of Mexico, causing widespread and extensive damage to production platforms and to subsurface structures in the Gulf of Mexico that far exceeded the damage done in 2004 by Hurricane Ivan. In addition, the two storms in 2005 also caused extensive damage to refineries, pipelines, pumping stations and other facilities and installations. Much of that damage took months to repair.¹²

At the national level, distillate sales for oil company use were virtually unchanged, totaling approximately 473 million gallons in both 2005 and 2004. Sales increases in PAD Districts 1 and 2 were offset by declines in PAD Districts 3 and 5. Although the sales in PAD District 3 fell only by 8.5 million gallons despite the widespread devastation in the region, that slight drop must be seen as a further drop within the context of the 50.8 million gallon (15.8 percent) drop that occurred following Hurricane Ivan in 2004. In PAD District 2, the Midwest, sales increased by 7.5 percent and sales also increased in the Rocky Mountains where major natural gas exploration efforts, especially in Wyoming and Colorado, are underway. Sales in that region increased by 4.1 percent.

On a regional basis, the warmer winter weather resulted in a drop in distillate sales to the residential sector in those regions of the U.S. where sales for home heating are concentrated. Sales fell the most in PAD District 1 (the East Coast), dropping by 390.0 million gallons. Within PAD District 1, sales fell the most in Subdistrict 1A (New England) and Subdistrict 1B (the Central Atlantic), sales dropped by 231.3 million gallons and 118.5 million gallons respectively. In PAD District 2 sales fell by 76.3 million gallons.

Sales to the commercial sector decreased in all three subdistricts of PAD District 1, falling by 56.9 million gallons in Subdistrict 1A, 62.2 million gallons in Subdistrict 1B, and 27.2 million gallons in Subdistrict 1C. Sales also fell in PAD District 2 by 80.8 million gallons, and PAD District 4 where sales slipped by 1.9 million gallons. Sales increased by 43.8 million in PAD District 3 (the Gulf Coast) and 26.4 million gallons in PAD District 5 (the Pacific Coast). The substantial decreases in the Central Atlantic and New England sub-regions of PAD District 1 reflect, to some extent, reduced opportunities for fuel switching

that resulted from warmer winter conditions than occurred in 2004.

Nationally, despite an overall decrease in total energy consumption by the industrial sector of 4.6 percent, sales of distillate fuel oil for use in industrial applications increased.¹³ On a regional basis, sales of distillate to the industrial sector were mixed, down in some regions and up in others. Although overall sales increased in PAD District 1, sales decreased in both the New England and Central Atlantic portions of the region, down 15.7 million gallons and 4.6 million gallons, respectively. The overall increase in PAD District 1 was driven by a substantial increase of 75.7 million gallons (15.4 percent) in Subdistrict 1C, the Lower Atlantic. In PAD District 2, sales increased by 44.9 million gallons (7.1 percent). Sales also increased in the PAD District 5, the West Coast region, going up by 28.9 million gallons or 10.1 percent.

Although sales to the military fell by 25.1 percent overall, sales by region were mixed. Sales in the Central Atlantic portion of PAD District 1 fell, while sales in the New England and Lower Atlantic portions of the District increased. Sales also increased in PAD Districts 3 and 4, while the largest decline took place in PAD District 5, where sales fell by 110.0 million gallons (a drop of 62.4 percent).

At the regional level, sales to the off-highway and construction sector were somewhat mixed with sales in PAD District 2. Sales in the Northeast and Middle Atlantic portions of PAD District 1 fell, while sales in the Lower Atlantic portion of PAD District 1 and in PAD Districts 3, 4, and 5 increased. In PAD District 1, sales in the New England and Central Atlantic regions fell by 6.0 million gallons and 34.0 million gallons, respectively, while sales in PAD District 2 fell by 18.6 million gallons. Sales increased the most in PAD District 3, the Gulf Coast. Although the hurricanes may have had a negative impact on sales in Alabama and Mississippi, sales for off-highway and construction increased in Louisiana, possibly reflecting the cleanup efforts in the New Orleans area. Sales in Texas increased the most in the region.

On a regional basis, distillate sales to the electric power sector increased in all five PAD Districts. Sales increased the most in PAD District 3, the Gulf

¹² Oil Daily various issues; see especially October 5, on the extent of damage to on-shore natural gas facilities; see October 12, on the price impact for natural gas; October 13 on the impact on heating oil prices; October 19 on the drop in LNG imports due to damaged facilities.

¹³ EIA, *Monthly Energy Review*, May 2006, Table 2.1.

Coast, and in the Central Atlantic region of PAD District 1. Sales dropped somewhat in the New England and Lower Atlantic subdistricts but not enough to overcome the increase in the Central Atlantic subdistrict where sales grew by 75.0 million gallons.

Residual Fuel Oil

The strength of the economy and continued strong sales for vessel bunkering and electric power helped boost overall sales of residual fuel oil by nearly 1.7 billion gallons, an increase of 14.0 percent. Although the largest component of the increase in sales was to the electric power segment where sales increased by nearly 1.1 billion gallons (22.5 percent), sales also increased to most other sectors as well. Prompted in part by the high price of natural gas and by supplier-constrained natural gas availability following the hurricane-related damage to production and distribution facilities, fuel switching on the part of some industrial consumers took place. This helped boost sales of residual fuel oil to the industrial sector by 130.7 million gallons (8.5 percent). Sales of bunker fuel also increased, growing by 488.1 million gallons (10.4 percent). The only sizeable decline in the sales of residual fuel took place in the commercial segment of the market where sales fell by 61.6 million gallons (7.9 percent).

In 2005, the largest increase in sales of residual fuel oil was for the generation of electric power. The summer of 2005 was 13.4 percent warmer than was the summer of 2004, and 15.0 percent warmer than normal, helping to push electric power sales to their highest level since 1998. There is some evidence that concern over the supply of natural gas for use in the generation of electricity is leading to less emphasis on natural gas in at least one region of the country. In October 2005, ISO New England approved the 2005 Regional System Plan that, among other provisions, called for the diversification of the fuel mix for the region, including the conversion of more than 1,000 megawatts of gas-only fired generation to dual-fuel capability by the winter of 2009-2010.¹⁴

On a regional basis, sales of residual fuel to the commercial sector decreased in most regions of the country. Sales fell the most in the Central Atlantic subdistrict 1B and in PAD District 2. Sales increased only in the New England subdistrict 1A and in PAD District 4, the Rocky Mountains.

Sales to the industrial sector increased the most in PAD District 3, the Gulf Coast, where despite the impact of the hurricanes, sales were up in Alabama, Louisiana, and Texas. Sales in PAD District 3 increased by 141.6 million gallons, or by 94.4 percent. Sales also increased in PAD District 4 and the New England portion of PAD District 1. However, falling sales in both the Central and Lower Atlantic portions of PAD District 1 resulted in an overall drop in sales in the region of 29.7 million gallons (2.6 percent).

In 2005, although sales to the military decreased slightly on a national basis, dropping by just 2.1 percent, sales on a regional basis were more mixed. While sales increased in the New England portion of PAD District 1, sales dropped in the Lower and Central Atlantic portions of the District. Sales also dropped somewhat in PAD District 5, the West Coast and in PAD District 3, the Gulf Coast.¹⁵

Sales of residual fuel for direct use by oil companies increased by 27.2 million gallons nationally, an increase of 58.2 percent. Although sales dropped slightly in PAD District 1, the East Coast, strong gains were registered in PAD Districts 2, 4 and 5.

Although sales of residual fuel oil increased in each of the past three years, this fact does not necessarily indicate that the long-term trend in the decline of heavy fuel oil has been reversed. Rather, a new dynamic has entered the market. Whenever weather and high prices for competing fuels provide the incentive for fuel switching, larger customers in the industrial, commercial and especially the electric power sectors may take advantage of the situation and switch temporarily to oil.

For residual fuel oil, although the overall trend has been down, fluctuations in the amount of fuel sold remain likely to occur whenever interruptible gas contracts take effect during the coldest winter periods and whenever price differentials make switching attractive. The fluctuations can occur either in the short-term or when prolonged higher prices of natural gas make fuel switching attractive.

Although the long-term trend toward lower sales of residual fuel continues to affect the market, with long-term high-priced natural gas, some industrial companies and particularly utilities, have switched units to fuel oil on a longer term basis than simply reacting to seasonal price spikes. In addition, there is

¹⁴ ISO New England, 2005 Regional System Plan, October 20, 2005. ISO is Independent System Operator.

¹⁵ No sales of residual fuel to the military were recorded in PAD District 3 or 4 in either 2001 or 2002.

some evidence of concern regarding increasing dependency on natural gas for the generation of electric power, which may lead to a greater degree of fuel diversification and provide stimulation to the sale of residual fuel oil for the generation of electric power.

Nonetheless, the principal reasons for the changing relationship remain, changing crude oil specifications, enhanced refinery sophistication resulting in increased production of gasoline and distillate at the expense of heavier products such as residual fuel oil, environmental constraints and restrictions on fuel oil use, and the availability of abundant relatively inexpensive natural gas have contributed to a diminished use of residual fuel oil in the production of electric power.¹⁶

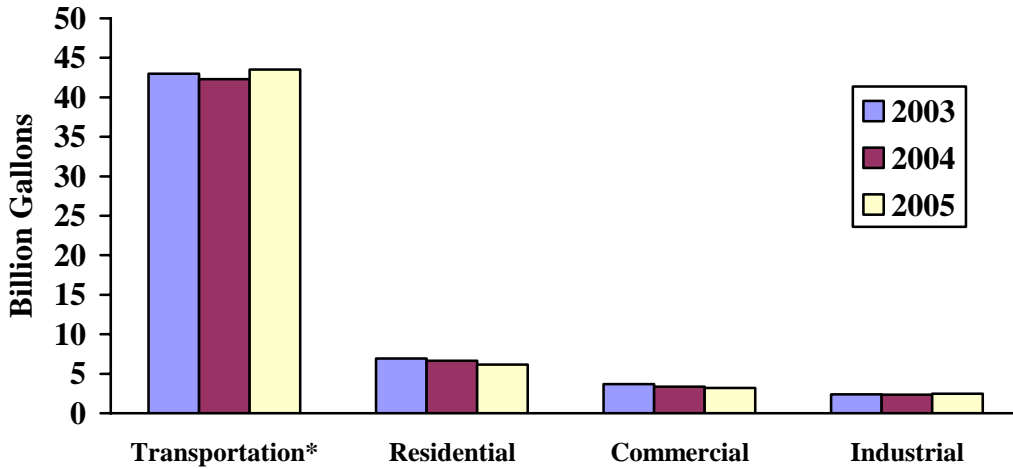
Kerosene

Although the sales of kerosene reached their highest point since 2001, increasing by 81.5 million gallons over the total reached in 2005, the amount of the increase was only slightly more than half the increase of 151.2 million gallons registered in 2004. In 2005, sales of kerosene increased to all sectors of the market with the exception of the residential market where the warm winter hampered sales for home heating. The drop in sales to the residential sector was greatest in PAD District 1 where sales in the Lower Atlantic subdistrict fell by 11.6 million gallons (6.4 percent). Sales in the Central Atlantic region of PAD District 1 increased by 5.1 million gallons (2.5 percent), while sales in the New England subdistrict 1A were essentially unchanged. Sales to the industrial segment of the market increased the most, jumping by 74.9 million gallons (38.9 percent). Although sales to the farm sector increased nationally, sales were down in PAD Districts 3, 4, and 5.

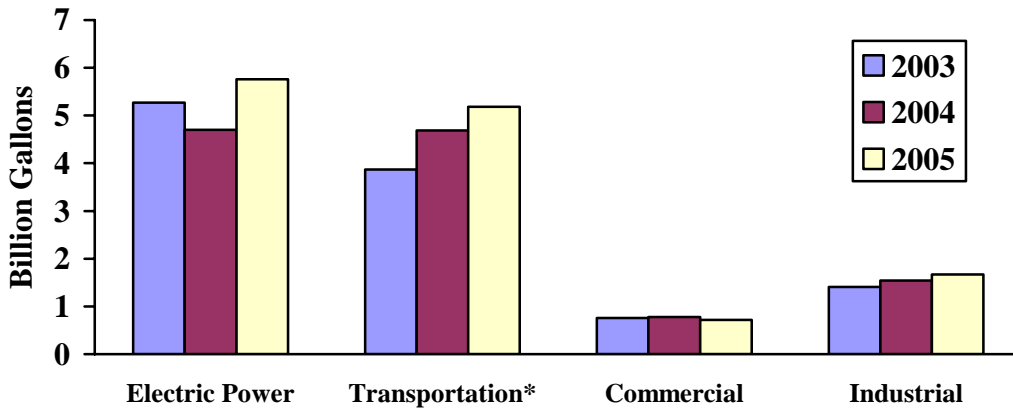
¹⁶ It should be noted that the ability to increase production of light, higher-value products does not typically mean that refineries with upgraded processing capacity no longer possess the ability to produce heavier products such as residual fuel; rather, the economics involved dictate the production of the higher-value products. Due to the divestiture of many electric power generation facilities, changes in fuel use and plant operations also contributed to the decline of residual fuel oil. For example, operators of these merchant plants blend fuels to achieve greater efficiency and to lower emissions of dirtier fuels (oil blended with natural gas and even oil and coal). When it is advantageous, the operators also may purchase power rather than generate electricity and re-sell the fuel.

Figure HL1. U.S. Sales of Distillate and Residual Fuel Oils by Energy Use, 2003-2005

Distillate Fuel Oil



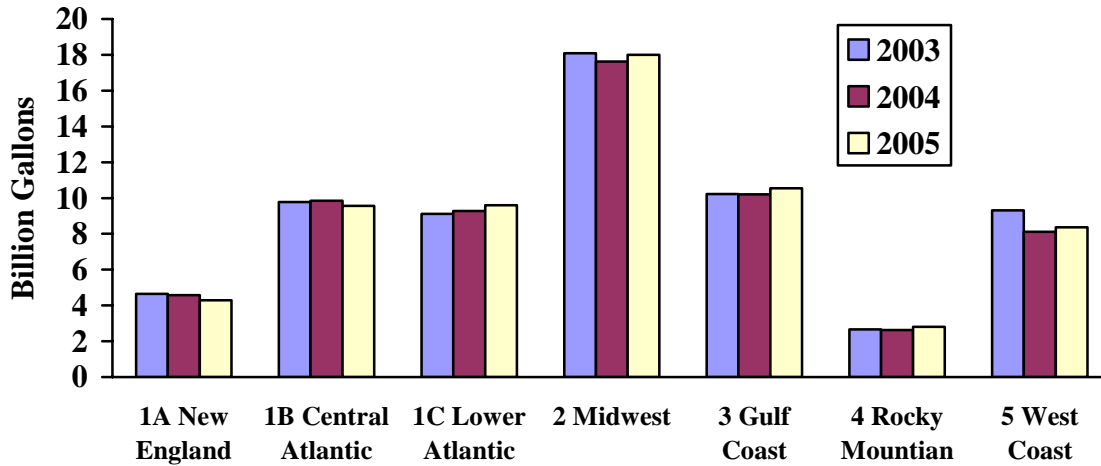
Residual Fuel Oil



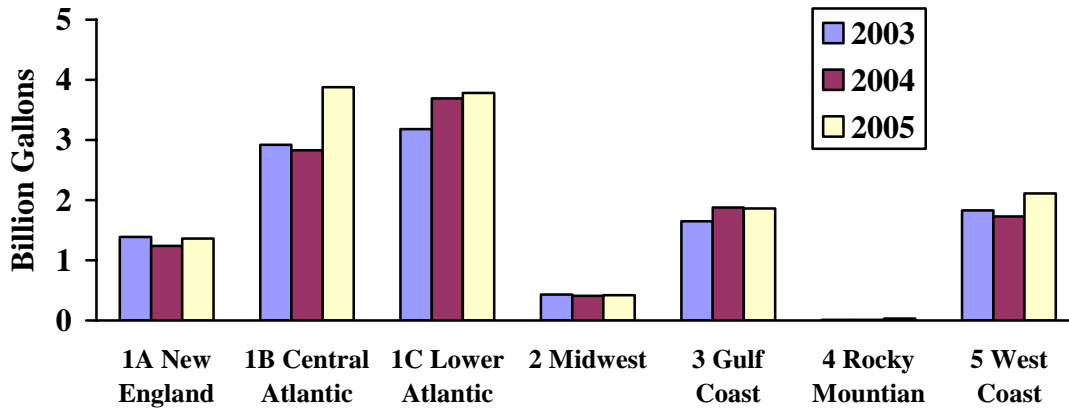
*For distillate fuel oil, transportation use comprises railroad, vessel bunkering, and on-highway diesel energy use categories. For residual fuel oil, transportation use comprises vessel bunkering energy use category.
 Source: Energy Information Administration, Form EIA-821, "Fuel Oil and Kerosene Sales Report," 2004 and 2005.

Figure HL2. Volume Distribution of Distillate and Residual Fuel Oils by PAD District, 2003-2005

Distillate Fuel Oil



Residual Fuel Oil

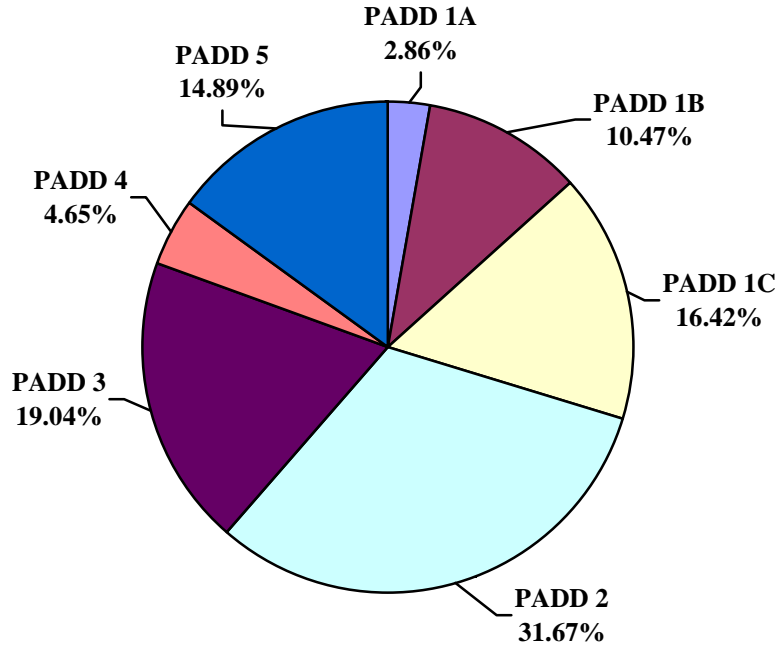


*Residual fuel oil sales in PAD District 4 are too small to appear in the graph.

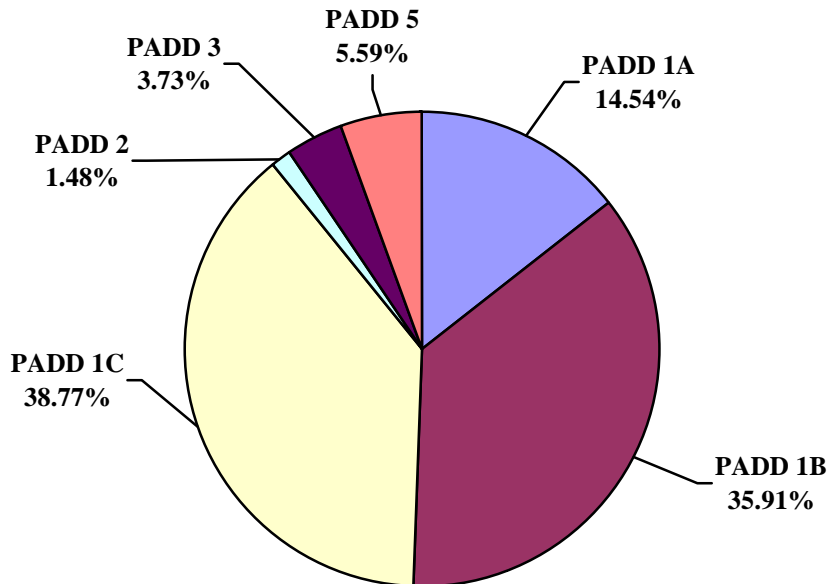
Source: Energy Information Administration, Form EIA-821, "Fuel Oil and Kerosene Sales Report," 2004 and 2005.

Figure HL3. Distillate and Residual Fuel Oil Sales for Selected Energy Use Categories by PADD District, 2005

Distillate: Transportation



Residual: Electric Power



*Residual fuel oil sales in PAD District 4 are too small to appear in the graph.

Source: Energy Information Administration, Form EIA-821, "Fuel Oil and Kerosene Sales Report," 2005.

Table 1. Sales of Distillate Fuel Oil by Energy Use in the United States: 2001-2005
(Thousand Gallons)

Energy Use	Distillate Fuel Oil				
	2001	2002	2003	2004	2005
U.S. Total	59,911,345	59,342,633	63,854,776	62,257,934	63,164,569
Residential	6,642,941	6,376,653	6,927,070	6,644,939	6,154,461
Commercial	3,717,862	3,293,387	3,686,537	3,383,061	3,224,216
Industrial	2,466,456	2,384,383	2,394,445	2,326,604	2,459,711
Oil Company	747,627	770,682	513,511	472,920	472,922
Farm	3,584,104	3,418,452	3,200,809	3,189,014	3,215,819
Electric Power	1,343,761	750,557	1,147,727	823,380	906,976
Railroad	3,039,761	3,245,482	3,656,657	3,047,491	3,447,630
Vessel Bunkering	2,044,049	2,078,921	2,216,921	2,139,643	2,005,564
On-Highway Diesel	33,215,320	34,308,885	37,103,563	37,125,239	38,053,129
Military	401,236	357,359	415,702	358,682	268,553
Off-Highway Diesel	2,708,228	2,357,872	2,591,833	2,746,960	2,955,589

Notes: • 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 2001-2005. • On-Highway Diesel data are Federal Highway Administration statistics of highway special fuels use.

Table 2. Sales of Residual Fuel Oil by Energy Use in the United States: 2001-2005
(Thousand Gallons)

Energy Use	Residual Fuel Oil				
	2001	2002	2003	2004	2005
U.S. Total	13,609,379	10,361,615	11,412,833	11,794,362	13,442,165
Commercial	647,758	572,039	755,956	781,944	720,361
Industrial	1,747,367	1,250,634	1,414,052	1,539,830	1,670,563
Oil Company	132,177	108,673	84,100	46,818	74,048
Electric Power	5,647,433	3,575,249	5,273,089	4,704,027	5,763,623
Vessel Bunkering	5,409,378	4,847,704	3,873,849	4,690,454	5,178,560
Military	20,117	3,882	10,249	30,286	29,638
All Other	5,149	3,435	1,538	1,004	5,373

Notes: • 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 2001-2005.

Table 3. Sales of Kerosene by Energy Use in the United States: 2001-2005
(Thousand Gallons)

Energy Use	Kerosene				
	2001	2002	2003	2004	2005
U.S. Total	1,108,926	664,314	837,480	988,680	1,070,160
Residential	704,305	443,919	520,799	627,842	620,767
Commercial	232,608	118,125	138,049	151,811	159,943
Industrial	141,317	77,508	164,386	192,588	267,450
Farm	27,162	19,390	11,674	14,757	19,875
All Other	3,535	5,372	2,572	1,683	2,124

Notes: • See Technical Note 3 for further explanation on adjustments. • Kerosene data in the Sales tables (1-12) are adjusted at the national level. • Totals may not equal sum of components due to independent rounding.

Sources: • Kerosene data are based on data from the Energy Information Administration's Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2001-2005 and the "Petroleum Supply Annual," Volume 1, 2001-2005, (DOE/EIA-0340(01)/1 - (05)/1).

Table 4. Sales of Distillate Fuel Oil by Energy Use, 2004 and 2005

(Thousand Gallons)

Destination	Residential		Commercial		Industrial	
	2004	2005	2004	2005	2004	2005
U.S. Total	6,644,939	6,154,461	3,383,061	3,224,216	2,326,604	2,459,711
PAD District 1 Total	5,847,740	5,457,697	2,400,362	2,254,024	819,670	875,054
Subdistrict 1A Total	2,436,994	2,205,699	631,293	574,337	92,871	77,183
Connecticut	713,161	626,032	148,599	126,262	22,895	14,693
Maine	413,995	353,737	145,733	120,968	24,810	18,686
Massachusetts	810,208	773,294	180,658	197,748	16,832	16,807
New Hampshire	223,569	201,240	76,897	64,545	11,174	11,109
Rhode Island	163,092	156,669	35,993	28,802	7,603	4,747
Vermont	112,969	94,728	43,414	36,012	9,556	11,139
Subdistrict 1B Total	3,018,796	2,900,298	1,326,940	1,264,768	234,918	230,304
Delaware	40,435	38,097	12,589	9,989	3,460	3,105
District of Columbia	16,211	14,715	19,168	16,943	364	3
Maryland	171,686	171,922	88,334	74,901	27,141	22,292
New Jersey	415,197	369,361	112,288	146,817	40,424	28,390
New York	1,435,595	1,471,188	834,103	759,080	62,413	64,413
Pennsylvania	939,672	835,016	260,457	257,038	101,116	112,101
Subdistrict 1C Total	391,949	351,699	442,130	414,919	491,881	567,567
Florida	5,333	4,138	166,747	148,640	83,403	94,203
Georgia	1,687	1,743	45,141	35,404	73,123	90,643
North Carolina	120,172	93,493	70,391	70,053	62,064	82,935
South Carolina	12,053	10,103	23,155	26,080	26,605	33,195
Virginia	234,702	226,206	126,833	125,069	126,503	120,654
West Virginia	18,003	16,015	9,862	9,673	120,184	145,938
PAD District 2 Total	586,370	510,040	513,895	433,064	630,589	675,500
Illinois	12,734	8,891	35,069	34,959	52,020	65,259
Indiana	42,586	37,706	70,834	53,476	96,290	106,548
Iowa	13,478	9,498	19,530	13,269	11,240	11,450
Kansas	537	153	24,137	10,260	11,426	11,315
Kentucky	18,434	15,521	33,677	32,432	96,827	118,799
Michigan	85,472	81,639	44,523	53,162	27,631	28,227
Minnesota	98,500	82,104	33,688	42,039	60,808	53,247
Missouri	8,065	6,769	35,644	21,826	39,762	32,658
Nebraska	4,034	3,710	7,613	8,627	7,495	8,473
North Dakota	24,368	19,311	7,539	5,922	13,716	27,208
Ohio	140,283	120,040	80,936	53,305	88,047	70,044
Oklahoma	38	41	12,292	10,561	10,989	12,905
South Dakota	10,319	9,609	8,118	8,550	5,172	2,524
Tennessee	5,235	4,269	44,874	32,720	44,723	55,710
Wisconsin	122,287	110,780	55,421	51,955	64,445	71,133
PAD District 3 Total	7,414	1,550	180,988	224,788	375,388	382,875
Alabama	555	588	46,287	31,443	123,420	130,658
Arkansas	232	62	21,597	29,986	15,724	24,056
Louisiana	171	205	12,270	14,867	30,019	35,879
Mississippi	214	345	8,670	8,088	21,211	17,160
New Mexico	162	149	16,892	26,371	30,631	38,076
Texas	6,081	200	75,273	114,032	154,383	137,046
PAD District 4 Total	30,839	23,382	67,457	65,592	214,693	211,087
Colorado	687	367	13,538	26,235	28,345	32,179
Idaho	17,357	13,519	16,790	14,099	19,993	22,775
Montana	7,819	7,102	12,337	6,840	36,627	30,403
Utah	3,546	1,091	20,520	14,411	32,209	34,574
Wyoming	1,431	1,304	4,272	4,007	97,518	91,157
PAD District 5 Total	172,576	161,792	220,359	246,748	286,264	315,195
Alaska	70,667	67,951	48,515	42,201	44,427	44,850
Arizona	208	134	14,502	19,842	60,210	80,397
California	5,970	6,536	69,686	82,606	55,585	50,251
Hawaii	13	10	15,985	16,137	2,767	3,974
Nevada	7,145	8,563	15,592	20,720	83,402	96,937
Oregon	31,838	26,132	24,819	21,658	22,218	17,961
Washington	56,734	52,465	31,260	43,584	17,656	20,826

See footnotes at end of table.

Table 4. Sales of Distillate Fuel Oil by Energy Use, 2004 and 2005 (Continued)

(Thousand Gallons)

Destination	Oil Company		Farm		Electric Power	
	2004	2005	2004	2005	2004	2005
U.S. Total	472,920	472,922	3,189,014	3,215,819	823,380	906,976
PAD District 1 Total	19,682	30,018	410,712	403,619	420,016	450,151
Subdistrict 1A Total	126	9	37,141	29,824	22,998	20,025
Connecticut	38	—	6,574	3,818	6,306	5,042
Maine	—	7	12,208	9,791	552	950
Massachusetts	45	—	5,434	3,587	13,407	10,804
New Hampshire	17	—	5,449	4,967	958	1,268
Rhode Island	12	2	180	288	1,575	1,239
Vermont	14	—	7,297	7,373	199	721
Subdistrict 1B Total	9,664	19,567	119,597	109,427	172,061	247,077
Delaware	5,348	7,945	6,557	7,680	4,165	4,582
District of Columbia	—	—	—	—	4,888	23,186
Maryland	2	—	18,511	19,704	30,524	50,929
New Jersey	497	6,741	4,148	4,260	29,952	25,987
New York	11	101	47,399	41,956	37,736	34,835
Pennsylvania	3,807	4,779	42,981	35,826	64,797	107,559
Subdistrict 1C Total	9,892	10,441	253,974	264,368	224,956	183,048
Florida	16	—	86,513	87,203	97,653	72,908
Georgia	1,451	219	69,893	70,280	16,154	11,534
North Carolina	—	—	40,286	39,245	22,681	23,272
South Carolina	—	—	20,720	29,479	13,257	13,780
Virginia	1,707	1,123	34,922	36,490	38,742	37,664
West Virginia	6,718	9,099	1,639	1,671	36,468	23,890
PAD District 2 Total	80,051	86,021	1,580,103	1,544,472	163,258	175,651
Illinois	81	56	157,666	162,443	12,062	16,654
Indiana	20	718	118,994	124,304	10,615	15,584
Iowa	—	—	157,072	151,671	9,444	14,519
Kansas	11,343	21,773	181,777	159,946	5,870	4,090
Kentucky	1,754	2,917	30,002	26,706	7,698	8,391
Michigan	1,189	1,140	47,780	44,810	20,083	19,767
Minnesota	—	—	112,077	115,548	8,727	7,575
Missouri	64	1	114,780	121,319	6,042	3,663
Nebraska	2	38	208,871	193,725	1,548	1,375
North Dakota	8,651	12,294	106,496	106,813	2,817	2,570
Ohio	3,732	5,119	101,747	102,907	49,124	46,623
Oklahoma	52,609	41,180	49,793	47,390	2,309	3,394
South Dakota	368	525	57,823	58,711	1,371	1,691
Tennessee	238	261	33,819	32,437	13,100	18,980
Wisconsin	—	—	101,408	95,743	12,448	10,772
PAD District 3 Total	271,798	263,269	596,059	672,418	27,743	62,989
Alabama	6,030	3,893	30,667	31,885	9,864	15,279
Arkansas	2,137	1,414	189,776	224,598	5,765	6,193
Louisiana	36,576	29,676	45,121	61,292	2,460	8,488
Mississippi	1,401	2,656	52,733	48,291	3,745	6,216
New Mexico	30,590	20,886	27,952	14,078	2,492	2,651
Texas	195,064	204,743	249,810	292,274	3,417	24,161
PAD District 4 Total	61,434	63,969	170,441	191,154	6,900	8,161
Colorado	13,449	26,918	39,630	39,326	1,359	875
Idaho	—	—	55,285	66,434	21	9
Montana	16,743	23,751	56,046	67,402	—	1,316
Utah	12,035	817	9,410	9,422	1,331	1,119
Wyoming	19,207	12,483	10,070	8,571	4,189	4,842
PAD District 5 Total	39,955	29,645	431,698	404,155	205,464	210,025
Alaska	25,400	17,515	60	38	58,662	57,455
Arizona	309	3	16,557	17,615	5,020	4,880
California	12,649	9,960	337,603	317,334	6,359	6,014
Hawaii	5	764	5,913	5,188	128,272	133,828
Nevada	1,043	1,081	4,866	2,540	914	1,762
Oregon	—	—	31,133	26,932	5,060	4,767
Washington	549	322	35,567	34,508	1,177	1,318

See footnotes at end of table.

Table 4. Sales of Distillate Fuel Oil by Energy Use, 2004 and 2005 (Continued)

(Thousand Gallons)

Destination	Railroad		Vessel Bunkering		On-Highway	
	2004	2005	2004	2005	2004	2005
U.S. Total	3,047,491	3,447,630	2,139,643	2,005,564	37,125,239	38,053,129
PAD District 1 Total	556,672	678,087	489,921	478,783	11,731,295	11,787,222
Subdistrict 1A Total	53,814	74,107	46,375	46,586	1,114,427	1,124,417
Connecticut	3,656	4,274	7,306	6,927	284,212	304,875
Maine	74	53	14,031	9,509	174,373	175,342
Massachusetts	49,830	69,275	16,094	22,137	424,503	422,272
New Hampshire	185	149	3,820	3,464	111,503	101,662
Rhode Island	—	—	4,497	4,235	57,962	57,828
Vermont	69	356	627	314	61,874	62,438
Subdistrict 1B Total	166,292	226,753	134,683	152,325	4,385,713	4,177,593
Delaware	836	275	680	764	65,202	68,514
District of Columbia	11,315	4,789	39	6	24,276	15,444
Maryland	2,673	18,291	14,398	20,131	538,061	561,259
New Jersey	19,523	18,557	83,306	97,683	896,454	936,708
New York	76,068	80,869	13,296	8,759	1,410,982	1,104,919
Pennsylvania	55,877	103,972	22,964	24,982	1,450,738	1,490,749
Subdistrict 1C Total	336,566	377,227	308,863	279,872	6,231,155	6,485,212
Florida	72,790	73,273	148,556	138,813	1,567,480	1,716,103
Georgia	121,454	123,026	25,364	19,408	1,449,793	1,648,729
North Carolina	60,844	88,655	8,384	11,438	1,095,092	1,058,588
South Carolina	13,651	10,140	34,151	23,857	709,044	678,052
Virginia	54,029	66,910	22,204	19,848	1,115,628	1,080,515
West Virginia	13,799	15,224	70,203	66,507	294,118	303,225
PAD District 2 Total	1,022,009	1,240,086	423,339	383,996	11,799,020	12,155,251
Illinois	59,292	52,155	107,110	103,673	1,397,874	1,460,631
Indiana	85,757	105,916	7,289	13,338	1,242,988	1,319,432
Iowa	44,488	45,513	6,649	5,902	571,883	582,829
Kansas	49,475	116,031	—	—	413,594	421,817
Kentucky	85,954	102,401	89,374	98,447	856,232	866,340
Michigan	20,607	19,894	8,792	9,282	974,893	945,796
Minnesota	59,387	70,019	5,367	4,246	660,745	660,440
Missouri	47,388	41,799	65,819	39,243	1,013,808	1,045,713
Nebraska	40,805	45,671	—	—	402,763	404,792
North Dakota	54,422	58,741	—	—	156,154	166,668
Ohio	223,369	189,158	3,104	1,182	1,580,121	1,601,756
Oklahoma	148,118	280,380	6	24	636,979	739,025
South Dakota	4,843	4,585	—	—	175,679	186,173
Tennessee	65,590	76,857	127,881	107,846	990,608	1,052,460
Wisconsin	32,513	30,966	1,949	814	724,699	701,379
PAD District 3 Total	757,761	759,524	849,224	720,345	6,574,471	6,802,473
Alabama	56,889	55,531	116,401	96,093	786,306	781,017
Arkansas	78,238	48,757	40,574	20,101	600,997	633,320
Louisiana	37,267	32,506	419,196	383,249	658,561	683,620
Mississippi	29,989	14,205	70,417	71,530	598,448	612,959
New Mexico	11,690	11,910	—	—	465,748	480,401
Texas	543,688	596,616	202,637	149,371	3,464,411	3,611,156
PAD District 4 Total	234,232	242,357	4	4	1,669,421	1,778,660
Colorado	37,131	18,247	—	—	505,771	536,245
Idaho	21,083	25,393	4	3	238,093	249,569
Montana	38,900	74,265	—	—	222,384	244,486
Utah	33,904	29,878	—	—	365,585	390,679
Wyoming	103,214	94,575	—	—	337,588	357,681
PAD District 5 Total	476,818	527,576	377,155	422,437	5,351,032	5,529,523
Alaska	6,938	6,916	133,122	121,248	208,558	172,595
Arizona	16,354	13,072	—	—	776,419	844,659
California	310,156	311,863	46,117	123,431	2,844,083	2,967,826
Hawaii	—	—	115,769	114,465	42,788	44,656
Nevada	6,221	5,158	9	13	330,258	352,115
Oregon	58,830	72,070	11,606	11,842	521,796	534,067
Washington	78,319	118,498	70,532	51,438	627,130	613,605

See footnotes at end of table.

Table 4. Sales of Distillate Fuel Oil by Energy Use, 2004 and 2005 (Continued)

(Thousand Gallons)

Destination	Military		Off-Highway		Total	
	2004	2005	2004	2005	2004	2005
U.S. Total	358,682	268,553	2,746,960	2,955,589	62,257,934	63,164,569
PAD District 1 Total	80,996	88,571	920,223	941,494	23,697,290	23,444,719
Subdistrict 1A Total	6,788	12,320	126,922	120,918	4,569,750	4,285,426
Connecticut	1,438	1,309	16,223	20,506	1,210,408	1,113,738
Maine	2,818	7,137	25,181	15,957	813,777	712,137
Massachusetts	669	663	59,268	59,141	1,576,948	1,575,729
New Hampshire	1,674	1,093	15,840	16,798	451,084	406,295
Rhode Island	11	2,006	2,706	3,527	273,630	259,344
Vermont	177	112	7,704	4,991	243,902	218,184
Subdistrict 1B Total	26,425	25,412	249,001	214,976	9,844,089	9,568,501
Delaware	126	181	4,254	5,304	143,652	146,437
District of Columbia	3,692	2,450	1,612	1,620	81,564	79,156
Maryland	7,581	9,292	40,544	44,548	939,456	993,270
New Jersey	2,246	1,739	86,286	42,768	1,690,321	1,679,010
New York	4,270	3,467	36,031	34,993	3,957,904	3,604,580
Pennsylvania	8,510	8,282	80,274	85,743	3,031,192	3,066,048
Subdistrict 1C Total	47,784	50,839	544,300	605,599	9,283,450	9,590,792
Florida	3,283	3,671	182,078	193,760	2,413,852	2,532,712
Georgia	3,866	3,022	113,946	126,202	1,921,873	2,130,211
North Carolina	7,385	4,863	43,600	57,112	1,530,900	1,529,655
South Carolina	8,683	13,290	62,105	66,210	923,424	904,187
Virginia	24,344	25,749	120,020	139,936	1,899,634	1,880,164
West Virginia	223	243	22,551	22,379	593,768	613,864
PAD District 2 Total	12,291	9,069	804,952	786,395	17,615,877	17,999,545
Illinois	264	629	127,763	115,624	1,961,933	2,020,974
Indiana	237	73	47,876	60,750	1,723,486	1,837,846
Iowa	61	46	23,230	27,827	857,074	862,524
Kansas	310	497	21,795	14,148	720,264	760,029
Kentucky	613	700	45,451	45,023	1,266,015	1,317,676
Michigan	1,006	1,070	76,377	71,660	1,308,352	1,276,446
Minnesota	149	95	72,393	72,169	1,111,840	1,107,483
Missouri	3,642	2,525	87,307	68,177	1,422,320	1,383,692
Nebraska	102	234	15,057	16,948	688,289	683,594
North Dakota	487	384	19,142	10,925	393,793	410,836
Ohio	1,801	300	82,011	74,480	2,354,276	2,264,915
Oklahoma	2,058	282	39,329	43,259	954,521	1,178,441
South Dakota	114	696	9,889	13,945	273,698	287,008
Tennessee	250	243	69,448	81,383	1,395,766	1,463,166
Wisconsin	1,197	1,295	67,884	70,077	1,184,250	1,144,916
PAD District 3 Total	88,144	103,309	475,287	553,293	10,204,276	10,546,833
Alabama	9,909	6,125	125,771	105,863	1,312,099	1,258,375
Arkansas	419	363	26,307	39,115	981,766	1,027,966
Louisiana	33,872	53,790	109,558	128,339	1,385,070	1,431,913
Mississippi	881	688	99,586	65,689	887,293	847,825
New Mexico	694	905	6,361	7,661	593,211	603,088
Texas	42,369	41,439	107,704	206,625	5,044,838	5,377,664
PAD District 4 Total	1,012	1,410	161,106	227,706	2,617,539	2,813,482
Colorado	709	618	55,602	55,113	696,222	736,122
Idaho	55	693	31,155	35,528	399,836	428,022
Montana	40	79	26,229	26,117	417,125	481,761
Utah	45	20	34,113	91,681	512,696	573,693
Wyoming	163	-	14,008	19,267	591,659	593,886
PAD District 5 Total	176,239	66,194	385,392	446,701	8,122,952	8,359,990
Alaska	11,537	14,401	17,662	17,850	625,548	563,020
Arizona	571	796	54,536	108,502	944,685	1,089,900
California	58,066	9,284	189,909	177,709	3,936,183	4,062,814
Hawaii	65,999	1,480	8,361	11,552	385,873	332,054
Nevada	549	1,351	27,159	32,536	477,157	522,775
Oregon	2,022	2,197	39,541	32,502	748,864	750,127
Washington	37,493	36,685	48,223	66,051	1,004,641	1,039,301

^E Estimated data. Since 2005 data were not available, estimate is based on 2004 data.

Dashed (-) = No data reported.

Notes: • 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 2004-2005. • On-Highway Diesel data are Federal Highway Administration statistics of highway special fuels use.

Table 5. Sales of Residual Fuel Oil by Energy Use, 2004 and 2005

(Thousand Gallons)

Destination	Commercial		Industrial		Oil Company		Electric Power	
	2004	2005	2004	2005	2004	2005	2004	2005
U.S. Total	781,944	720,361	1,539,830	1,670,563	46,818	74,048	4,704,027	5,763,623
PAD District 1 Total	731,691	677,598	1,119,427	1,089,775	29,438	29,376	4,061,320	5,141,805
Subdistrict 1A Total	192,682	208,830	233,570	251,167	231	250	808,988	837,753
Connecticut	13,212	13,791	43,729	42,809	231	250	130,411	219,332
Maine	13,977	19,302	126,450	155,292	-	-	54,729	79,809
Massachusetts	111,228	104,108	28,913	29,998	-	-	532,774	445,584
New Hampshire	32,509	48,904	17,369	5,617	-	-	89,094	93,001
Rhode Island	15,871	17,068	11,065	11,369	-	-	1,981	27
Vermont	5,885	5,656	6,044	6,082	-	-	-	-
Subdistrict 1B Total	508,662	439,849	189,255	176,101	28,801	28,670	1,121,164	2,069,711
Delaware	7,666	6,975	31,091	27,921	-	-	28,365	37,305
Maryland	3,479	3,832	28,187	32,352	676	749	69,657	208,677
New Jersey	13,928	11,004	19,774	14,816	1,849	1,977	154,660	121,498
New York	459,167	393,569	58,721	51,384	785	698	699,915	1,427,183
Pennsylvania	24,422	24,468	51,482	49,628	25,491	25,245	168,567	275,048
Subdistrict 1C Total	30,347	28,920	696,601	662,506	406	456	2,131,168	2,234,341
Florida	4,712	13,709	123,045	111,481	-	-	1,871,445	1,952,313
Georgia	-	-	114,521	117,814	-	-	2,949	8,410
North Carolina	11,076	8,943	209,614	192,187	115	100	-	-
South Carolina	1,867	3,017	137,657	129,984	110	130	251	3,951
Virginia	12,692	3,251	97,974	93,832	181	225	256,522	269,666
West Virginia	-	-	13,791	17,210	-	-	-	-
PAD District 2 Total	45,067	38,191	242,955	257,830	1,532	6,974	86,724	85,064
Illinois	1,976	2,359	13,439	11,838	-	-	11,936	-
Indiana	4,582	4,368	21,366	19,473	-	2,187	-	-
Iowa	-	107	11,305	7,477	-	-	-	-
Kansas	-	-	26,755	13,007	-	-	38,782	49,404
Kentucky	-	35	2,344	5,330	-	-	-	-
Michigan	1,980	175	27,553	34,945	-	-	32,937	28,133
Minnesota	18,038	11,946	25,062	41,260	1,157	1,441	3,068	7,527
Missouri	656	672	5,072	3,093	-	-	-	-
Nebraska	1,963	906	7,242	4,003	-	-	-	-
North Dakota	735	1,797	1,787	5,834	-	540	-	-
Ohio	4,043	4,238	25,610	51,308	375	76	-	-
Oklahoma	39	-	24,536	5,929	-	2,730	-	-
South Dakota	511	6	3,223	2,416	-	-	-	-
Tennessee	525	-	11,504	10,037	-	-	-	-
Wisconsin	10,019	11,582	36,157	41,878	-	-	-	-
PAD District 3 Total	2,826	2,445	149,972	291,523	8	45	360,694	214,726
Alabama	-	328	17,284	29,208	-	-	-	5,849
Arkansas	14	-	17,887	743	-	-	31,887	5,770
Louisiana	2,459	2,117	54,961	108,391	-	37	141,180	98,322
Mississippi	352	-	12,431	11,504	8	8	186,401	103,557
New Mexico	-	-	4,179	3,382	-	-	-	-
Texas	-	-	43,229	138,296	-	-	1,226	1,228
PAD District 4 Total	-	114	12,830	19,305	-	7,105	215	-
Colorado	-	-	-	-	-	-	215	-
Idaho	-	-	-	8,636	-	-	-	-
Montana	-	-	1,694	1,672	-	2,485	-	-
Utah	-	114	6,849	8,479	-	-	-	-
Wyoming	-	-	4,287	517	-	4,620	-	-
PAD District 5 Total	2,361	2,013	14,646	12,129	15,839	30,549	195,075	322,027
Alaska	-	-	-	-	-	-	-	-
Arizona	-	-	1,314	813	-	-	-	-
California	-	-	560	435	-	-	-	-
Hawaii	169	110	-	-	15,839	30,549	195,075	322,027
Nevada	-	-	10	-	-	-	-	-
Oregon	2,192	1,903	12,119	10,403	-	-	-	-
Washington	-	-	643	478	-	-	-	-

See footnotes at end of table.

Table 5. Sales of Residual Fuel Oil by Energy Use, 2004 and 2005 (Continued)

(Thousand Gallons)

Destination	Vessel Bunkering		Military		All Other		Total	
	2004	2005	2004	2005	2004	2005	2004	2005
U.S. Total	4,690,454	5,178,560	30,286	29,638	1,004	5,373	11,794,362	13,442,165
PAD District 1 Total	1,788,718	2,051,033	26,382	26,759	795	496	7,757,770	9,016,842
Subdistrict 1A Total	2,078	58,373	-	4,899	494	310	1,238,044	1,361,581
Connecticut	888	237	-	628	316	310	188,787	277,356
Maine	1,096	37,163	-	-	179	-	196,431	291,566
Massachusetts	95	20,974	-	4,271	-	-	673,009	604,934
New Hampshire	-	-	-	-	-	-	138,973	147,522
Rhode Island	-	-	-	-	-	-	28,917	28,464
Vermont	-	-	-	-	-	-	11,929	11,738
Subdistrict 1B Total	968,460	1,152,556	10,262	9,846	-	187	2,826,604	3,876,920
Delaware	39,650	42,616	-	-	-	-	106,772	114,818
Maryland	42,027	37,075	7,936	8,280	-	-	151,963	290,965
New Jersey	494,761	672,313	-	-	-	-	684,972	821,609
New York	233,710	222,241	-	-	-	187	1,452,297	2,095,260
Pennsylvania	158,311	178,311	2,327	1,566	-	-	430,600	554,267
Subdistrict 1C Total	818,180	840,104	16,120	12,014	300	-	3,693,122	3,778,342
Florida	511,224	525,037	551	-	-	-	2,510,977	2,602,539
Georgia	152,998	174,052	-	-	-	-	270,469	300,275
North Carolina	16,104	15,718	-	758	300	-	237,209	217,706
South Carolina	80,005	61,076	-	-	-	-	219,890	198,159
Virginia	57,849	64,222	15,569	11,256	-	-	440,786	442,452
West Virginia	-	-	-	-	-	-	13,791	17,210
PAD District 2 Total	31,850	32,113	306	-	56	4,250	408,490	424,423
Illinois	635	902	-	-	-	-	27,986	15,099
Indiana	6,460	7,502	-	-	-	-	32,409	33,530
Iowa	-	-	-	-	-	-	11,305	7,584
Kansas	-	-	306	-	-	-	65,844	62,411
Kentucky	244	108	-	-	-	-	2,588	5,473
Michigan	10,056	7,696	-	-	9	595	72,535	71,545
Minnesota	11,866	9,142	-	-	11	-	59,203	71,316
Missouri	722	532	-	-	-	-	6,450	4,298
Nebraska	-	-	-	-	-	10	9,205	4,919
North Dakota	-	-	-	-	-	1,843	2,523	10,015
Ohio	45	-	-	-	36	41	30,109	55,663
Oklahoma	-	-	-	-	-	-	24,575	8,659
South Dakota	-	-	-	-	-	-	3,733	2,422
Tennessee	1,690	2,286	-	-	-	1,760	13,719	14,083
Wisconsin	132	3,946	-	-	-	-	46,308	57,405
PAD District 3 Total	1,366,153	1,348,111	2,614	2,375	32	561	1,882,299	1,859,787
Alabama	50,059	38,852	832	1,114	-	-	68,175	75,350
Arkansas	-	42	-	-	-	561	49,788	7,115
Louisiana	436,468	408,841	-	-	-	-	635,069	617,708
Mississippi	67,465	23,449	-	-	-	-	266,658	138,517
New Mexico	-	-	-	-	32	-	4,212	3,382
Texas	812,161	876,928	1,782	1,261	-	-	858,397	1,017,714
PAD District 4 Total	-	-	-	-	-	62	13,045	26,585
Colorado	-	-	-	-	-	-	215	-
Idaho	-	-	-	-	-	11	-	8,648
Montana	-	-	-	-	-	-	1,694	4,157
Utah	-	-	-	-	-	6	6,849	8,599
Wyoming	-	-	-	-	-	44	4,287	5,181
PAD District 5 Total	1,503,732	1,747,303	984	504	120	4	1,732,757	2,114,528
Alaska	-	460	-	-	-	-	-	460
Arizona	-	-	-	-	-	-	1,314	813
California	1,114,585	1,325,941	-	504	-	-	1,115,144	1,326,880
Hawaii	58,945	43,839	984	-	-	-	271,012	396,524
Nevada	-	-	-	-	-	4	10	4
Oregon	68,711	73,151	-	-	-	-	83,022	85,457
Washington	261,492	303,912	-	-	120	-	262,255	304,390

Dashed (-) = No data reported.

Notes: • 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 2004-2005.

Table 6. Sales of Kerosene by Energy Use, 2004 and 2005

(Thousand Gallons)

Destination	Residential		Commercial		Industrial	
	2004	2005	2004	2005	2004	2005
U.S. Total	627,842	620,767	151,811	159,943	192,588	267,450
PAD District 1 Total	525,481	518,781	114,457	122,199	74,448	135,439
Subdistrict 1A Total	140,330	140,110	25,195	27,857	13,548	17,654
Connecticut	14,660	13,671	7,227	11,177	10,157	11,147
Maine	73,100	71,841	10,540	9,100	704	890
Massachusetts	11,730	12,562	3,802	3,291	453	3,133
New Hampshire	21,972	23,555	1,926	2,598	425	792
Rhode Island	2,086	2,470	288	396	—	68
Vermont	16,781	16,010	1,413	1,295	1,809	1,624
Subdistrict 1B Total	203,213	208,303	65,779	71,992	46,579	103,410
Delaware	5,338	5,616	405	628	14	14,299
District of Columbia	3	—	31	113	—	—
Maryland	23,101	25,922	5,293	5,292	862	2,399
New Jersey	6,516	7,727	11,586	14,740	28,423	55,688
New York	86,750	92,522	31,280	31,886	14,408	26,843
Pennsylvania	81,506	76,516	17,184	19,333	2,871	4,181
Subdistrict 1C Total	181,939	170,369	23,482	22,350	14,322	14,374
Florida	3,973	3,437	857	2,180	1,568	95
Georgia	3,902	2,842	893	1,037	4,409	5,210
North Carolina	79,445	73,718	7,067	6,805	1,570	2,008
South Carolina	22,841	19,995	1,095	1,148	4,212	4,261
Virginia	61,068	59,879	10,171	8,520	1,960	2,153
West Virginia	10,710	10,498	3,399	2,660	603	647
PAD District 2 Total	74,942	74,068	22,919	22,750	15,317	14,898
Illinois	4,208	4,913	1,883	2,217	2,264	2,189
Indiana	10,771	11,022	1,830	1,984	1,693	1,527
Iowa	1,157	927	225	649	39	26
Kansas	441	400	345	568	47	53
Kentucky	8,690	10,535	1,342	1,137	1,490	1,480
Michigan	9,298	9,200	910	1,194	1,122	1,477
Minnesota	1,162	1,154	437	601	157	169
Missouri	3,675	3,329	1,283	1,269	424	279
Nebraska	231	285	275	176	39	38
North Dakota	204	285	83	115	34	18
Ohio	20,349	18,550	10,822	9,394	5,286	4,399
Oklahoma	704	237	277	372	308	730
South Dakota	107	125	76	129	4	3
Tennessee	12,255	11,925	1,799	1,688	1,610	1,586
Wisconsin	1,690	1,181	1,334	1,258	800	923
PAD District 3 Total	5,015	5,609	6,986	5,459	99,968	114,152
Alabama	2,804	3,154	1,071	754	1,478	1,938
Arkansas	450	571	699	850	26	59
Louisiana	405	320	3,255	1,581	84,693	100,140
Mississippi	646	726	382	322	2,280	2,110
New Mexico	226	191	139	125	29	24
Texas	484	646	1,442	1,827	11,461	9,882
PAD District 4 Total	2,327	1,871	1,140	2,261	296	303
Colorado	1,893	1,511	495	1,284	71	121
Idaho	277	230	177	174	33	7
Montana	49	36	121	311	85	43
Utah	78	53	330	471	91	105
Wyoming	30	41	18	19	16	26
PAD District 5 Total	20,076	20,437	6,308	7,274	2,559	2,659
Alaska	828	1,302	25	38	2	2
Arizona	44	174	86	68	117	137
California	11,605	12,748	3,016	2,464	1,288	1,275
Hawaii	—	—	2	1	4	4
Nevada	773	753	67	109	10	15
Oregon	3,917	3,183	1,869	2,571	731	685
Washington	2,909	2,277	1,244	2,023	408	541

See footnotes at end of table.

Table 6. Sales of Kerosene by Energy Use, 2004 and 2005 (Continued)

(Thousand Gallons)

Destination	Farm		All Other		Total	
	2004	2005	2004	2005	2004	2005
U.S. Total	14,757	19,875	1,683	2,124	988,680	1,070,160
PAD District 1 Total	4,952	6,376	884	1,046	720,223	783,841
Subdistrict 1A Total	1,717	2,853	403	348	181,193	188,821
Connecticut	3	7	196	159	32,242	36,162
Maine	841	1,812	31	23	85,215	83,667
Massachusetts	13	7	-	-	15,998	18,993
New Hampshire	312	528	61	115	24,696	27,587
Rhode Island	-	1	-	9	2,374	2,945
Vermont	549	497	116	41	20,668	19,467
Subdistrict 1B Total	2,478	2,335	435	352	318,483	386,392
Delaware	246	42	-	-	6,004	20,585
District of Columbia	-	-	-	-	34	113
Maryland	647	576	90	22	29,992	34,212
New Jersey	5	4	232	30	46,762	78,188
New York	1,190	1,133	38	147	133,666	152,532
Pennsylvania	390	579	75	153	102,026	100,761
Subdistrict 1C Total	757	1,188	46	346	220,547	208,627
Florida	3	8	-	1	6,401	5,720
Georgia	21	58	9	22	9,234	9,168
North Carolina	96	418	2	17	88,179	82,966
South Carolina	111	111	-	2	28,259	25,518
Virginia	418	482	35	174	73,654	71,208
West Virginia	107	111	-	131	14,819	14,047
PAD District 2 Total	7,138	11,308	430	985	120,747	124,009
Illinois	627	656	53	214	9,035	10,189
Indiana	692	764	67	50	15,052	15,347
Iowa	599	588	2	7	2,024	2,197
Kansas	80	3,960	4	2	916	4,982
Kentucky	356	552	81	145	11,959	13,849
Michigan	231	279	4	10	11,565	12,159
Minnesota	426	412	4	101	2,186	2,437
Missouri	140	266	-	-	5,522	5,143
Nebraska	236	126	125	149	906	773
North Dakota	46	53	-	-	367	471
Ohio	2,719	2,818	36	211	39,212	35,372
Oklahoma	92	129	-	2	1,380	1,471
South Dakota	27	33	-	-	214	290
Tennessee	336	95	52	93	16,052	15,387
Wisconsin	532	578	-	-	4,357	3,941
PAD District 3 Total	424	327	2	7	112,394	125,554
Alabama	19	30	-	1	5,372	5,877
Arkansas	15	56	-	-	1,190	1,536
Louisiana	11	11	-	4	88,364	102,056
Mississippi	157	44	-	-	3,464	3,201
New Mexico	19	23	1	1	414	364
Texas	203	163	-	-	13,590	12,519
PAD District 4 Total	204	157	4	35	3,972	4,626
Colorado	134	111	1	1	2,593	3,028
Idaho	32	21	-	1	519	434
Montana	2	2	3	2	259	393
Utah	33	14	-	31	533	675
Wyoming	3	10	-	-	68	96
PAD District 5 Total	2,039	1,707	362	52	31,344	32,130
Alaska	-	-	-	-	855	1,342
Arizona	1	3	-	-	247	382
California	486	470	15	15	16,410	16,972
Hawaii	-	-	-	-	6	6
Nevada	2	2	1	-	853	879
Oregon	1,126	688	14	9	7,657	7,135
Washington	423	545	332	28	5,316	5,414

Dashed (-) = No data reported.

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

Sources: • Kerosene data are based on data from the Energy Information Administration's Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2004-2005 and "Petroleum Supply Annual," Volume 1, 2004-2005, (DOE/EIA-0340(04)/1 - (05)/1).

Table 7. Sales for Residential Use: Distillate Fuel Oil and Kerosene, 2005
(Thousand Gallons)

Destination	Distillate Fuel Oil			Kerosene
	No. 1	No. 2	Total	
U.S. Total	98,087	6,056,374	6,154,461	620,767
PAD District 1 Total	3,048	5,454,649	5,457,697	518,781
Subdistrict 1A Total	1,751	2,203,948	2,205,699	140,110
Connecticut	-	626,032	626,032	13,671
Maine	380	353,357	353,737	71,841
Massachusetts	533	772,760	773,293	12,562
New Hampshire	597	200,643	201,240	23,555
Rhode Island	60	156,609	156,669	2,470
Vermont	181	94,547	94,728	16,010
Subdistrict 1B Total	526	2,899,772	2,900,298	208,303
Delaware	-	38,097	38,097	5,616
District of Columbia	-	14,715	14,715	-
Maryland	-	171,922	171,922	25,922
New Jersey	-	369,361	369,361	7,727
New York	284	1,470,904	1,471,188	92,522
Pennsylvania	242	834,774	835,016	76,516
Subdistrict 1C Total	771	350,928	351,699	170,369
Florida	47	4,091	4,138	3,437
Georgia	-	1,743	1,743	2,842
North Carolina	-	93,493	93,493	73,718
South Carolina	59	10,044	10,103	19,995
Virginia	128	226,078	226,206	59,879
West Virginia	537	15,479	16,016	10,498
PAD District 2 Total	49,648	460,392	510,040	74,068
Illinois	1,261	7,630	8,891	4,913
Indiana	4,488	33,218	37,706	11,022
Iowa	1,876	7,622	9,498	927
Kansas	71	82	153	400
Kentucky	80	15,441	15,521	10,535
Michigan	7,194	74,445	81,639	9,200
Minnesota	15,414	66,689	82,103	1,154
Missouri	1,456	5,313	6,769	3,329
Nebraska	1,799	1,911	3,710	285
North Dakota	2,926	16,386	19,312	285
Ohio	3,344	116,696	120,040	18,550
Oklahoma	8	32	40	237
South Dakota	1,692	7,917	9,609	125
Tennessee	92	4,177	4,269	11,925
Wisconsin	7,947	102,833	110,780	1,181
PAD District 3 Total	28	1,522	1,550	5,609
Alabama	6	583	589	3,154
Arkansas	9	53	62	571
Louisiana	6	199	205	320
Mississippi	-	345	345	726
New Mexico	7	142	149	191
Texas	-	200	200	646
PAD District 4 Total	5,041	18,341	23,382	1,871
Colorado	184	183	367	1,511
Idaho	2,416	11,102	13,518	230
Montana	2,224	4,878	7,102	36
Utah	107	985	1,092	53
Wyoming	110	1,193	1,303	41
PAD District 5 Total	40,322	121,469	161,791	20,437
Alaska	36,205	31,746	67,951	1,302
Arizona	4	130	134	174
California	275	6,261	6,536	12,748
Hawaii	-	10	10	-
Nevada	236	8,327	8,563	753
Oregon	1,367	24,765	26,132	3,183
Washington	2,235	50,230	52,465	2,277

Dashed (-) = No data reported.

Notes: • 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 2005. • Kerosene data are also based on data from Energy Information Administration's "Petroleum Supply Annual," Volume 1, 2005, (DOE/EIA-0340(05)/1).

Table 8. Sales for Commercial Use: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 2005
(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	Low Sulfur Diesel	High Sulfur Diesel					No. 2 Total
U.S. Total	84,845	1,585,470	812,821	550,024	2,948,315	191,056	3,224,216	720,361	159,943
PAD District 1 Total	31,455	1,457,145	325,787	248,629	2,031,562	191,008	2,254,024	677,598	122,199
Subdistrict 1A Total	16,519	460,351	48,229	22,473	531,053	26,765	574,337	208,830	27,857
Connecticut	3,363	100,196	14,676	3,323	118,195	4,703	126,262	13,791	11,177
Maine	17	96,467	13,022	10,532	120,021	930	120,968	19,302	9,100
Massachusetts	13,080	158,759	7,898	2,398	169,056	15,613	197,748	104,108	3,291
New Hampshire	35	53,770	6,836	1,147	61,753	2,757	64,545	48,904	2,598
Rhode Island	1	25,643	1,211	667	27,520	1,281	28,802	17,068	396
Vermont	24	25,515	4,587	4,406	34,508	1,481	36,012	5,656	1,295
Subdistrict 1B Total	12,552	894,432	129,150	64,818	1,088,400	163,817	1,264,768	439,849	71,992
Delaware	-	5,933	790	2,898	9,622	368	9,989	6,975	628
District of Columbia	-	12,670	2,206	73	14,949	1,994	16,943	-	113
Maryland	173	46,388	13,517	13,737	73,643	1,085	74,901	3,832	5,292
New Jersey	6,329	124,254	7,685	1,872	133,810	6,678	146,817	11,004	14,740
New York	5,981	519,839	65,855	17,866	603,561	149,538	759,080	393,569	31,886
Pennsylvania	69	185,348	39,096	28,371	252,815	4,153	257,038	24,468	19,333
Subdistrict 1C Total	2,383	102,361	148,409	161,339	412,110	426	414,919	28,920	22,350
Florida	10	4,954	81,902	61,773	148,630	-	148,640	13,709	2,180
Georgia	-	2,187	19,817	13,400	35,404	-	35,404	-	1,037
North Carolina	-	35,881	21,008	13,069	69,957	96	70,053	8,943	6,805
South Carolina	30	5,190	6,472	14,356	26,019	31	26,080	3,017	1,148
Virginia	2,102	50,409	15,351	56,908	122,667	299	125,069	3,251	8,520
West Virginia	240	3,740	3,859	1,833	9,432	-	9,673	-	2,660
PAD District 2 Total	24,991	100,518	202,026	105,481	408,025	48	433,064	38,191	22,750
Illinois	2,070	3,731	19,144	9,966	32,841	48	34,959	2,359	2,217
Indiana	2,177	22,445	15,155	13,698	51,299	-	53,476	4,368	1,984
Iowa	2,082	5,236	4,487	1,464	11,187	-	13,269	107	649
Kansas	567	1,217	7,529	947	9,693	-	10,260	-	568
Kentucky	51	1,666	17,364	13,351	32,381	-	32,432	35	1,137
Michigan	1,073	8,815	32,145	11,129	52,089	-	53,162	175	1,194
Minnesota	7,261	14,789	17,535	2,454	34,779	-	42,039	11,946	601
Missouri	467	1,424	16,992	2,944	21,360	-	21,826	672	1,269
Nebraska	3,386	1,575	3,208	459	5,241	-	8,627	906	176
North Dakota	624	2,001	2,338	959	5,298	-	5,922	1,797	115
Ohio	1,121	11,999	17,887	22,298	52,184	-	53,305	4,238	9,394
Oklahoma	-	-	7,442	3,119	10,561	-	10,561	-	372
South Dakota	916	2,765	3,391	1,478	7,633	-	8,550	6	129
Tennessee	137	298	17,968	14,317	32,584	-	32,720	-	1,688
Wisconsin	3,060	22,557	19,441	6,898	48,896	-	51,955	11,582	1,258
PAD District 3 Total	1,200	6,092	104,008	113,489	223,588	-	224,788	2,445	5,459
Alabama	154	538	13,887	16,864	31,288	-	31,443	328	754
Arkansas	-	61	3,579	26,347	29,986	-	29,986	-	850
Louisiana	979	294	5,292	8,302	13,888	-	14,867	2,117	1,581
Mississippi	-	22	5,806	2,260	8,088	-	8,088	-	322
New Mexico	56	378	15,708	10,230	26,315	-	26,371	-	125
Texas	10	4,800	59,737	49,486	114,023	-	114,032	-	1,827
PAD District 4 Total	3,403	3,632	35,949	22,608	62,189	-	65,592	114	2,261
Colorado	478	530	11,116	14,111	25,757	-	26,235	-	1,284
Idaho	754	1,153	9,619	2,574	13,346	-	14,099	-	174
Montana	752	1,581	4,466	41	6,088	-	6,840	-	311
Utah	718	331	7,961	5,401	13,693	-	14,411	114	471
Wyoming	703	37	2,787	480	3,304	-	4,007	-	19
PAD District 5 Total	23,797	18,083	145,051	59,817	222,951	-	246,748	2,013	7,274
Alaska	17,677	5,729	3,087	15,709	24,524	-	42,201	-	38
Arizona	41	71	19,730	-	19,801	-	19,842	-	68
California	3,269	411	66,518	12,408	79,337	-	82,606	-	2,464
Hawaii	-	34	9,465	6,638	16,137	-	16,137	110	1
Nevada	149	1,948	18,411	212	20,571	-	20,720	-	109
Oregon	799	3,522	9,928	7,409	20,859	-	21,658	1,903	2,571
Washington	1,863	6,369	17,911	17,442	41,721	-	43,584	-	2,023

Dashed (-) = No data reported.

Notes: • 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 2005. • Kerosene data are also based on data from Energy Information Administration's "Petroleum Supply Annual," Volume 1, 2005, (DOE/EIA-0340(05)/1).

Table 9. Sales for Industrial Use: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 2005
(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	Low Sulfur Diesel	High Sulfur Diesel	No. 2 Total				
U.S. Total	40,112	391,574	859,223	1,101,684	2,352,481	67,118	2,459,711	1,670,563	267,450
PAD District 1 Total	1,253	226,728	108,748	501,292	836,768	37,034	875,054	1,089,775	135,439
Subdistrict 1A Total	301	50,673	13,084	4,065	67,823	9,059	77,183	251,167	17,654
Connecticut	-	8,152	1,394	158	9,705	4,988	14,693	42,809	11,147
Maine	6	15,523	2,212	218	17,953	727	18,686	155,292	890
Massachusetts	-	8,640	4,341	3,198	16,179	628	16,807	29,998	3,133
New Hampshire	274	8,634	1,541	34	10,210	626	11,109	5,617	792
Rhode Island	-	2,975	610	-	3,585	1,163	4,747	11,369	68
Vermont	21	6,750	2,985	456	10,191	927	11,139	6,082	1,624
Subdistrict 1B Total	170	107,384	17,927	90,050	215,362	14,772	230,304	176,101	103,410
Delaware	-	1,100	930	366	2,396	709	3,105	27,921	14,299
District of Columbia	-	3	-	-	3	-	3	-	-
Maryland	18	11,061	3,207	7,538	21,806	468	22,292	32,352	2,399
New Jersey	21	21,445	654	872	22,971	5,398	28,390	14,816	55,688
New York	124	42,887	5,578	9,827	58,293	5,996	64,413	51,384	26,843
Pennsylvania	7	30,886	7,558	71,448	109,893	2,200	112,101	49,628	4,181
Subdistrict 1C Total	782	68,671	77,736	407,176	553,583	13,203	567,567	662,506	14,374
Florida	43	8,982	29,936	53,044	91,962	2,198	94,203	111,481	95
Georgia	249	15,475	23,320	49,052	87,847	2,547	90,643	117,814	5,210
North Carolina	-	9,985	10,907	56,153	77,046	5,889	82,935	192,187	2,008
South Carolina	36	7,288	4,959	19,909	32,156	1,003	33,195	129,984	4,261
Virginia	-	24,862	6,359	87,979	119,200	1,454	120,654	93,832	2,153
West Virginia	453	2,078	2,254	141,040	145,373	112	145,938	17,210	647
PAD District 2 Total	20,688	151,254	201,791	280,703	633,748	21,064	675,500	257,830	14,898
Illinois	4,287	12,305	22,425	24,829	59,560	1,412	65,259	11,838	2,189
Indiana	3,120	32,437	54,488	13,634	100,559	2,868	106,548	19,473	1,527
Iowa	695	1,111	7,395	1,861	10,368	387	11,450	7,477	26
Kansas	327	409	6,628	2,650	9,687	1,301	11,315	13,007	53
Kentucky	15	3,556	14,871	99,241	117,668	1,116	118,799	5,330	1,480
Michigan	544	5,881	4,787	17,014	27,683	-	28,227	34,945	1,477
Minnesota	4,325	38,526	9,448	911	48,885	37	53,247	41,260	169
Missouri	1,627	2,673	12,197	13,383	28,253	2,778	32,658	3,093	279
Nebraska	80	300	1,016	5,404	6,720	1,674	8,473	4,003	38
North Dakota	1,163	4,363	2,355	19,327	26,045	-	27,208	5,834	18
Ohio	664	28,092	16,231	24,361	68,684	695	70,044	51,308	4,399
Oklahoma	-	328	1,702	6,975	9,005	3,900	12,905	5,929	730
South Dakota	171	891	1,235	213	2,339	13	2,524	2,416	3
Tennessee	-	68	25,474	25,350	50,893	4,817	55,710	10,037	1,586
Wisconsin	3,671	20,311	21,538	25,550	67,398	64	71,133	41,878	923
PAD District 3 Total	214	5,132	181,526	188,031	374,688	7,973	382,875	291,523	114,152
Alabama	-	915	27,666	102,077	130,658	-	130,658	29,208	1,938
Arkansas	-	211	3,922	17,321	21,454	2,601	24,056	743	59
Louisiana	-	-	11,175	23,112	34,287	1,592	35,879	108,391	100,140
Mississippi	-	12	2,230	12,856	15,098	2,061	17,160	11,504	2,110
New Mexico	214	911	33,697	3,255	37,863	-	38,076	3,382	24
Texas	-	3,083	102,836	29,409	135,328	1,718	137,046	138,296	9,882
PAD District 4 Total	3,676	7,501	186,181	13,729	207,411	-	211,087	19,305	303
Colorado	788	2,749	26,921	1,720	31,391	-	32,179	-	121
Idaho	533	2,405	11,682	8,155	22,241	-	22,775	8,636	7
Montana	981	1,569	27,808	45	29,421	-	30,403	1,672	43
Utah	468	613	29,714	3,779	34,106	-	34,574	8,479	105
Wyoming	905	164	90,057	30	90,252	-	91,157	517	26
PAD District 5 Total	14,281	960	180,978	117,929	299,866	1,048	315,195	12,129	2,659
Alaska	13,427	210	4,295	26,919	31,424	-	44,850	-	2
Arizona	38	8	79,936	414	80,358	-	80,397	813	137
California	-	106	35,827	14,318	50,251	-	50,251	435	1,275
Hawaii	-	328	2,078	1,569	3,974	-	3,974	-	4
Nevada	128	3	40,181	55,577	95,761	1,048	96,937	-	15
Oregon	672	5	7,793	9,491	17,288	-	17,961	10,403	685
Washington	16	301	10,868	9,641	20,810	-	20,826	478	541

Dashed (-) = No data reported.

Notes: • 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 2005. • Kerosene data are also based on data from Energy Information Administration's "Petroleum Supply Annual," Volume 1, 2005, (DOE/EIA-0340(05)/1).

Table 10. Sales for Farm Use: Distillate Fuel Oil and Kerosene; Sales for Electric Power and Oil Company Uses: Distillate Fuel Oil and Residual Fuel Oil, 2005
(Thousand Gallons)

Destination	Farm				Electric Power		Oil Company Use	
	Diesel	Other Distillate	Total Distillate	Kerosene	Distillate Fuel Oil	Residual Fuel Oil	Distillate Fuel Oil	Residual Fuel Oil
U.S. Total	3,165,017	50,801	3,215,819	19,875	906,976	5,763,623	472,922	74,048
PAD District 1 Total	374,136	29,483	403,619	6,376	450,151	5,141,805	30,018	29,376
Subdistrict 1A Total	20,072	9,752	29,824	2,853	20,025	837,753	9	250
Connecticut	2,919	899	3,818	7	5,042	219,332	-	250
Maine	4,674	5,117	9,791	1,812	950	79,809	7	-
Massachusetts	3,300	287	3,587	7	10,804	445,584	-	-
New Hampshire	2,924	2,043	4,967	528	1,268	93,001	-	-
Rhode Island	179	109	288	1	1,239	27	2	-
Vermont	6,076	1,297	7,373	497	721	-	-	-
Subdistrict 1B Total	96,234	13,193	109,427	2,335	247,077	2,069,711	19,567	28,670
Delaware	7,669	10	7,680	42	4,582	37,305	7,945	-
District of Columbia	-	-	-	-	23,186	-	-	-
Maryland	19,649	55	19,704	576	50,929	208,677	-	749
New Jersey	3,527	733	4,260	4	25,987	121,498	6,741	1,977
New York	36,884	5,072	41,956	1,133	34,835	1,427,183	101	698
Pennsylvania	28,504	7,322	35,826	579	107,559	275,048	4,779	25,245
Subdistrict 1C Total	257,831	6,538	264,368	1,188	183,048	2,234,341	10,441	456
Florida	87,203	-	87,203	8	72,908	1,952,313	-	-
Georgia	70,280	-	70,280	58	11,534	8,410	219	-
North Carolina	34,146	5,099	39,245	418	23,272	-	-	100
South Carolina	28,520	959	29,479	111	13,780	3,951	-	130
Virginia	36,023	467	36,490	482	37,664	269,666	1,123	225
West Virginia	1,658	13	1,671	111	23,890	-	9,099	-
PAD District 2 Total	1,527,236	17,237	1,544,472	11,308	175,651	85,064	86,021	6,974
Illinois	160,072	2,371	162,443	656	16,654	-	56	-
Indiana	123,113	1,191	124,304	764	15,584	-	718	2,187
Iowa	151,401	269	151,671	588	14,519	-	-	-
Kansas	159,861	84	159,946	3,960	4,090	49,404	21,773	-
Kentucky	26,706	-	26,706	552	8,391	-	2,917	-
Michigan	44,016	793	44,810	279	19,767	28,133	1,140	-
Minnesota	113,635	1,913	115,548	412	7,575	7,527	-	1,441
Missouri	121,319	-	121,319	266	3,663	-	1	-
Nebraska	192,759	966	193,725	126	1,375	-	38	-
North Dakota	106,005	808	106,813	53	2,570	-	12,294	540
Ohio	99,271	3,637	102,907	2,818	46,623	-	5,119	76
Oklahoma	47,390	-	47,390	129	3,394	-	41,180	2,730
South Dakota	56,131	2,581	58,711	33	1,691	-	525	-
Tennessee	32,437	-	32,437	95	18,980	-	261	-
Wisconsin	93,120	2,623	95,743	578	10,772	-	-	-
PAD District 3 Total	672,273	145	672,418	327	62,989	214,726	263,269	45
Alabama	31,863	22	31,885	30	15,279	5,849	3,893	-
Arkansas	224,477	121	224,598	56	6,193	5,770	1,414	-
Louisiana	61,292	-	61,292	11	8,488	98,322	29,676	37
Mississippi	48,289	2	48,291	44	6,216	103,557	2,656	8
New Mexico	14,078	-	14,078	23	2,651	-	20,886	-
Texas	292,274	-	292,274	163	24,161	1,228	204,743	-
PAD District 4 Total	190,015	1,139	191,154	157	8,161	-	63,969	7,105
Colorado	39,326	-	39,326	111	875	-	26,918	-
Idaho	66,294	140	66,434	21	9	-	-	-
Montana	66,403	999	67,402	2	1,316	-	23,751	2,485
Utah	9,422	-	9,422	14	1,119	-	817	-
Wyoming	8,570	1	8,571	10	4,842	-	12,483	4,620
PAD District 5 Total	401,358	2,797	404,155	1,707	210,025	322,027	29,645	30,549
Alaska	38	-	38	-	57,455	-	17,515	-
Arizona	17,615	-	17,615	3	4,880	-	3	-
California	315,444	1,890	317,334	470	6,014	-	9,960	-
Hawaii	5,188	-	5,188	-	133,828	322,027	764	30,549
Nevada	2,492	48	2,540	2	1,762	-	1,081	-
Oregon	26,106	826	26,932	688	4,767	-	-	-
Washington	34,475	33	34,508	545	1,318	-	322	-

Dashed (-) = No data reported.

Notes: • 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 2005. • Kerosene data are also based on data from Energy Information Administration's "Petroleum Supply Annual," Volume 1, 2005, (DOE/EIA-0340(05)/1).

Table 11. Sales for Transportation Use: Distillate Fuel Oil and Residual Fuel Oil, 2005
(Thousand Gallons)

Destination	Railroad Use	Vessel Bunkering		On-Highway Diesel	Total Transportation Use	
	Distillate Fuel Oil	Distillate Fuel Oil	Residual Fuel Oil	Distillate Fuel Oil	Distillate Fuel Oil	Residual Fuel Oil
U.S. Total	3,447,630	2,005,564	5,178,560	38,053,129	43,506,323	5,178,560
PAD District 1 Total	678,087	478,783	2,051,033	11,787,222	12,944,092	2,051,033
Subdistrict 1A Total	74,107	46,586	58,373	1,124,417	1,245,111	58,373
Connecticut	4,274	6,927	237	304,875	316,075	237
Maine	53	9,509	37,163	175,342	184,904	37,163
Massachusetts	69,275	22,137	20,974	422,272	513,684	20,974
New Hampshire	149	3,464	-	101,662	105,275	-
Rhode Island	-	4,235	-	^E 57,828	62,063	-
Vermont	356	314	-	62,438	63,108	-
Subdistrict 1B Total	226,753	152,325	1,152,556	4,177,593	4,556,671	1,152,556
Delaware	275	764	42,616	68,514	69,553	42,616
District of Columbia	4,789	6	-	15,444	20,239	-
Maryland	18,291	20,131	37,075	561,259	599,681	37,075
New Jersey	18,557	97,683	672,313	936,708	1,052,948	672,313
New York	80,869	8,759	222,241	1,104,919	1,194,548	222,241
Pennsylvania	103,972	24,982	178,311	1,490,749	1,619,704	178,311
Subdistrict 1C Total	377,227	279,872	840,104	6,485,212	7,142,311	840,104
Florida	73,273	138,813	525,037	1,716,103	1,928,188	525,037
Georgia	123,026	19,408	174,052	1,648,729	1,791,163	174,052
North Carolina	88,655	11,438	15,718	1,058,588	1,158,681	15,718
South Carolina	10,140	23,857	61,076	678,052	712,049	61,076
Virginia	66,910	19,848	64,222	1,080,515	1,167,273	64,222
West Virginia	15,224	66,507	-	303,225	384,956	-
PAD District 2 Total	1,240,086	383,996	32,113	12,155,251	13,779,333	32,113
Illinois	52,155	103,673	902	1,460,631	1,616,459	902
Indiana	105,916	13,338	7,502	1,319,432	1,438,686	7,502
Iowa	45,513	5,902	-	582,829	634,244	-
Kansas	116,031	-	-	421,817	537,848	-
Kentucky	102,401	98,447	108	866,340	1,067,187	108
Michigan	19,894	9,282	7,696	945,796	974,972	7,696
Minnesota	70,019	4,246	9,142	660,440	734,705	9,142
Missouri	41,799	39,243	532	1,045,713	1,126,755	532
Nebraska	45,671	-	-	404,792	450,463	-
North Dakota	58,741	-	-	166,668	225,409	-
Ohio	189,158	1,182	-	1,601,756	1,792,095	-
Oklahoma	280,380	24	-	739,025	1,019,430	-
South Dakota	4,585	-	-	186,173	190,758	-
Tennessee	76,857	107,846	2,286	1,052,460	1,237,163	2,286
Wisconsin	30,966	814	3,946	701,379	733,159	3,946
PAD District 3 Total	759,524	720,345	1,348,111	6,802,473	8,282,342	1,348,111
Alabama	55,531	96,093	38,852	781,017	932,641	38,852
Arkansas	48,757	20,101	42	633,320	702,178	42
Louisiana	32,506	383,249	408,841	683,620	1,099,375	408,841
Mississippi	14,205	71,530	23,449	612,959	698,694	23,449
New Mexico	11,910	-	-	480,401	492,311	-
Texas	596,616	149,371	876,928	3,611,156	4,357,143	876,928
PAD District 4 Total	242,357	4	-	1,778,660	2,021,020	-
Colorado	18,247	-	-	536,245	554,492	-
Idaho	25,393	3	-	249,569	274,966	-
Montana	74,265	-	-	244,486	318,751	-
Utah	29,878	-	-	390,679	420,557	-
Wyoming	94,575	-	-	357,681	452,256	-
PAD District 5 Total	527,576	422,437	1,747,303	5,529,523	6,479,536	1,747,303
Alaska	6,916	121,248	460	172,595	300,759	460
Arizona	13,072	-	-	844,659	857,731	-
California	311,863	123,431	1,325,941	2,967,826	3,403,120	1,325,941
Hawaii	-	114,465	43,839	44,656	159,121	43,839
Nevada	5,158	13	-	352,115	357,285	-
Oregon	72,070	11,842	73,151	534,067	617,978	73,151
Washington	118,498	51,438	303,912	613,605	783,542	303,912

^E Estimated data. Since 2005 data were not available, estimate is based on 2004 data.

Dashed (-) = No data reported.

Notes: • 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 2005. • On-Highway Diesel data are Federal Highway Administration statistics of highway special fuels use.

Table 12. Sales for Military, Off-Highway, and All Other Uses: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 2005
(Thousand Gallons)

Destination	Military				Off-Highway Distillate Fuel Oil			All Other	
	Diesel	Other Distillate	Total Distillate	Residual Fuel Oil	Construction	Other	Total	Residual Fuel Oil	Kerosene
U.S. Total	202,314	66,239	268,553	29,638	2,265,731	689,857	2,955,589	5,373	2,124
PAD District 1 Total	56,603	31,968	88,571	26,759	758,412	183,082	941,494	496	1,046
Subdistrict 1A Total	6,475	5,845	12,320	4,899	104,419	16,499	120,918	310	348
Connecticut	245	1,064	1,309	628	20,236	270	20,506	310	159
Maine	5,138	1,998	7,137	-	9,790	6,167	15,957	-	23
Massachusetts	524	139	663	4,271	53,529	5,611	59,141	-	-
New Hampshire	455	638	1,093	-	14,191	2,606	16,798	-	115
Rhode Island	3	2,002	2,006	-	3,527	-	3,527	-	9
Vermont	109	3	112	-	3,146	1,845	4,991	-	41
Subdistrict 1B Total	9,442	15,970	25,412	9,846	196,006	18,970	214,976	187	352
Delaware	32	149	181	-	5,229	75	5,304	-	-
District of Columbia	1,914	536	2,450	-	1,620	-	1,620	-	-
Maryland	3,994	5,298	9,292	8,280	42,537	2,012	44,548	-	22
New Jersey	700	1,039	1,739	-	36,028	6,740	42,768	-	30
New York	793	2,674	3,467	-	34,282	710	34,993	187	147
Pennsylvania	2,009	6,274	8,282	1,566	76,310	9,434	85,743	-	153
Subdistrict 1C Total	40,686	10,153	50,839	12,014	457,986	147,613	605,599	-	346
Florida	3,626	45	3,671	-	161,498	32,261	193,760	-	1
Georgia	2,116	906	3,022	-	77,564	48,638	126,202	-	22
North Carolina	2,205	2,658	4,863	758	45,694	11,418	57,112	-	17
South Carolina	13,190	100	13,290	-	48,964	17,246	66,210	-	2
Virginia	19,426	6,324	25,749	11,256	108,983	30,953	139,936	-	174
West Virginia	123	120	243	-	15,282	7,097	22,379	-	131
PAD District 2 Total	7,482	1,587	9,069	-	656,973	129,422	786,395	4,250	985
Illinois	615	14	629	-	109,236	6,388	115,624	-	214
Indiana	69	4	73	-	48,297	12,453	60,750	-	50
Iowa	46	-	46	-	15,570	12,256	27,827	-	7
Kansas	497	-	497	-	12,468	1,679	14,148	-	2
Kentucky	468	232	700	-	38,612	6,411	45,023	-	145
Michigan	564	506	1,070	-	57,741	13,918	71,660	595	10
Minnesota	92	3	95	-	63,605	8,564	72,169	-	101
Missouri	2,191	333	2,525	-	53,706	14,471	68,177	-	-
Nebraska	234	-	234	-	13,138	3,810	16,948	10	149
North Dakota	384	-	384	-	9,317	1,609	10,925	1,843	-
Ohio	299	1	300	-	68,345	6,135	74,480	41	211
Oklahoma	282	-	282	-	36,538	6,722	43,259	-	2
South Dakota	696	-	696	-	11,868	2,077	13,945	-	-
Tennessee	206	37	243	-	60,305	21,078	81,383	1,760	93
Wisconsin	839	457	1,295	-	58,227	11,850	70,077	-	-
PAD District 3 Total	102,697	613	103,309	2,375	345,108	208,185	553,293	561	7
Alabama	5,748	377	6,125	1,114	48,017	57,847	105,863	-	1
Arkansas	235	127	363	-	13,110	26,005	39,115	561	-
Louisiana	53,760	30	53,790	-	71,691	56,649	128,339	-	4
Mississippi	609	78	688	-	36,080	29,609	65,689	-	-
New Mexico	905	-	905	-	5,380	2,281	7,661	-	1
Texas	41,439	-	41,439	1,261	170,830	35,795	206,625	-	-
PAD District 4 Total	1,370	40	1,410	-	123,532	104,175	227,706	62	35
Colorado	595	23	618	-	53,365	1,748	55,113	-	1
Idaho	693	-	693	-	16,026	19,502	35,528	11	1
Montana	61	18	79	-	13,577	12,541	26,117	-	2
Utah	20	-	20	-	26,703	64,978	91,681	6	31
Wyoming	-	-	-	-	13,860	5,407	19,267	44	-
PAD District 5 Total	34,163	32,031	66,194	504	381,707	64,993	446,701	4	52
Alaska	14,233	169	14,401	-	14,050	3,800	17,850	-	-
Arizona	781	15	796	-	102,407	6,095	108,502	-	-
California	9,284	-	9,284	504	165,194	12,515	177,709	-	15
Hawaii	1,480	-	1,480	-	11,552	-	11,552	-	-
Nevada	1,351	-	1,351	-	30,229	2,307	32,536	4	-
Oregon	2,197	-	2,197	-	14,590	17,912	32,502	-	9
Washington	4,837	31,847	36,685	-	43,687	22,364	66,051	-	28

Dashed (-) = No data reported.

Notes: • 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 2005. • Kerosene data are also based on data from Energy Information Administration's "Petroleum Supply Annual," Volume 1, 2005, (DOE/EIA-0340(05)/1).

Adjusted Sales of Fuel Oil and Kerosene in 2005

Tables 13 through 24 contain estimates of distillate fuel oil that have been adjusted at the PAD district level to equal published EIA volume estimates of petroleum products supplied in the U.S. marketplace. The kerosene and residual fuel oil sales estimates have been adjusted at the national level. The products supplied estimates can be found in the 2001 through 2005 issues of the *Petroleum Supply Annual, Volume 1 (PSA)*. In addition, electric power generation data and on-highway diesel data are used in lieu of adjusted survey results. See "Technical Note 3" in Appendix A for further explanation of data adjustments.

Total domestic adjusted sales of fuel oil and kerosene increased 2.1 percent from 76.7 billion gallons in 2004 to 78.3 billion gallons in 2005. Adjusted sales of distillate and residual fuel oils and kerosene all increased by 1.2, 6.1 and 8.2 percent, respectively in 2005.

NOTE: The 2004 adjusted numbers have been revised since they were first published in the *Fuel Oil and Kerosene Sales 2004*. The revisions to the data were made to include new distillate and residual volumes for "Electric Power". When we originally published the *Fuel Oil and Kerosene Sales 2004*, the "Electric Power" information was still being collected and verified.

Table 13. Adjusted Sales of Distillate Fuel Oil by Energy Use in the United States: 2001-2005
(Thousand Gallons)

Energy Use	Distillate Fuel Oil				
	2001	2002	2003	2004	2005
U.S. Total	58,971,486	57,884,652	60,201,666	62,383,608	63,129,150
Residential	6,275,678	5,885,280	6,095,568	^R 5,975,966	5,548,827
Commercial	3,512,488	3,043,558	3,184,539	^R 3,186,596	3,040,282
Industrial	2,329,029	2,223,793	2,032,835	^R 2,411,204	2,500,962
Oil Company	822,797	821,883	466,425	^R 553,427	503,727
Farm	3,434,936	3,158,072	2,696,987	^R 3,498,871	3,532,332
Electric Power	1,455,075	789,751	1,233,615	^R 807,251	866,392
Railroad	2,958,815	3,061,280	3,086,390	^R 3,302,209	3,671,327
Vessel Bunkering	2,099,011	2,056,465	1,863,150	^R 2,313,448	2,110,191
On-Highway Diesel	33,215,320	34,308,885	37,103,563	37,125,239	38,053,129
Military	347,220	327,145	273,754	^R 356,931	271,526
Off-Highway Diesel	2,521,118	2,208,540	2,164,839	^R 2,852,466	3,030,456

R = Revised.

Notes: • See Technical Note 3 for further explanations on 2004 revised data and adjustments. • Distillate fuel oil data in the Adjusted Sales tables (13-24) are adjusted at the PAD District level. • Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration's Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2001-2005 and "Petroleum Supply Annual," Volume 1, 2001-2005, (DOE/EIA-0340(01)/1 - (05)/1). • See Technical Note 3 for further explanation of Electric Power. • On-Highway Diesel data are Federal Highway Administration statistics of highway special fuels use.

Table 14. Adjusted Sales of Residual Fuel Oil by Energy Use in the United States: 2001-2005
(Thousand Gallons)

Energy Use	Residual Fuel Oil				
	2001	2002	2003	2004	2005
U.S. Total	13,508,460	10,724,994	11,836,776	13,292,286	14,103,222
Commercial	520,335	564,516	741,823	^R 814,706	767,312
Industrial	1,403,638	1,234,188	1,387,615	^R 1,604,346	1,779,445
Oil Company	106,176	107,244	82,527	^R 48,779	78,874
Electric Power	7,112,731	4,027,869	5,811,820	^R 5,904,875	5,924,216
Vessel Bunkering	4,345,284	4,783,956	3,801,425	^R 4,886,978	5,516,083
Military	16,160	3,831	10,057	^R 31,555	31,569
All Other	4,136	3,389	1,509	^R 1,046	5,723

R = Revised.

Notes: • See "Technical Note 3" for further explanations on 2004 and 2005 revised data and adjustments. • Residual fuel oil data in the Adjusted Sales tables (13-24) are adjusted at the national level. • Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration's Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2001-2005 and "Petroleum Supply Annual," Volume 1, 2001-2005, (DOE/EIA-0340(01)/1 - (05)/1). • See Technical Note 3 for further explanation of Electric Power.

Table 15. Adjusted Sales of Kerosene by Energy Use in the United States: 2001-2005
(Thousand Gallons)

Energy Use	Kerosene				
	2001	2002	2003	2004	2005
U.S. Total	1,108,926	664,314	837,480	988,680	1,070,160
Residential	704,305	443,919	520,799	627,842	620,767
Commercial	232,608	118,125	138,049	151,811	159,943
Industrial	141,317	77,508	164,386	192,588	267,450
Farm	27,162	19,390	11,674	14,757	19,875
All Other	3,535	5,372	2,572	1,683	2,124

Notes: • See Technical Note 3 for further explanation on adjustments. • Kerosene data in the Adjusted Sales tables (13-24) are adjusted at the national level. • Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration's Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2001-2005 and "Petroleum Supply Annual," Volume 1, 2001-2005, (DOE/EIA-0340(01)/1 - (05)/1).

Table 16. Adjusted Sales of Distillate Fuel Oil by Energy Use, 2004 and 2005

(Thousand Gallons)

Destination	Residential		Commercial		Industrial	
	R2004	2005	R2004	2005	R2004	2005
U.S. Total	5,975,966	5,548,827	3,186,596	3,040,282	2,411,204	2,500,962
PAD District 1 Total	5,101,920	4,744,482	2,094,220	1,959,467	715,129	760,702
Subdistrict 1A Total	2,126,180	1,917,457	550,778	499,282	81,026	67,097
Connecticut	622,204	544,222	129,647	109,762	19,975	12,773
Maine	361,194	307,510	127,146	105,160	21,646	16,244
Massachusetts	706,874	672,239	157,617	171,906	14,686	14,611
New Hampshire	195,055	174,942	67,090	56,110	9,748	9,658
Rhode Island	142,291	136,196	31,402	25,038	6,634	4,127
Vermont	98,561	82,349	37,877	31,306	8,338	9,684
Subdistrict 1B Total	2,633,779	2,521,286	1,157,702	1,099,488	204,957	200,208
Delaware	35,278	33,119	10,984	8,684	3,018	2,700
District of Columbia	14,144	12,792	16,724	14,729	317	3
Maryland	149,789	149,455	77,068	65,113	23,680	19,379
New Jersey	362,243	321,092	97,967	127,631	35,268	24,680
New York	1,252,500	1,278,932	727,721	659,883	54,453	55,995
Pennsylvania	819,826	725,895	227,238	223,448	88,220	97,451
Subdistrict 1C Total	341,960	305,739	385,741	360,697	429,147	493,397
Florida	4,653	3,597	145,480	129,216	72,766	81,893
Georgia	1,472	1,516	39,384	30,778	63,797	78,798
North Carolina	104,845	81,275	61,413	60,899	54,148	72,097
South Carolina	10,515	8,783	20,202	22,672	23,212	28,857
Virginia	204,768	196,645	110,657	108,725	110,369	104,887
West Virginia	15,707	13,922	8,604	8,408	104,855	126,867
PAD District 2 Total	671,529	614,636	588,528	521,874	722,170	814,028
Illinois	14,583	10,715	40,162	42,128	59,574	78,642
Indiana	48,771	45,439	81,122	64,443	110,275	128,399
Iowa	15,435	11,445	22,367	15,990	12,872	13,798
Kansas	615	184	27,643	12,364	13,085	13,636
Kentucky	21,111	18,704	38,568	39,083	110,889	143,162
Michigan	97,885	98,381	50,989	64,064	31,644	34,015
Minnesota	112,805	98,941	38,581	50,661	69,639	64,167
Missouri	9,236	8,157	40,821	26,302	45,536	39,355
Nebraska	4,620	4,471	8,719	10,396	8,583	10,211
North Dakota	27,907	23,271	8,634	7,137	15,708	32,788
Ohio	160,656	144,658	92,691	64,237	100,835	84,408
Oklahoma	44	49	14,078	12,727	12,585	15,551
South Dakota	11,818	11,579	9,297	10,303	5,924	3,041
Tennessee	5,996	5,144	51,391	39,430	51,218	67,134
Wisconsin	140,047	133,498	63,469	62,610	73,804	85,721
PAD District 3 Total	9,216	1,703	224,982	247,048	466,636	420,791
Alabama	690	647	57,538	34,556	153,421	143,597
Arkansas	288	68	26,846	32,956	19,546	26,438
Louisiana	212	226	15,253	16,339	37,316	39,432
Mississippi	265	379	10,777	8,889	26,367	18,859
New Mexico	202	163	20,998	28,983	38,076	41,847
Texas	7,559	220	93,570	125,325	191,910	150,618
PAD District 4 Total	35,193	19,660	76,980	55,149	245,003	177,478
Colorado	784	308	15,450	22,058	32,346	27,055
Idaho	19,807	11,366	19,160	11,854	22,816	19,148
Montana	8,923	5,971	14,078	5,751	41,798	25,562
Utah	4,047	918	23,417	12,116	36,756	29,069
Wyoming	1,633	1,096	4,876	3,369	111,286	76,643
PAD District 5 Total	158,108	168,346	201,885	256,743	262,265	327,963
Alaska	64,743	70,704	44,447	43,910	40,702	46,667
Arizona	191	139	13,286	20,645	55,162	83,653
California	5,470	6,801	63,844	85,952	50,925	52,286
Hawaii	12	11	14,645	16,791	2,535	4,135
Nevada	6,546	8,910	14,285	21,560	76,410	100,863
Oregon	29,169	27,191	22,739	22,535	20,355	18,688
Washington	51,978	54,590	28,639	45,350	16,176	21,670

See footnotes at end of table.

Table 16. Adjusted Sales of Distillate Fuel Oil by Energy Use, 2004 and 2005 (Continued)

(Thousand Gallons)

Destination	Oil Company		Farm		Electric Power	
	R2004	2005	R2004	2005	R2004	2005
U.S. Total	553,427	503,727	3,498,871	3,532,332	807,251	866,392
PAD District 1 Total	17,172	26,095	358,330	350,874	411,788	430,008
Subdistrict 1A Total	110	8	32,404	25,926	22,548	19,129
Connecticut	33	—	5,736	3,319	6,182	4,817
Maine	—	6	10,651	8,512	541	908
Massachusetts	39	—	4,741	3,118	13,145	10,321
New Hampshire	15	—	4,754	4,318	940	1,211
Rhode Island	10	2	157	250	1,545	1,184
Vermont	13	—	6,366	6,410	195	688
Subdistrict 1B Total	8,432	17,010	104,343	95,127	168,691	236,022
Delaware	4,666	6,907	5,721	6,676	4,083	4,377
District of Columbia	—	—	—	—	4,792	22,148
Maryland	2	—	16,150	17,129	29,926	48,650
New Jersey	433	5,860	3,619	3,703	29,366	24,824
New York	10	88	41,354	36,473	36,996	33,276
Pennsylvania	3,321	4,155	37,499	31,145	63,528	102,746
Subdistrict 1C Total	8,630	9,077	221,582	229,821	220,549	174,857
Florida	14	—	75,479	75,808	95,740	69,645
Georgia	1,266	191	60,979	61,096	15,838	11,018
North Carolina	—	—	35,148	34,117	22,237	22,231
South Carolina	—	—	18,078	25,627	12,997	13,164
Virginia	1,489	976	30,468	31,722	37,983	35,978
West Virginia	5,861	7,910	1,430	1,452	35,754	22,821
PAD District 2 Total	91,677	103,662	1,809,584	1,861,205	160,060	167,791
Illinois	93	68	180,563	195,756	11,825	15,909
Indiana	23	866	136,276	149,795	10,407	14,887
Iowa	—	—	179,884	182,775	9,259	13,870
Kansas	12,990	26,238	208,176	192,747	5,755	3,907
Kentucky	2,009	3,515	34,359	32,182	7,547	8,015
Michigan	1,361	1,373	54,719	53,999	19,689	18,883
Minnesota	—	—	128,354	139,244	8,556	7,236
Missouri	73	1	131,450	146,198	5,923	3,499
Nebraska	2	46	239,206	233,453	1,518	1,314
North Dakota	9,908	14,816	121,962	128,717	2,762	2,455
Ohio	4,274	6,168	116,523	124,011	48,162	44,537
Oklahoma	60,250	49,625	57,024	57,108	2,264	3,242
South Dakota	422	632	66,221	70,752	1,345	1,616
Tennessee	272	314	38,731	39,089	12,843	18,131
Wisconsin	—	—	116,135	115,378	12,204	10,290
PAD District 3 Total	337,865	289,340	740,946	739,007	27,199	60,170
Alabama	7,496	4,278	38,122	35,043	9,670	14,596
Arkansas	2,657	1,555	235,906	246,839	5,652	5,916
Louisiana	45,466	32,615	56,089	67,362	2,412	8,108
Mississippi	1,741	2,919	65,551	53,073	3,672	5,938
New Mexico	38,026	22,954	34,746	15,472	2,443	2,533
Texas	242,479	225,019	310,533	321,218	3,350	23,080
PAD District 4 Total	70,107	53,784	194,504	160,719	6,765	7,796
Colorado	15,348	22,632	45,225	33,064	1,332	836
Idaho	—	—	63,091	55,857	21	8
Montana	19,106	19,970	63,959	56,670	—	1,257
Utah	13,734	687	10,738	7,922	1,305	1,069
Wyoming	21,919	10,495	11,492	7,206	4,107	4,626
PAD District 5 Total	36,605	30,846	395,507	420,527	201,439	200,627
Alaska	23,271	18,224	55	40	57,512	54,884
Arizona	284	4	15,169	18,329	4,921	4,661
California	11,588	10,364	309,300	330,188	6,234	5,745
Hawaii	5	794	5,417	5,398	125,760	127,840
Nevada	955	1,125	4,458	2,643	896	1,683
Oregon	—	—	28,523	28,023	4,961	4,554
Washington	503	335	32,585	35,906	1,154	1,259

See footnotes at end of table.

Table 16. Adjusted Sales of Distillate Fuel Oil by Energy Use, 2004 and 2005 (Continued)

(Thousand Gallons)

Destination	Railroad		Vessel Bunkering		On-Highway	
	R2004	2005	R2004	2005	2004	2005
U.S. Total	3,302,209	3,671,327	2,313,448	2,110,191	37,125,239	38,053,129
PAD District 1 Total	485,674	589,474	427,437	416,216	11,731,295	11,787,222
Subdistrict 1A Total	46,951	64,423	40,460	40,498	1,114,427	1,124,417
Connecticut	3,189	3,715	6,374	6,022	284,212	304,875
Maine	65	46	12,242	8,266	174,373	175,342
Massachusetts	43,475	60,222	14,041	19,244	424,503	422,272
New Hampshire	161	130	3,332	3,012	111,503	101,662
Rhode Island	—	—	3,924	3,682	57,962	57,828
Vermont	60	310	547	273	61,874	62,438
Subdistrict 1B Total	145,083	197,121	117,506	132,419	4,385,713	4,177,593
Delaware	729	239	594	664	65,202	68,514
District of Columbia	9,871	4,163	34	5	24,276	15,444
Maryland	2,332	15,900	12,561	17,500	538,061	561,259
New Jersey	17,033	16,132	72,682	84,918	896,454	936,708
New York	66,367	70,301	11,600	7,614	1,410,982	1,104,919
Pennsylvania	48,750	90,385	20,035	21,718	1,450,738	1,490,749
Subdistrict 1C Total	293,640	327,931	269,471	243,298	6,231,155	6,485,212
Florida	63,506	63,697	129,609	120,673	1,567,480	1,716,103
Georgia	105,963	106,949	22,129	16,872	1,449,793	1,648,729
North Carolina	53,084	77,069	7,315	9,944	1,095,092	1,058,588
South Carolina	11,910	8,815	29,796	20,740	709,044	678,052
Virginia	47,138	58,166	19,372	17,254	1,115,628	1,080,515
West Virginia	12,039	13,234	61,250	57,816	294,118	303,225
PAD District 2 Total	1,170,436	1,494,398	484,821	462,744	11,799,020	12,155,251
Illinois	67,903	62,851	122,666	124,933	1,397,874	1,460,631
Indiana	98,211	127,637	8,347	16,074	1,242,988	1,319,432
Iowa	50,949	54,847	7,614	7,112	571,883	582,829
Kansas	56,660	139,826	—	—	413,594	421,817
Kentucky	98,437	123,400	102,354	118,636	856,232	866,340
Michigan	23,600	23,974	10,068	11,185	974,893	945,796
Minnesota	68,011	84,378	6,147	5,117	660,745	660,440
Missouri	54,271	50,371	75,378	47,291	1,013,808	1,045,713
Nebraska	46,731	55,037	—	—	402,763	404,792
North Dakota	62,326	70,787	—	—	156,154	166,668
Ohio	255,809	227,950	3,555	1,424	1,580,121	1,601,756
Oklahoma	169,630	337,879	7	29	636,979	739,025
South Dakota	5,547	5,525	—	—	175,679	186,173
Tennessee	75,115	92,619	146,453	129,962	990,608	1,052,460
Wisconsin	37,235	37,317	2,232	980	724,699	701,379
PAD District 3 Total	941,954	834,739	1,055,650	791,680	6,574,471	6,802,473
Alabama	70,717	61,030	144,695	105,609	786,306	781,017
Arkansas	97,256	53,585	50,436	22,092	600,997	633,320
Louisiana	46,325	35,725	521,092	421,202	658,561	683,620
Mississippi	37,279	15,611	87,533	78,614	598,448	612,959
New Mexico	14,531	13,089	—	—	465,748	480,401
Texas	675,846	655,699	251,894	164,163	3,464,411	3,611,156
PAD District 4 Total	267,301	203,769	5	3	1,669,421	1,778,660
Colorado	42,374	15,341	—	—	505,771	536,245
Idaho	24,059	21,350	5	3	238,093	249,569
Montana	44,392	62,440	—	—	222,384	244,486
Utah	38,690	25,120	—	—	365,585	390,679
Wyoming	117,786	79,517	—	—	337,588	357,681
PAD District 5 Total	436,844	548,947	345,536	439,549	5,351,032	5,529,523
Alaska	6,357	7,196	121,962	126,160	208,558	172,595
Arizona	14,983	13,601	—	—	776,419	844,659
California	284,154	324,496	42,251	128,431	2,844,083	2,967,826
Hawaii	—	—	106,064	119,101	42,788	44,656
Nevada	5,700	5,366	8	13	330,258	352,115
Oregon	53,898	74,989	10,633	12,321	521,796	534,067
Washington	71,754	123,298	64,619	53,522	627,130	613,605

See footnotes at end of table.

Table 16. Adjusted Sales of Distillate Fuel Oil by Energy Use, 2004 and 2005 (Continued)

(Thousand Gallons)

Destination	Military		Off-Highway		Total	
	R2004	2005	R2004	2005	R2004	2005
U.S. Total	356,931	271,526	2,852,466	3,030,456	62,383,608	63,129,150
PAD District 1 Total	70,666	76,996	802,857	818,459	22,216,488	21,959,994
Subdistrict 1A Total	5,922	10,710	110,734	105,117	4,131,541	3,874,064
Connecticut	1,255	1,138	14,154	17,826	1,092,962	1,008,468
Maine	2,459	6,204	21,970	13,872	732,287	642,070
Massachusetts	584	577	51,709	51,412	1,431,413	1,425,923
New Hampshire	1,461	950	13,820	14,603	407,878	366,594
Rhode Island	10	1,744	2,360	3,066	246,294	233,116
Vermont	154	97	6,722	4,338	220,707	197,893
Subdistrict 1B Total	23,055	22,091	217,243	186,883	9,166,502	8,885,246
Delaware	110	157	3,712	4,611	134,096	136,648
District of Columbia	3,221	2,130	1,406	1,409	74,785	72,823
Maryland	6,614	8,078	35,373	38,726	891,557	941,191
New Jersey	1,959	1,512	75,281	37,179	1,592,305	1,584,239
New York	3,726	3,014	31,435	30,420	3,637,143	3,280,916
Pennsylvania	7,425	7,200	70,036	74,538	2,836,616	2,869,430
Subdistrict 1C Total	41,690	44,195	474,880	526,459	8,918,445	9,200,684
Florida	2,865	3,191	158,855	168,439	2,316,448	2,432,262
Georgia	3,373	2,627	99,414	109,710	1,863,408	2,068,282
North Carolina	6,443	4,228	38,040	49,649	1,477,765	1,470,096
South Carolina	7,576	11,553	54,184	57,558	897,513	875,819
Virginia	21,239	22,384	104,713	121,649	1,803,824	1,778,902
West Virginia	194	212	19,675	19,455	559,487	575,323
PAD District 2 Total	14,076	10,929	921,856	947,665	18,433,758	19,154,184
Illinois	302	758	146,318	139,336	2,041,864	2,131,726
Indiana	272	88	54,829	73,208	1,791,520	1,940,266
Iowa	70	56	26,604	33,533	896,936	916,255
Kansas	355	599	24,960	17,049	763,835	828,366
Kentucky	702	843	52,052	54,257	1,324,260	1,408,138
Michigan	1,152	1,289	87,470	86,355	1,353,470	1,339,316
Minnesota	171	115	82,907	86,969	1,175,915	1,197,268
Missouri	4,171	3,042	99,986	82,158	1,480,653	1,452,088
Nebraska	116	282	17,243	20,424	729,502	740,426
North Dakota	558	462	21,922	13,166	427,841	460,267
Ohio	2,063	362	93,921	89,754	2,458,611	2,389,265
Oklahoma	2,357	340	45,040	52,131	1,000,257	1,267,707
South Dakota	131	839	11,325	16,805	287,707	307,265
Tennessee	286	293	79,535	98,072	1,452,448	1,542,649
Wisconsin	1,370	1,561	77,743	84,448	1,248,939	1,233,183
PAD District 3 Total	109,570	113,540	590,818	608,085	11,079,306	10,908,576
Alabama	12,318	6,731	156,343	116,347	1,437,315	1,303,451
Arkansas	521	399	32,701	42,989	1,072,807	1,066,157
Louisiana	42,106	59,117	136,189	141,049	1,561,020	1,504,795
Mississippi	1,095	756	123,793	72,194	956,521	870,190
New Mexico	862	995	7,907	8,420	623,540	614,857
Texas	52,668	45,543	133,885	227,087	5,428,103	5,549,126
PAD District 4 Total	1,154	1,185	183,852	191,451	2,750,286	2,649,654
Colorado	810	519	63,452	46,338	722,891	704,398
Idaho	62	583	35,553	29,871	422,668	399,610
Montana	46	66	29,932	21,959	444,619	444,133
Utah	51	17	38,929	77,084	533,252	544,682
Wyoming	185	-	15,986	16,199	626,856	556,832
PAD District 5 Total	161,464	68,875	353,083	464,796	7,903,770	8,456,742
Alaska	10,569	14,985	16,182	18,573	594,358	573,937
Arizona	523	829	49,964	112,897	930,901	1,099,418
California	53,198	9,660	173,988	184,908	3,845,036	4,106,658
Hawaii	60,466	1,540	7,660	12,020	365,351	332,286
Nevada	503	1,406	24,882	33,854	464,901	529,538
Oregon	1,853	2,286	36,227	33,819	730,153	758,473
Washington	34,350	38,171	44,181	68,726	973,068	1,056,433

^E Estimated data. Since 2005 data were not available, estimate is based on 2004 data.

Dashed (-) = No data reported. R = Revised.

Notes: • See "Technical Note 3" for further explanations on 2004 revised data. • Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration's Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2004-2005 and "Petroleum Supply Annual," Volume 1, 2004-2005, (DOE/EIA-0340(04)/1 - (05)/1). • See "Technical Note 3" in for further explanation of Electric Power. • On-Highway Diesel data are Federal Highway Administration statistics of highway special fuels use.

Table 17. Adjusted Sales of Residual Fuel Oil by Energy Use, 2004 and 2005

(Thousand Gallons)

Destination	Commercial		Industrial		Oil Company		Electric Power	
	R2004	2005	R2004	2005	R2004	2005	R2004	2005
U.S. Total	814,706	767,312	1,604,346	1,779,445	48,779	78,874	5,904,875	5,924,216
PAD District 1 Total	762,348	721,762	1,166,329	1,160,803	30,672	31,290	5,098,097	5,285,072
Subdistrict 1A Total	200,755	222,440	243,356	267,537	241	266	1,015,508	861,095
Connecticut	13,765	14,690	45,561	45,599	241	266	163,703	225,443
Maine	14,563	20,560	131,748	165,414	-	-	68,700	82,033
Massachusetts	115,888	110,894	30,124	31,953	-	-	668,780	457,999
New Hampshire	33,871	52,092	18,097	5,983	-	-	111,838	95,593
Rhode Island	16,536	18,181	11,529	12,110	-	-	2,486	28
Vermont	6,132	6,025	6,297	6,478	-	-	-	-
Subdistrict 1B Total	529,975	468,517	197,185	187,579	30,008	30,538	1,407,375	2,127,380
Delaware	7,987	7,430	32,394	29,741	-	-	35,606	38,345
Maryland	3,625	4,082	29,368	34,460	705	798	87,439	214,492
New Jersey	14,512	11,721	20,602	15,782	1,927	2,106	194,142	124,884
New York	478,406	419,220	61,181	54,733	817	743	878,589	1,466,948
Pennsylvania	25,446	26,063	53,639	52,863	26,559	26,890	211,599	282,712
Subdistrict 1C Total	31,619	30,805	725,788	705,687	423	486	2,675,214	2,296,597
Florida	4,910	14,602	128,200	118,747	-	-	2,349,189	2,006,711
Georgia	-	-	119,320	125,492	-	-	3,702	8,644
North Carolina	11,540	9,526	218,397	204,713	120	107	-	-
South Carolina	1,946	3,214	143,425	138,456	115	139	316	4,061
Virginia	13,224	3,462	102,079	99,947	189	240	322,007	277,180
West Virginia	-	-	14,368	18,332	-	-	-	-
PAD District 2 Total	46,955	40,680	253,134	274,635	1,596	7,429	108,863	87,434
Illinois	2,058	2,513	14,002	12,609	-	-	14,983	-
Indiana	4,774	4,653	22,262	20,743	-	2,330	-	-
Iowa	-	114	11,778	7,964	-	-	-	-
Kansas	-	-	27,876	13,855	-	-	48,683	50,780
Kentucky	-	37	2,442	5,677	-	-	-	-
Michigan	2,063	186	28,707	37,223	-	-	41,345	28,917
Minnesota	18,793	12,724	26,112	43,949	1,206	1,535	3,852	7,737
Missouri	683	716	5,285	3,295	-	-	-	-
Nebraska	2,046	965	7,545	4,264	-	-	-	-
North Dakota	766	1,914	1,862	6,215	-	575	-	-
Ohio	4,212	4,514	26,683	54,652	391	81	-	-
Oklahoma	40	-	25,564	6,316	-	2,908	-	-
South Dakota	532	6	3,358	2,573	-	-	-	-
Tennessee	547	-	11,986	10,692	-	-	-	-
Wisconsin	10,438	12,337	37,672	44,607	-	-	-	-
PAD District 3 Total	2,944	2,605	156,255	310,524	9	48	452,772	220,709
Alabama	-	349	18,008	31,111	-	-	-	6,012
Arkansas	15	-	18,636	792	-	-	40,027	5,930
Louisiana	2,562	2,255	57,264	115,455	-	39	177,221	101,062
Mississippi	367	-	12,952	12,253	9	9	233,986	106,443
New Mexico	-	-	4,355	3,603	-	-	-	-
Texas	-	-	45,040	147,310	-	-	1,538	1,262
PAD District 4 Total	-	121	13,368	20,563	-	7,568	270	-
Colorado	-	-	-	-	-	-	270	-
Idaho	-	-	-	9,199	-	-	-	-
Montana	-	-	1,765	1,781	-	2,647	-	-
Utah	-	121	7,136	9,032	-	-	-	-
Wyoming	-	-	4,467	551	-	4,921	-	-
PAD District 5 Total	2,460	2,144	15,260	12,920	16,503	32,540	244,873	331,000
Alaska	-	-	-	-	-	-	-	-
Arizona	-	-	1,369	866	-	-	-	-
California	-	-	583	463	-	-	-	-
Hawaii	176	117	-	-	16,503	32,540	244,873	331,000
Nevada	-	-	10	-	-	-	-	-
Oregon	2,284	2,027	12,627	11,081	-	-	-	-
Washington	-	-	670	509	-	-	-	-

See footnotes at end of table.

Table 17. Adjusted Sales of Residual Fuel Oil by Energy Use, 2004 and 2005 (Continued)

(Thousand Gallons)

Destination	Vessel Bunkering		Military		All Other		Total	
	R2004	2005	R2004	2005	R2004	2005	R2004	2005
U.S. Total	4,886,978	5,516,083	31,555	31,569	1,046	5,723	13,292,286	14,103,222
PAD District 1 Total	1,863,663	2,184,713	27,487	28,503	828	529	8,949,424	9,412,672
Subdistrict 1A Total	2,166	62,177	-	5,218	515	330	1,462,541	1,419,065
Connecticut	925	252	-	669	329	330	224,524	287,249
Maine	1,142	39,585	-	-	186	-	216,339	307,591
Massachusetts	98	22,341	-	4,550	-	-	814,891	627,736
New Hampshire	-	-	-	-	-	-	163,807	153,667
Rhode Island	-	-	-	-	-	-	30,551	30,319
Vermont	-	-	-	-	-	-	12,428	12,503
Subdistrict 1B Total	1,009,037	1,227,676	10,692	10,488	-	199	3,184,271	4,052,377
Delaware	41,311	45,393	-	-	-	-	117,298	120,910
Maryland	43,788	39,491	8,268	8,819	-	-	173,194	302,143
New Jersey	515,491	716,132	-	-	-	-	746,673	870,625
New York	243,502	236,726	-	-	-	199	1,662,496	2,178,570
Pennsylvania	164,944	189,933	2,424	1,668	-	-	484,611	580,129
Subdistrict 1C Total	852,461	894,860	16,795	12,797	313	-	4,302,612	3,941,231
Florida	532,644	559,257	574	-	-	-	3,015,517	2,699,317
Georgia	159,409	185,396	-	-	-	-	282,431	319,532
North Carolina	16,779	16,742	-	807	313	-	247,148	231,896
South Carolina	83,357	65,056	-	-	-	-	229,157	210,927
Virginia	60,273	68,408	16,221	11,990	-	-	513,992	461,228
West Virginia	-	-	-	-	-	-	14,368	18,332
PAD District 2 Total	33,185	34,206	319	-	59	4,527	444,111	448,912
Illinois	662	961	-	-	-	-	31,705	16,083
Indiana	6,731	7,991	-	-	-	-	33,767	35,716
Iowa	-	-	-	-	-	-	11,778	8,078
Kansas	-	-	319	-	-	-	76,878	64,635
Kentucky	254	115	-	-	-	-	2,696	5,830
Michigan	10,477	8,198	-	-	10	634	82,603	75,158
Minnesota	12,363	9,738	-	-	12	-	62,338	75,684
Missouri	752	566	-	-	-	-	6,720	4,578
Nebraska	-	-	-	-	-	11	9,591	5,240
North Dakota	-	-	-	-	-	1,963	2,628	10,668
Ohio	47	-	-	-	37	44	31,370	59,291
Oklahoma	-	-	-	-	-	-	25,604	9,224
South Dakota	-	-	-	-	-	-	3,890	2,580
Tennessee	1,761	2,435	-	-	-	1,875	14,294	15,001
Wisconsin	137	4,203	-	-	-	-	48,248	61,147
PAD District 3 Total	1,423,393	1,435,977	2,724	2,530	33	597	2,038,130	1,972,990
Alabama	52,156	41,385	867	1,186	-	-	71,032	80,043
Arkansas	-	44	-	-	-	597	58,678	7,363
Louisiana	454,756	435,488	-	-	-	-	691,803	654,300
Mississippi	70,292	24,977	-	-	-	-	317,605	143,682
New Mexico	-	-	-	-	33	-	4,388	3,603
Texas	846,189	934,083	1,857	1,344	-	-	894,624	1,083,999
PAD District 4 Total	-	-	-	-	-	66	13,638	28,318
Colorado	-	-	-	-	-	-	270	-
Idaho	-	-	-	-	-	12	-	9,211
Montana	-	-	-	-	-	-	1,765	4,428
Utah	-	-	-	-	-	7	7,136	9,160
Wyoming	-	-	-	-	-	47	4,467	5,519
PAD District 5 Total	1,566,737	1,861,187	1,025	537	125	4	1,846,983	2,240,331
Alaska	-	489	-	-	-	-	-	489
Arizona	-	-	-	-	-	-	1,369	866
California	1,161,285	1,412,362	-	537	-	-	1,161,868	1,413,362
Hawaii	61,414	46,696	1,025	-	-	-	323,992	410,352
Nevada	-	-	-	-	-	4	10	4
Oregon	71,590	77,919	-	-	-	-	86,500	91,027
Washington	272,448	323,720	-	-	125	-	273,243	324,230

Dashed (-) = No data reported. R = Revised.

Notes: • See Technical Note 3 for further explanations on 2004 revised data. • Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration's Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2004-2005 and "Petroleum Supply Annual," Volume 1, 2004-2005, (DOE/EIA-0340(04)/1 - (05)/1). • See Technical Note 3 for further explanation of Electric Power.

Table 18. Adjusted Sales of Kerosene by Energy Use, 2004 and 2005

(Thousand Gallons)

Destination	Residential		Commercial		Industrial	
	2004	2005	2004	2005	2004	2005
U.S. Total	627,842	620,767	151,811	159,943	192,588	267,450
PAD District 1 Total	525,481	518,781	114,457	122,199	74,448	135,439
Subdistrict 1A Total	140,330	140,110	25,195	27,857	13,548	17,654
Connecticut	14,660	13,671	7,227	11,177	10,157	11,147
Maine	73,100	71,841	10,540	9,100	704	890
Massachusetts	11,730	12,562	3,802	3,291	453	3,133
New Hampshire	21,972	23,555	1,926	2,598	425	792
Rhode Island	2,086	2,470	288	396	—	68
Vermont	16,781	16,010	1,413	1,295	1,809	1,624
Subdistrict 1B Total	203,213	208,303	65,779	71,992	46,579	103,410
Delaware	5,338	5,616	405	628	14	14,299
District of Columbia	3	—	31	113	—	—
Maryland	23,101	25,922	5,293	5,292	862	2,399
New Jersey	6,516	7,727	11,586	14,740	28,423	55,688
New York	86,750	92,522	31,280	31,886	14,408	26,843
Pennsylvania	81,506	76,516	17,184	19,333	2,871	4,181
Subdistrict 1C Total	181,939	170,369	23,482	22,350	14,322	14,374
Florida	3,973	3,437	857	2,180	1,568	95
Georgia	3,902	2,842	893	1,037	4,409	5,210
North Carolina	79,445	73,718	7,067	6,805	1,570	2,008
South Carolina	22,841	19,995	1,095	1,148	4,212	4,261
Virginia	61,068	59,879	10,171	8,520	1,960	2,153
West Virginia	10,710	10,498	3,399	2,660	603	647
PAD District 2 Total	74,942	74,068	22,919	22,750	15,317	14,898
Illinois	4,208	4,913	1,883	2,217	2,264	2,189
Indiana	10,771	11,022	1,830	1,984	1,693	1,527
Iowa	1,157	927	225	649	39	26
Kansas	441	400	345	568	47	53
Kentucky	8,690	10,535	1,342	1,137	1,490	1,480
Michigan	9,298	9,200	910	1,194	1,122	1,477
Minnesota	1,162	1,154	437	601	157	169
Missouri	3,675	3,329	1,283	1,269	424	279
Nebraska	231	285	275	176	39	38
North Dakota	204	285	83	115	34	18
Ohio	20,349	18,550	10,822	9,394	5,286	4,399
Oklahoma	704	237	277	372	308	730
South Dakota	107	125	76	129	4	3
Tennessee	12,255	11,925	1,799	1,688	1,610	1,586
Wisconsin	1,690	1,181	1,334	1,258	800	923
PAD District 3 Total	5,015	5,609	6,986	5,459	99,968	114,152
Alabama	2,804	3,154	1,071	754	1,478	1,938
Arkansas	450	571	699	850	26	59
Louisiana	405	320	3,255	1,581	84,693	100,140
Mississippi	646	726	382	322	2,280	2,110
New Mexico	226	191	139	125	29	24
Texas	484	646	1,442	1,827	11,461	9,882
PAD District 4 Total	2,327	1,871	1,140	2,261	296	303
Colorado	1,893	1,511	495	1,284	71	121
Idaho	277	230	177	174	33	7
Montana	49	36	121	311	85	43
Utah	78	53	330	471	91	105
Wyoming	30	41	18	19	16	26
PAD District 5 Total	20,076	20,437	6,308	7,274	2,559	2,659
Alaska	828	1,302	25	38	2	2
Arizona	44	174	86	68	117	137
California	11,605	12,748	3,016	2,464	1,288	1,275
Hawaii	—	—	2	1	4	4
Nevada	773	753	67	109	10	15
Oregon	3,917	3,183	1,869	2,571	731	685
Washington	2,909	2,277	1,244	2,023	408	541

See footnotes at end of table.

Table 18. Adjusted Sales of Kerosene by Energy Use, 2004 and 2005 (Continued)

(Thousand Gallons)

Destination	Farm		All Other		Total	
	2004	2005	2004	2005	2004	2005
U.S. Total	14,757	19,875	1,683	2,124	988,680	1,070,160
PAD District 1 Total	4,952	6,376	884	1,046	720,223	783,841
Subdistrict 1A Total	1,717	2,853	403	348	181,193	188,821
Connecticut	3	7	196	159	32,242	36,162
Maine	841	1,812	31	23	85,215	83,667
Massachusetts	13	7	-	-	15,998	18,993
New Hampshire	312	528	61	115	24,696	27,587
Rhode Island	-	1	-	9	2,374	2,945
Vermont	549	497	116	41	20,668	19,467
Subdistrict 1B Total	2,478	2,335	435	352	318,483	386,392
Delaware	246	42	-	-	6,004	20,585
District of Columbia	-	-	-	-	34	113
Maryland	647	576	90	22	29,992	34,212
New Jersey	5	4	232	30	46,762	78,188
New York	1,190	1,133	38	147	133,666	152,532
Pennsylvania	390	579	75	153	102,026	100,761
Subdistrict 1C Total	757	1,188	46	346	220,547	208,627
Florida	3	8	-	1	6,401	5,720
Georgia	21	58	9	22	9,234	9,168
North Carolina	96	418	2	17	88,179	82,966
South Carolina	111	111	-	2	28,259	25,518
Virginia	418	482	35	174	73,654	71,208
West Virginia	107	111	-	131	14,819	14,047
PAD District 2 Total	7,138	11,308	430	985	120,747	124,009
Illinois	627	656	53	214	9,035	10,189
Indiana	692	764	67	50	15,052	15,347
Iowa	599	588	2	7	2,024	2,197
Kansas	80	3,960	4	2	916	4,982
Kentucky	356	552	81	145	11,959	13,849
Michigan	231	279	4	10	11,565	12,159
Minnesota	426	412	4	101	2,186	2,437
Missouri	140	266	-	-	5,522	5,143
Nebraska	236	126	125	149	906	773
North Dakota	46	53	-	-	367	471
Ohio	2,719	2,818	36	211	39,212	35,372
Oklahoma	92	129	-	2	1,380	1,471
South Dakota	27	33	-	-	214	290
Tennessee	336	95	52	93	16,052	15,387
Wisconsin	532	578	-	-	4,357	3,941
PAD District 3 Total	424	327	2	7	112,394	125,554
Alabama	19	30	-	1	5,372	5,877
Arkansas	15	56	-	-	1,190	1,536
Louisiana	11	11	-	4	88,364	102,056
Mississippi	157	44	-	-	3,464	3,201
New Mexico	19	23	1	1	414	364
Texas	203	163	-	-	13,590	12,519
PAD District 4 Total	204	157	4	35	3,972	4,626
Colorado	134	111	1	1	2,593	3,028
Idaho	32	21	-	1	519	434
Montana	2	2	3	2	259	393
Utah	33	14	-	31	533	675
Wyoming	3	10	-	-	68	96
PAD District 5 Total	2,039	1,707	362	52	31,344	32,130
Alaska	-	-	-	-	855	1,342
Arizona	1	3	-	-	247	382
California	486	470	15	15	16,410	16,972
Hawaii	-	-	-	-	6	6
Nevada	2	2	1	-	853	879
Oregon	1,126	688	14	9	7,657	7,135
Washington	423	545	332	28	5,316	5,414

Dashed (-) = No data reported.

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

Sources: • Energy Information Administration's Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2004-2005 and "Petroleum Supply Annual," Volume 1, 2004-2005, (DOE/EIA-0340(04)/1 - (05)/1).

Table 19. Adjusted Sales for Residential Use: Distillate Fuel Oil and Kerosene, 2005
(Thousand Gallons)

Destination	Distillate Fuel Oil			Kerosene
	No. 1	No. 2	Total	
U.S. Total	108,703	5,440,124	5,548,827	620,767
PAD District 1 Total	2,650	4,741,832	4,744,482	518,781
Subdistrict 1A Total	1,522	1,915,935	1,917,457	140,110
Connecticut	-	544,222	544,222	13,671
Maine	330	307,180	307,510	71,841
Massachusetts	464	671,776	672,240	12,562
New Hampshire	519	174,423	174,942	23,555
Rhode Island	52	136,144	136,196	2,470
Vermont	157	82,191	82,348	16,010
Subdistrict 1B Total	457	2,520,828	2,521,285	208,303
Delaware	-	33,119	33,119	5,616
District of Columbia	-	12,792	12,792	-
Maryland	-	149,455	149,455	25,922
New Jersey	-	321,092	321,092	7,727
New York	247	1,278,685	1,278,932	92,522
Pennsylvania	210	725,685	725,895	76,516
Subdistrict 1C Total	670	305,069	305,739	170,369
Florida	41	3,556	3,597	3,437
Georgia	-	1,516	1,516	2,842
North Carolina	-	81,275	81,275	73,718
South Carolina	51	8,732	8,783	19,995
Virginia	112	196,534	196,646	59,879
West Virginia	467	13,456	13,923	10,498
PAD District 2 Total	59,829	554,807	614,636	74,068
Illinois	1,519	9,195	10,714	4,913
Indiana	5,408	40,030	45,438	11,022
Iowa	2,261	9,185	11,446	927
Kansas	86	99	185	400
Kentucky	96	18,608	18,704	10,535
Michigan	8,669	89,712	98,381	9,200
Minnesota	18,576	80,365	98,941	1,154
Missouri	1,754	6,403	8,157	3,329
Nebraska	2,168	2,303	4,471	285
North Dakota	3,525	19,746	23,271	285
Ohio	4,030	140,627	144,657	18,550
Oklahoma	10	39	49	237
South Dakota	2,039	9,541	11,580	125
Tennessee	110	5,034	5,144	11,925
Wisconsin	9,577	123,922	133,499	1,181
PAD District 3 Total	30	1,673	1,703	5,609
Alabama	6	640	646	3,154
Arkansas	10	59	69	571
Louisiana	7	219	226	320
Mississippi	-	379	379	726
New Mexico	8	156	164	191
Texas	-	220	220	646
PAD District 4 Total	4,239	15,421	19,660	1,871
Colorado	155	154	309	1,511
Idaho	2,032	9,335	11,367	230
Montana	1,870	4,101	5,971	36
Utah	90	828	918	53
Wyoming	93	1,003	1,096	41
PAD District 5 Total	41,956	126,390	168,346	20,437
Alaska	37,672	33,032	70,704	1,302
Arizona	4	135	139	174
California	287	6,515	6,802	12,748
Hawaii	-	11	11	-
Nevada	246	8,664	8,910	753
Oregon	1,422	25,769	27,191	3,183
Washington	2,325	52,265	54,590	2,277

Dashed (-) = No data reported.

Notes: • See Technical Note 3 for further explanations. • Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration's Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2005 and "Petroleum Supply Annual," Volume 1, 2005, (DOE/EIA-0340(05)/1).

Table 20. Adjusted Sales for Commercial Use: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 2005
(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	Low Sulfur Diesel	High Sulfur Diesel					No. 2 Total
U.S. Total	86,401	1,416,421	822,129	549,227	2,787,777	166,105	3,040,282	767,312	159,943
PAD District 1 Total	27,344	1,266,725	283,213	216,138	1,766,076	166,047	1,959,467	721,762	122,199
Subdistrict 1A Total	14,360	400,192	41,926	19,536	461,655	23,267	499,282	222,440	27,857
Connecticut	2,924	87,102	12,758	2,889	102,749	4,089	109,762	14,690	11,177
Maine	15	83,861	11,320	9,156	104,337	808	105,160	20,560	9,100
Massachusetts	11,370	138,013	6,866	2,085	146,964	13,572	171,906	110,894	3,291
New Hampshire	30	46,744	5,943	997	53,683	2,396	56,110	52,092	2,598
Rhode Island	1	22,292	1,053	580	23,924	1,114	25,038	18,181	396
Vermont	21	22,181	3,987	3,830	29,998	1,288	31,306	6,025	1,295
Subdistrict 1B Total	10,912	777,548	112,272	56,347	946,167	142,409	1,099,488	468,517	71,992
Delaware	-	5,158	687	2,519	8,364	320	8,684	7,430	628
District of Columbia	-	11,014	1,918	63	12,995	1,733	14,729	-	113
Maryland	150	40,326	11,751	11,942	64,019	944	65,113	4,082	5,292
New Jersey	5,502	108,016	6,681	1,627	116,324	5,805	127,631	11,721	14,740
New York	5,200	451,906	57,249	15,532	524,687	129,997	659,883	419,220	31,886
Pennsylvania	60	161,127	33,987	24,664	219,777	3,611	223,448	26,063	19,333
Subdistrict 1C Total	2,072	88,985	129,015	140,255	358,255	371	360,697	30,805	22,350
Florida	9	4,307	71,199	53,700	129,207	-	129,216	14,602	2,180
Georgia	-	1,902	17,227	11,649	30,778	-	30,778	-	1,037
North Carolina	-	31,192	18,263	11,361	60,815	84	60,899	9,526	6,805
South Carolina	26	4,512	5,627	12,480	22,619	27	22,672	3,214	1,148
Virginia	1,828	43,822	13,345	49,471	106,637	260	108,725	3,462	8,520
West Virginia	209	3,251	3,355	1,594	8,200	-	8,408	-	2,660
PAD District 2 Total	30,116	121,131	243,456	127,113	491,701	58	521,874	40,680	22,750
Illinois	2,494	4,496	23,070	12,010	39,576	58	42,128	2,513	2,217
Indiana	2,624	27,048	18,263	16,508	61,819	-	64,443	4,653	1,984
Iowa	2,509	6,310	5,407	1,765	13,481	-	15,990	114	649
Kansas	683	1,467	9,073	1,141	11,681	-	12,364	-	568
Kentucky	62	2,008	20,924	16,088	39,021	-	39,083	37	1,137
Michigan	1,293	10,622	38,738	13,411	62,771	-	64,064	186	1,194
Minnesota	8,750	17,822	21,131	2,958	41,911	-	50,661	12,724	601
Missouri	563	1,716	20,476	3,548	25,740	-	26,302	716	1,269
Nebraska	4,080	1,898	3,866	553	6,316	-	10,396	965	176
North Dakota	752	2,411	2,818	1,156	6,385	-	7,137	1,914	115
Ohio	1,351	14,460	21,556	26,871	62,886	-	64,237	4,514	9,394
Oklahoma	-	-	8,968	3,759	12,727	-	12,727	-	372
South Dakota	1,104	3,332	4,086	1,781	9,199	-	10,303	6	129
Tennessee	165	359	21,653	17,254	39,266	-	39,430	-	1,688
Wisconsin	3,687	27,183	23,428	8,312	58,923	-	62,610	12,337	1,258
PAD District 3 Total	1,318	6,695	114,307	124,727	245,730	-	247,048	2,605	5,459
Alabama	170	591	15,262	18,534	34,387	-	34,556	349	754
Arkansas	-	67	3,933	28,956	32,956	-	32,956	-	850
Louisiana	1,076	323	5,816	9,125	15,263	-	16,339	2,255	1,581
Mississippi	-	24	6,381	2,484	8,889	-	8,889	-	322
New Mexico	62	415	17,264	11,243	28,921	-	28,983	-	125
Texas	11	5,276	65,652	54,386	125,314	-	125,325	-	1,827
PAD District 4 Total	2,861	3,054	30,226	19,008	52,288	-	55,149	121	2,261
Colorado	401	446	9,346	11,864	21,656	-	22,058	-	1,284
Idaho	634	969	8,088	2,164	11,221	-	11,854	-	174
Montana	632	1,329	3,755	35	5,119	-	5,751	-	311
Utah	603	279	6,693	4,541	11,513	-	12,116	121	471
Wyoming	591	31	2,344	404	2,778	-	3,369	-	19
PAD District 5 Total	24,761	18,816	150,926	62,240	231,982	-	256,743	2,144	7,274
Alaska	18,393	5,961	3,212	16,345	25,517	-	43,910	-	38
Arizona	42	74	20,530	-	20,603	-	20,645	-	68
California	3,401	428	69,213	12,911	82,551	-	85,952	-	2,464
Hawaii	-	35	9,849	6,907	16,791	-	16,791	117	1
Nevada	155	2,027	19,157	220	21,405	-	21,560	-	109
Oregon	831	3,664	10,330	7,709	21,704	-	22,535	2,027	2,571
Washington	1,939	6,627	18,636	18,148	43,411	-	45,350	-	2,023

Dashed (-) = No data reported.

Notes: • See Technical Note 3 for further explanations. • Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration's Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2005 and "Petroleum Supply Annual," Volume 1, 2005, (DOE/EIA-0340(05)/1).

Table 21. Adjusted Sales for Industrial Use: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 2005
(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	Low Sulfur Diesel	High Sulfur Diesel					No. 2 Total
U.S. Total	44,205	392,316	882,059	1,114,952	2,389,327	67,430	2,500,962	1,779,445	267,450
PAD District 1 Total	1,089	197,099	94,536	435,783	727,418	32,194	760,702	1,160,803	135,439
Subdistrict 1A Total	262	44,051	11,375	3,534	58,960	7,875	67,097	267,537	17,654
Connecticut	-	7,087	1,212	138	8,437	4,336	12,773	45,599	11,147
Maine	5	13,494	1,923	190	15,607	632	16,244	165,414	890
Massachusetts	-	7,511	3,774	2,780	14,065	546	14,611	31,953	3,133
New Hampshire	238	7,506	1,340	30	8,876	544	9,658	5,983	792
Rhode Island	-	2,586	530	-	3,116	1,011	4,127	12,110	68
Vermont	18	5,868	2,595	397	8,860	806	9,684	6,478	1,624
Subdistrict 1B Total	148	93,351	15,585	78,282	187,218	12,842	200,208	187,579	103,410
Delaware	-	956	809	318	2,083	617	2,700	29,741	14,299
District of Columbia	-	3	-	-	3	-	3	-	-
Maryland	15	9,616	2,788	6,552	18,956	407	19,379	34,460	2,399
New Jersey	18	18,643	569	758	19,969	4,693	24,680	15,782	55,688
New York	108	37,283	4,849	8,543	50,675	5,213	55,995	54,733	26,843
Pennsylvania	7	26,850	6,571	62,111	95,532	1,913	97,451	52,863	4,181
Subdistrict 1C Total	680	59,697	67,577	353,966	481,240	11,477	493,397	705,687	14,374
Florida	38	7,808	26,024	46,112	79,944	1,911	81,893	118,747	95
Georgia	217	13,453	20,273	42,642	76,367	2,214	78,798	125,492	5,210
North Carolina	-	8,680	9,482	48,815	66,977	5,119	72,097	204,713	2,008
South Carolina	31	6,335	4,311	17,307	27,954	872	28,857	138,456	4,261
Virginia	-	21,613	5,528	76,481	103,623	1,264	104,887	99,947	2,153
West Virginia	394	1,807	1,960	122,609	126,375	97	126,867	18,332	647
PAD District 2 Total	24,931	182,272	243,174	338,268	763,714	25,383	814,028	274,635	14,898
Illinois	5,166	14,829	27,024	29,921	71,774	1,702	78,642	12,609	2,189
Indiana	3,760	39,089	65,663	16,430	121,182	3,457	128,399	20,743	1,527
Iowa	838	1,339	8,911	2,243	12,494	466	13,798	7,964	26
Kansas	394	493	7,988	3,193	11,674	1,568	13,636	13,855	53
Kentucky	18	4,286	17,920	119,593	141,799	1,345	143,162	5,677	1,480
Michigan	655	7,087	5,769	20,504	33,360	-	34,015	37,223	1,477
Minnesota	5,212	46,427	11,385	1,098	58,910	45	64,167	43,949	169
Missouri	1,960	3,221	14,698	16,128	34,047	3,348	39,355	3,295	279
Nebraska	96	362	1,224	6,512	8,098	2,017	10,211	4,264	38
North Dakota	1,402	5,257	2,838	23,290	31,386	-	32,788	6,215	18
Ohio	800	33,853	19,560	29,357	82,770	838	84,408	54,652	4,399
Oklahoma	-	396	2,051	8,405	10,852	4,699	15,551	6,316	730
South Dakota	207	1,074	1,488	257	2,819	16	3,041	2,573	3
Tennessee	-	82	30,698	30,549	61,330	5,804	67,134	10,692	1,586
Wisconsin	4,424	24,476	25,955	30,789	81,220	77	85,721	44,607	923
PAD District 3 Total	235	5,640	199,502	206,652	411,793	8,763	420,791	310,524	114,152
Alabama	-	1,006	30,405	112,186	143,597	-	143,597	31,111	1,938
Arkansas	-	232	4,310	19,037	23,579	2,859	26,438	792	59
Louisiana	-	-	12,281	25,401	37,682	1,750	39,432	115,455	100,140
Mississippi	-	13	2,451	14,129	16,593	2,265	18,859	12,253	2,110
New Mexico	235	1,001	37,034	3,578	41,612	-	41,847	3,603	24
Texas	-	3,389	113,020	32,321	148,730	1,888	150,618	147,310	9,882
PAD District 4 Total	3,091	6,306	156,538	11,543	174,387	-	177,478	20,563	303
Colorado	663	2,312	22,635	1,446	26,393	-	27,055	-	121
Idaho	448	2,022	9,822	6,856	18,700	-	19,148	9,199	7
Montana	825	1,319	23,380	38	24,737	-	25,562	1,781	43
Utah	394	515	24,983	3,177	28,676	-	29,069	9,032	105
Wyoming	761	138	75,718	26	75,882	-	76,643	551	26
PAD District 5 Total	14,859	999	188,309	122,706	312,014	1,090	327,963	12,920	2,659
Alaska	13,970	218	4,469	28,009	32,697	-	46,667	-	2
Arizona	40	9	83,174	431	83,614	-	83,653	866	137
California	-	110	37,278	14,898	52,286	-	52,286	463	1,275
Hawaii	-	341	2,162	1,632	4,135	-	4,135	-	4
Nevada	133	3	41,809	57,828	99,640	1,090	100,863	-	15
Oregon	699	5	8,109	9,875	17,989	-	18,688	11,081	685
Washington	17	313	11,308	10,032	21,653	-	21,670	509	541

Dashed (-) = No data reported.

Notes: • See Technical Note 3 for further explanations. • Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration's Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2005 and "Petroleum Supply Annual," Volume 1, 2005, (DOE/EIA-0340(05)/1).

Table 22. Adjusted Sales for Farm Use: Distillate Fuel Oil and Kerosene; Sales for Electric Power and Oil Company Uses: Distillate Fuel Oil and Residual Fuel Oil, 2005
(Thousand Gallons)

Destination	Farm				Electric Power		Oil Company Use	
	Diesel	Other Distillate	Total Distillate	Kerosene	Distillate Fuel Oil	Residual Fuel Oil	Distillate Fuel Oil	Residual Fuel Oil
U.S. Total	3,481,902	50,429	3,532,332	19,875	866,392	5,924,216	503,727	78,874
PAD District 1 Total	325,244	25,630	350,874	6,376	430,008	5,285,072	26,095	31,290
Subdistrict 1A Total	17,449	8,477	25,926	2,853	19,129	861,095	8	266
Connecticut	2,538	781	3,319	7	4,817	225,443	-	266
Maine	4,063	4,449	8,512	1,812	908	82,033	6	-
Massachusetts	2,869	249	3,118	7	10,321	457,999	-	-
New Hampshire	2,542	1,776	4,318	528	1,211	95,593	-	-
Rhode Island	156	95	250	1	1,184	28	2	-
Vermont	5,282	1,128	6,410	497	688	-	-	-
Subdistrict 1B Total	83,658	11,469	95,127	2,335	236,022	2,127,380	17,010	30,538
Delaware	6,667	9	6,676	42	4,377	38,345	6,907	-
District of Columbia	-	-	-	-	22,148	-	-	-
Maryland	17,081	48	17,129	576	48,650	214,492	-	798
New Jersey	3,066	637	3,703	4	24,824	124,884	5,860	2,106
New York	32,064	4,409	36,473	1,133	33,276	1,466,948	88	743
Pennsylvania	24,779	6,365	31,145	579	102,746	282,712	4,155	26,890
Subdistrict 1C Total	224,137	5,683	229,821	1,188	174,857	2,296,597	9,077	486
Florida	75,808	-	75,808	8	69,645	2,006,711	-	-
Georgia	61,096	-	61,096	58	11,018	8,644	191	-
North Carolina	29,684	4,433	34,117	418	22,231	-	-	107
South Carolina	24,793	834	25,627	111	13,164	4,061	-	139
Virginia	31,316	406	31,722	482	35,978	277,180	976	240
West Virginia	1,442	11	1,452	111	22,821	-	7,910	-
PAD District 2 Total	1,840,434	20,771	1,861,205	11,308	167,791	87,434	103,662	7,429
Illinois	192,898	2,858	195,756	656	15,909	-	68	-
Indiana	148,360	1,435	149,795	764	14,887	-	866	2,330
Iowa	182,450	325	182,775	588	13,870	-	-	-
Kansas	192,645	102	192,747	3,960	3,907	50,780	26,238	-
Kentucky	32,182	-	32,182	552	8,015	-	3,515	-
Michigan	53,043	956	53,999	279	18,883	28,917	1,373	-
Minnesota	136,939	2,305	139,244	412	7,236	7,737	-	1,535
Missouri	146,198	-	146,198	266	3,499	-	1	-
Nebraska	232,289	1,164	233,453	126	1,314	-	46	-
North Dakota	127,744	973	128,717	53	2,455	-	14,816	575
Ohio	119,629	4,382	124,011	2,818	44,537	-	6,168	81
Oklahoma	57,108	-	57,108	129	3,242	-	49,625	2,908
South Dakota	67,642	3,110	70,752	33	1,616	-	632	-
Tennessee	39,089	-	39,089	95	18,131	-	314	-
Wisconsin	112,217	3,161	115,378	578	10,290	-	-	-
PAD District 3 Total	738,847	160	739,007	327	60,170	220,709	289,340	48
Alabama	35,018	24	35,043	30	14,596	6,012	4,278	-
Arkansas	246,706	133	246,839	56	5,916	5,930	1,555	-
Louisiana	67,362	-	67,362	11	8,108	101,062	32,615	39
Mississippi	53,071	2	53,073	44	5,938	106,443	2,919	9
New Mexico	15,472	-	15,472	23	2,533	-	22,954	-
Texas	321,218	-	321,218	163	23,080	1,262	225,019	-
PAD District 4 Total	159,761	958	160,719	157	7,796	-	53,784	7,568
Colorado	33,064	-	33,064	111	836	-	22,632	-
Idaho	55,739	117	55,857	21	8	-	-	-
Montana	55,830	840	56,670	2	1,257	-	19,970	2,647
Utah	7,922	-	7,922	14	1,069	-	687	-
Wyoming	7,206	-	7,206	10	4,626	-	10,495	4,921
PAD District 5 Total	417,616	2,910	420,527	1,707	200,627	331,000	30,846	32,540
Alaska	40	-	40	-	54,884	-	18,224	-
Arizona	18,329	-	18,329	3	4,661	-	4	-
California	328,222	1,967	330,188	470	5,745	-	10,364	-
Hawaii	5,398	-	5,398	-	127,840	331,000	794	32,540
Nevada	2,593	50	2,643	2	1,683	-	1,125	-
Oregon	27,163	860	28,023	688	4,554	-	-	-
Washington	35,872	34	35,906	545	1,259	-	335	-

Dashed (-) = No data reported.

Notes: • See Technical Note 3 for further explanations. • Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration's Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2005 and "Petroleum Supply Annual," Volume 1, 2005, (DOE/EIA-0340(05)/1). • See Technical Note 3 for further explanation of Electric Power.

Table 23. Adjusted Sales for Transportation Use: Distillate Fuel Oil and Residual Fuel Oil, 2005
(Thousand Gallons)

Destination	Railroad Use	Vessel Bunkering		On-Highway Diesel	Total Transportation Use	
	Distillate Fuel Oil	Distillate Fuel Oil	Residual Fuel Oil	Distillate Fuel Oil	Distillate Fuel Oil	Residual Fuel Oil
U.S. Total	3,671,327	2,110,191	5,516,083	38,053,129	43,834,647	5,516,083
PAD District 1 Total	589,474	416,216	2,184,713	11,787,222	12,792,912	2,184,713
Subdistrict 1A Total	64,423	40,498	62,177	1,124,417	1,229,338	62,177
Connecticut	3,715	6,022	252	304,875	314,612	252
Maine	46	8,266	39,585	175,342	183,655	39,585
Massachusetts	60,222	19,244	22,341	422,272	501,739	22,341
New Hampshire	130	3,012	-	101,662	104,803	-
Rhode Island	-	3,682	-	^E 57,828	61,510	-
Vermont	310	273	-	62,438	63,020	-
Subdistrict 1B Total	197,121	132,419	1,227,676	4,177,593	4,507,133	1,227,676
Delaware	239	664	45,393	68,514	69,417	45,393
District of Columbia	4,163	5	-	15,444	19,613	-
Maryland	15,900	17,500	39,491	561,259	594,660	39,491
New Jersey	16,132	84,918	716,132	936,708	1,037,757	716,132
New York	70,301	7,614	236,726	1,104,919	1,182,835	236,726
Pennsylvania	90,385	21,718	189,933	1,490,749	1,602,852	189,933
Subdistrict 1C Total	327,931	243,298	894,860	6,485,212	7,056,441	894,860
Florida	63,697	120,673	559,257	1,716,103	1,900,473	559,257
Georgia	106,949	16,872	185,396	1,648,729	1,772,550	185,396
North Carolina	77,069	9,944	16,742	1,058,588	1,145,601	16,742
South Carolina	8,815	20,740	65,056	678,052	707,606	65,056
Virginia	58,166	17,254	68,408	1,080,515	1,155,936	68,408
West Virginia	13,234	57,816	-	303,225	374,275	-
PAD District 2 Total	1,494,398	462,744	34,206	12,155,251	14,112,392	34,206
Illinois	62,851	124,933	961	1,460,631	1,648,415	961
Indiana	127,637	16,074	7,991	1,319,432	1,463,142	7,991
Iowa	54,847	7,112	-	582,829	644,788	-
Kansas	139,826	-	-	421,817	561,643	-
Kentucky	123,400	118,636	115	866,340	1,108,376	115
Michigan	23,974	11,185	8,198	945,796	980,955	8,198
Minnesota	84,378	5,117	9,738	660,440	749,935	9,738
Missouri	50,371	47,291	566	1,045,713	1,143,375	566
Nebraska	55,037	-	-	404,792	459,829	-
North Dakota	70,787	-	-	166,668	237,455	-
Ohio	227,950	1,424	-	1,601,756	1,831,129	-
Oklahoma	337,879	29	-	739,025	1,076,934	-
South Dakota	5,525	-	-	186,173	191,698	-
Tennessee	92,619	129,962	2,435	1,052,460	1,275,041	2,435
Wisconsin	37,317	980	4,203	701,379	739,676	4,203
PAD District 3 Total	834,739	791,680	1,435,977	6,802,473	8,428,892	1,435,977
Alabama	61,030	105,609	41,385	781,017	947,657	41,385
Arkansas	53,585	22,092	44	633,320	708,997	44
Louisiana	35,725	421,202	435,488	683,620	1,140,546	435,488
Mississippi	15,611	78,614	24,977	612,959	707,184	24,977
New Mexico	13,089	-	-	480,401	493,490	-
Texas	655,699	164,163	934,083	3,611,156	4,431,017	934,083
PAD District 4 Total	203,769	3	-	1,778,660	1,982,432	-
Colorado	15,341	-	-	536,245	551,587	-
Idaho	21,350	3	-	249,569	270,922	-
Montana	62,440	-	-	244,486	306,926	-
Utah	25,120	-	-	390,679	415,799	-
Wyoming	79,517	-	-	357,681	437,198	-
PAD District 5 Total	548,947	439,549	1,861,187	5,529,523	6,518,019	1,861,187
Alaska	7,196	126,160	489	172,595	305,951	489
Arizona	13,601	-	-	844,659	858,260	-
California	324,496	128,431	1,412,362	2,967,826	3,420,753	1,412,362
Hawaii	-	119,101	46,696	44,656	163,757	46,696
Nevada	5,366	13	-	352,115	357,495	-
Oregon	74,989	12,321	77,919	534,067	621,378	77,919
Washington	123,298	53,522	323,720	613,605	790,425	323,720

^E Estimated data. Since 2005 data were not available, estimate is based on 2004 data.

Dashed (-) = No data reported.

Notes: • See Technical Note 3 for further explanations. • Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration's Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2005 and "Petroleum Supply Annual," Volume 1, 2005, (DOE/EIA-0340(05)/1). • On-Highway Diesel data are Federal Highway Administration statistics of highway special fuels use.

Table 24. Adjusted Sales for Military, Off-Highway, and All Other Uses: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 2005
(Thousand Gallons)

Destination	Military				Off-Highway Distillate Fuel Oil			All Other	
	Diesel	Other Distillate	Total Distillate	Residual Fuel Oil	Construction	Other	Total	Residual Fuel Oil	Kerosene
U.S. Total	207,787	63,739	271,526	31,569	2,331,320	699,136	3,030,456	5,723	2,124
PAD District 1 Total	49,206	27,791	76,996	28,503	659,302	159,157	818,459	529	1,046
Subdistrict 1A Total	5,629	5,081	10,710	5,218	90,774	14,343	105,117	330	348
Connecticut	213	925	1,138	669	17,591	235	17,826	330	159
Maine	4,467	1,737	6,204	-	8,511	5,361	13,872	-	23
Massachusetts	456	121	577	4,550	46,534	4,878	51,412	-	-
New Hampshire	396	554	950	-	12,337	2,266	14,603	-	115
Rhode Island	3	1,741	1,744	-	3,066	-	3,066	-	9
Vermont	95	3	97	-	2,735	1,604	4,338	-	41
Subdistrict 1B Total	8,208	13,883	22,091	10,488	170,392	16,491	186,883	199	352
Delaware	28	130	157	-	4,546	65	4,611	-	-
District of Columbia	1,664	466	2,130	-	1,409	-	1,409	-	-
Maryland	3,472	4,606	8,078	8,819	36,978	1,749	38,726	-	22
New Jersey	608	903	1,512	-	31,320	5,859	37,179	-	30
New York	689	2,324	3,014	-	29,802	617	30,420	199	147
Pennsylvania	1,746	5,454	7,200	1,668	66,337	8,201	74,538	-	153
Subdistrict 1C Total	35,369	8,826	44,195	12,797	398,136	128,323	526,459	-	346
Florida	3,152	39	3,191	-	140,394	28,045	168,439	-	1
Georgia	1,840	787	2,627	-	67,428	42,282	109,710	-	22
North Carolina	1,917	2,311	4,228	807	39,723	9,926	49,649	-	17
South Carolina	11,466	87	11,553	-	42,566	14,992	57,558	-	2
Virginia	16,887	5,497	22,384	11,990	94,741	26,908	121,649	-	174
West Virginia	107	105	212	-	13,285	6,170	19,455	-	131
PAD District 2 Total	9,016	1,913	10,929	-	791,702	155,963	947,665	4,527	985
Illinois	742	16	758	-	131,637	7,699	139,336	-	214
Indiana	83	5	88	-	58,201	15,007	73,208	-	50
Iowa	56	-	56	-	18,763	14,770	33,533	-	7
Kansas	599	-	599	-	15,025	2,024	17,049	-	2
Kentucky	563	280	843	-	46,530	7,726	54,257	-	145
Michigan	679	610	1,289	-	69,583	16,773	86,355	634	10
Minnesota	110	4	115	-	76,649	10,320	86,969	-	101
Missouri	2,641	402	3,042	-	64,720	17,438	82,158	-	-
Nebraska	282	-	282	-	15,832	4,592	20,424	11	149
North Dakota	462	-	462	-	11,227	1,938	13,166	1,963	-
Ohio	361	1	362	-	82,361	7,393	89,754	44	211
Oklahoma	340	-	340	-	44,031	8,100	52,131	-	2
South Dakota	839	-	839	-	14,302	2,503	16,805	-	-
Tennessee	249	45	293	-	72,672	25,401	98,072	1,875	93
Wisconsin	1,010	551	1,561	-	70,168	14,280	84,448	-	-
PAD District 3 Total	112,867	673	113,540	2,530	379,283	228,801	608,085	597	7
Alabama	6,317	414	6,731	1,186	52,772	63,575	116,347	-	1
Arkansas	259	140	399	-	14,409	28,580	42,989	597	-
Louisiana	59,084	33	59,117	-	78,790	62,258	141,049	-	4
Mississippi	670	86	756	-	39,653	32,541	72,194	-	-
New Mexico	995	-	995	-	5,912	2,507	8,420	-	1
Texas	45,543	-	45,543	1,344	187,747	39,340	227,087	-	-
PAD District 4 Total	1,152	34	1,185	-	103,863	87,588	191,451	66	35
Colorado	500	19	519	-	44,869	1,469	46,338	-	1
Idaho	583	-	583	-	13,474	16,397	29,871	12	1
Montana	51	15	66	-	11,415	10,544	21,959	-	2
Utah	17	-	17	-	22,452	54,632	77,084	7	31
Wyoming	-	-	-	-	11,653	4,546	16,199	47	-
PAD District 5 Total	35,547	33,328	68,875	537	397,170	67,626	464,796	4	52
Alaska	14,809	175	14,985	-	14,619	3,954	18,573	-	-
Arizona	813	16	829	-	106,555	6,342	112,897	-	-
California	9,660	-	9,660	537	171,885	13,022	184,908	-	15
Hawaii	1,540	-	1,540	-	12,020	-	12,020	-	-
Nevada	1,406	-	1,406	-	31,453	2,400	33,854	4	-
Oregon	2,286	-	2,286	-	15,181	18,638	33,819	-	9
Washington	5,033	33,137	38,171	-	45,456	23,270	68,726	-	28

Dashed (-) = No data reported.

Notes: • See Technical Note 3 for further explanations. • Totals may not equal sum of components due to independent rounding.

Sources: • Energy Information Administration's Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2005 and "Petroleum Supply Annual," Volume 1, 2005, (DOE/EIA-0340(05)/1).

Appendix A

Technical Notes

Technical Note 1: EIA-821: Annual Fuel Oil and Kerosene Sales Report, 2005

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 energy users of distillate fuel oil, residual fuel oil, and kerosene. The data are used to determine the level of demand by energy 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 energy users.

The EIA-863 database provided the sampling frame for the EIA-821 survey. The EIA-863, “Petroleum Product Sales Identification Survey,” was mailed to approximately 25,000 companies in January 2003 to collect 2002 State-level sales volume data for No. 2 distillate, residual fuel, motor gasoline, and propane. Companies also indicated if they sold kerosene. The No. 2 distillate data were further identified by residential and nonresidential energy use, and non-energy use sales; the residual data were identified by energy use and non-energy use; motor gasoline was identified by energy use and non-energy use and by conventional and oxygenated and/or reformulated; and propane was identified by residential, nonresidential, and non-energy use sales. The mailing list for the EIA-863 survey was constructed by merging and unduplicating the 1998 frame file and more than 50 State and commercial lists. In addition,

company/State-level volumes for distillate fuel, residual fuel, motor gasoline, and propane from the 2002 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 2005 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 distillate or residual fuel oil volume for any target variable or particular energy use category sold in a State.
- Companies accounting for 5 percent or more of the kerosene volume sold in a State in an earlier EIA-821 survey.
- Augmented frame units, e.g., vessel bunkering, for which no attribute data were available.

Firms determined not to be selling distillate or residual fuel oil or kerosene 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 boundaries were determined using the Dalenius-Hodges procedures, allowing the number of strata and the strata boundaries 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 4,000 companies. This method reduced the total survey sample size while improving volume estimates. Selected companies were asked to report sales by end-use categories for distillate and residual fuel oil and kerosene.

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:

$$\hat{V} = \sum_h N_h \left(\sum_i W_{hi} V_{hi} / \sum_i W_{hi} \right)$$

where:

\hat{V} = total estimated volume

\sum_h = denotes summation over strata

N_h = stratum population for stratum h

\sum_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 energy use at the U.S. total level ranged as follows for the 2005 EIA-821 data: distillate, 0.60 percent for military use to 20.91 percent for off-highway use; residual fuel

oil, 0.00 percent for oil company use to 3.89 percent for vessel bunkering use; and kerosene, 1.66 percent for industrial use to 6.38 percent for residential use.

Collection Methods

The EIA-821 form was mailed in January 2006 to all companies selected for participation in the 2005 reference year survey. The completed form was due to EIA on March 3, 2006. A second request was mailed 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 that maintains 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.

Technical 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 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. 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 1 through 12 are based on survey data that are subject to sampling errors. Coefficients of variation, which are estimates of sampling errors, are presented for the retail target variables in the following table for the 2005 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 2005 EIA-821 survey, the overall response rate (the number of submissions received, divided by the number of submissions solicited and expected, times 100) was 91.0 percent.

Technical 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 energy use categories were replaced by alternate source data at the U.S., Petroleum Administration for Defense (PAD) district, or State level:

Tables 1 through 12:

On-Highway Diesel. Distillate fuel oil by State was calculated from the Federal Highway Administration data on highway use of special fuels. Of the 2001 through 2005 special fuels, more than 99 percent is diesel.

Tables 13 through 24:

The 2004 adjusted numbers have been revised since they were first published in the Fuel Oil and Kerosene Sales 2004. The revisions to the data were made to include new distillate and residual volumes for "Electric Power". When we originally published the Fuel Oil and Kerosene Sales 2004, the "Electric Power" information was still being collected and verified. See Electric Power below for further explanation on how the data are calculated.

Electric Power. National-level distillate and residual fuel oil sales for electric power use were calculated from annual aggregations of data collected on the EIA-906, "Power Plant Report." Form EIA-906 utility and non-utility, NAICS 22 companies, consumption data was added to the stock change of distillate and residual, respectively. Allocations at the State level were based on the EIA-821 survey.

Coefficients of Variation for Sales of Fuel Oil, 2005

Geographic Area	Residential Distillate Fuel Oil	Non-Residential Retail Distillate Fuel Oil	Retail Residual Fuel Oil
U.S. Average	2.1	0.8	0.1
PAD District 1 Average	2.4	1.2	0.1
Subdistrict 1A Average	2.3	1.9	0.0
Connecticut	5.4	3.6	0.0
Maine	3.0	5.1	0.0
Massachusetts	4.7	3.7	0.0
New Hampshire	2.8	4.1	0.0
Rhode Island	4.8	3.1	0.0
Vermont	3.1	4.4	0.0
Subdistrict 1B Average	4.1	2.5	0.1
Delaware	4.6	3.4	0.0
District of Columbia	0.0	0.0	0.0
Maryland	4.1	1.9	0.0
New Jersey	6.6	3.6	0.0
New York	6.9	6.9	0.1
Pennsylvania	6.7	2.4	0.0
Subdistrict 1C Average	4.4	1.5	0.2
Florida	6.8	3.6	0.0
Georgia	15.1	2.1	1.9
North Carolina	6.3	3.4	0.0
South Carolina	10.1	3.4	0.0
Virginia	6.2	4.0	0.0
West Virginia	5.7	4.7	0.0
PAD District 2 Average	2.4	1.2	0.3
Illinois	7.6	4.9	0.0
Indiana	9.5	3.1	0.9
Iowa	9.2	3.6	0.0
Kansas	13.7	4.5	0.0
Kentucky	3.1	3.7	0.0
Michigan	4.5	4.8	1.1
Minnesota	6.3	4.6	0.4
Missouri	4.0	3.2	0.0
Nebraska	18.4	4.9	0.0
North Dakota	13.6	5.4	0.4
Ohio	6.1	5.3	0.0
Oklahoma	0.0	5.4	0.0
South Dakota	9.4	3.0	0.0
Tennessee	17.1	2.6	4.8
Wisconsin	4.8	3.3	0.0
PAD District 3 Average	20.1	3.0	0.0
Alabama	0.9	2.9	0.0
Arkansas	7.0	11.2	0.0
Louisiana	1.9	3.5	0.0
Mississippi	75.2	2.9	0.0
New Mexico	19.7	3.3	0.0
Texas	84.9	5.3	0.0
PAD District 4 Average	12.8	0.9	0.0
Colorado	22.2	4.8	0.0
Idaho	4.9	3.8	0.0
Montana	41.0	5.2	0.0
Utah	0.1	0.4	0.0
Wyoming	11.4	3.4	0.0
PAD District 5 Average	3.0	2.4	0.2
Alaska	6.5	1.1	0.0
Arizona	0.0	3.3	0.0
California	7.8	4.7	0.0
Hawaii	0.0	0.0	0.0
Nevada	0.0	3.4	0.0
Oregon	7.2	5.0	3.8
Washington	1.4	5.9	0.0

Note: Coefficients of variation that are less than 0.1 and greater than zero are displayed as 0.1.

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 2005.

On-Highway Diesel. Distillate fuel oil by State was calculated from the Federal Highway Administration data on highway use of special fuels. Of the 2001 through 2005 special fuels, more than 99 percent is diesel.

2001 through 2005 Adjustments

Kerosene volumes in Tables 1 through 24 are adjusted at the national level to equal products supplied volumes as published in the “Detailed Statistics” section of the Petroleum Supply Annual (PSA). The 2005 survey resulted in 537,625 thousand gallons of kerosene at the national level. The products supplied volume at the national level for kerosene was 1,070,160 thousand gallons. Hence, the adjustment factor at the national level for 2005 was 1.99.

Volumes of distillate fuel oil in Tables 13 through 24 were adjusted at the PAD district level to equal products supplied volumes. The adjustment factors at the PAD district level for 2005 are as follows:

Distillate Fuel Oil

PAD District 1:	.87
PAD District 2:	1.21
PAD District 3:	1.10
PAD District 4:	.84
PAD District 5:	1.04

For Tables 13 through 24, total sales at the PAD district level equal the products supplied volumes as reported in the PSA, 2001 through 2005. For example, the 2005 survey yielded a volume for distillate residential use in PAD District 2 of 510,040 thousand gallons. The total distillate volume for PAD District 2 was 5,668,643 from the survey, after subtracting the volume coming from alternate sources. The product supplied total distillate volume for PAD District 2 was 6,831,142 after removing alternate source volume. Hence, the adjusted 2005 estimate of distillate for residential use in PAD District 2 was $(6,831,142/5,668,643) \times 510,040 = 614,636$. For distillate fuel oil in Tables 13 through 24, the PAD district adjustments were made to each State and product-use category except on-highway diesel and electric power uses.

Volumes of residual fuel oil in Tables 13 through 24 were adjusted at the national level to equal the products supplied estimate. The 2005 survey yielded 13,442,165 gallons of residual fuel oil, while the

products supplied volume at the national level was 14,103,222 thousand gallons. Thus, the adjustment factor at the national level for 2005 was 1.07, after subtracting the volumes coming from alternate sources. For residual fuel oil, the adjustments were made to each State and energy use category except electric power.

Technical Note 4: Energy Use Descriptions and Petroleum Product Definitions

Energy Use Descriptions

Residential. An energy-consuming sector that consists of living quarters for private households. Common uses of energy associated with this sector include space heating, water heating, air conditioning, lighting, refrigeration, cooking, and running a variety of other appliances. Sales to farmhouses are reported under “Farm” and sales to apartment buildings are reported under “Commercial.”

Commercial. An energy-consuming sector that consists of service-providing facilities and equipment of nonmanufacturing businesses; Federal, State, and local governments; and other private and public organizations, such as religious, social, or fraternal groups. The commercial sector includes institutional living quarters. Common uses of energy associated with this sector include space heating, water heating, air conditioning, lighting, refrigeration, cooking and running a wide variety of other equipment.

Industrial. An energy-consuming sector that consists of all facilities and equipment used for producing, processing, or assembling goods. The industrial sector encompasses the following types of activity: manufacturing and mining. Overall energy use in this sector is largely for process heat and cooling and powering machinery, with lesser amounts used for facility heating, air conditioning, and lighting. Fossil fuels are also used as raw material inputs to manufactured products.

Oil Company. An energy-consuming sector that consists of 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 operation of drilling equipment, other field or refinery operations, and space heating at petroleum refineries, pipeline companies, and oil-drilling companies. Sales to other oil companies for

field use are included, but sales for use as refinery charging stocks are excluded.

Farm. An energy-consuming sector that consists of establishments where the primary activity is growing crops and/or raising animals. Energy use by all facilities and equipment at these establishments is included, whether or not it is directly associated with growing crops and/or raising animals. Common types of energy-using equipment include tractors, irrigation pumps, crop dryers, smudge pots, and milking machines. Facility energy use encompasses all structures at the establishment, including the farm house.

Electric Power. An energy-consuming sector that consists of electricity only and combined heat and power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public--i.e., NAICS 22 plants. Volumes directly imported and used by the electric power companies are included.

Railroad. An energy-consuming sector that consists of all railroads for any use, including that used for heating buildings operated by railroads.

Vessel Bunkering. An energy-consuming sector that consists 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. An energy-consuming sector that consists of motor vehicles: automobiles, trucks, and buses. Vehicles used in the marketing and distribution of petroleum products are also included.

Military. An energy-consuming sector that consists of the U.S. Armed Forces, Defense Energy Support Center (DESC), and all branches of the Department of Defense (DOD).

Off-Highway. An energy-consuming sector that consist of:

1. **Construction.** An energy-consuming sub sector that consist of all facilities and equipment including earthmoving equipment, cranes, generators, air compressors, etc.
2. **Other.** An energy-consuming sub sector that consists of all off-highway uses other than construction. Includes logging, scrape and junk yards, and refrigeration units on trucks.

All Other Uses. Sales for all other energy-consuming sectors not included elsewhere.

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

1. **No. 1 Distillate.** A light petroleum distillate that can be used as either a diesel fuel or a fuel oil.
 - a. **No. 1 Diesel Fuel.** A light distillate fuel oil that has distillation temperatures of 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM specification D 975. It is used in high-speed diesel engines generally operated under frequent speed and load changes, such as those in city buses and similar vehicles.
 - b. **No. 1 Fuel Oil.** A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters.
2. **No. 2 Distillate.** A petroleum distillate that can be used as either a diesel fuel or a fuel oil.
 - a. **No. 2 Diesel Fuel.** A fuel that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high speed diesel engines that are generally operated under uniform speed and load conditions such as those in railroads locomotives, trucks, and automobiles.

- (1) **Low Sulfur No. 2 Diesel Fuel.** No. 2 diesel fuel that has a sulfur level no higher than 0.05 percent by weight. It is used primarily in motor vehicle diesel engines for on-highway use.
 - (2) **High Sulfur No. 2 Diesel Fuel.** No. 2 diesel fuel that has a sulfur level above 0.05 percent by weight.
- b. **No. 2 Fuel Oil (Heating Oil).** A distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 640 degrees Fahrenheit at the 90-percent recovery point and meets the specification defined in ASTM specification D 396. It is used in atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units.
3. **No. 4 Fuel.** A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms with ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low-and medium-speed diesel engines and conforms to ASTM Specification D 975.

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.

Kerosene. A light petroleum distillate that is used in space heater, cook stoves, an water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-k and No. 2-k, the two grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil.

PAD District. Petroleum Administration for Defense Districts.

PAD District 1 (East Coast):

Subdistrict 1A (New England):

Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Subdistrict 1B (Central Atlantic):

Delaware, District of Columbia, Maryland, New Jersey, New York, and Pennsylvania

Subdistrict 1C (Lower Atlantic):

Florida, Georgia, North Carolina, South Carolina, Virginia, and West Virginia

PAD District 2 (Midwest):

Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, South Dakota, Ohio, Oklahoma, Tennessee, and Wisconsin

PAD District 3 (Gulf Coast):

Alabama, Arkansas, Louisiana, Mississippi, New Mexico, and Texas

PAD District 4 (Rocky Mountains):

Colorado, Idaho, Montana, Utah, and Wyoming

PAD District 5 (West Coast):

Alaska, Arizona, California, Hawaii, Nevada, Oregon, and Washington

Residual Fuel Oils. A general classification for the heavier oils, know as No. 5 and No. 6 fuel oils that remain after the distillate fuel oils an lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specification D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also know as Navy Special anis defined in Military Specification MIL-F859E, including Amendment 2 (NATO Symbol F-77). It is used in steam-powered vessels in government service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

United States. The United States includes the 50 states and the District of Columbia.

Appendix B

**Form EIA – 821:
Annual Fuel Oil
and Kerosene
Sales Report**



U.S. DEPARTMENT OF ENERGY
Energy Information Administration

Form Approved
OMB Number: 1905-0174
Form Expires: 11/30/06

EIA-821: ANNUAL FUEL OIL AND KEROSENE SALES REPORT

This report is mandatory under Public Law 93-275. Title 18 U.S.C. 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction. For the provisions concerning the confidentiality of information and sanctions, see Sections 8 and 9 of the instructions.

PART I. IDENTIFICATION DATA

**For assistance in completing this form
call 1-800-592-2299**

Provide Corrections to Company Name, Address, and Contact information in Items 1-8					
1. Company Name			7. Name of Contact Person		
2. Street			8. Contact Information		
3. P.O. Box / RFD			a. Telephone Number <input type="text"/> - <input type="text"/> - <input type="text"/>		
4. City		5. State	6. Zip Code		b. Fax Number <input type="text"/> - <input type="text"/> - <input type="text"/>
9. Reference Year 2005			10. Type of Report (<i>Check One</i>) (1) <input type="checkbox"/> Original (2) <input type="checkbox"/> Resubmission		c. Email Address _____
12. Which of the following best describes this firm at the end of 2005?			11. The Number of States for Which You Are Reporting		
a. <input type="checkbox"/> In operation - Sales include petroleum products			Skip to and complete items 22-25 and Part II		
b. (1) <input type="checkbox"/> Sold or Merged (2) <input type="checkbox"/> Leased			} Complete items 13 to 25, and Part II for that portion of 2005 in which the firm was active under your ownership and control		
c. <input type="checkbox"/> Permanently ceased operation			} Complete item 13, then skip to and complete items 22-25 and Part II for the portion of 2005 in which the firm was active under your ownership and control		
d. <input type="checkbox"/> Subsidiary of another			} Complete items 13 to 25, and Part II for that portion of 2005 in which the firm was active under your ownership and control		
e. <input type="checkbox"/> Commissioned Agent			} Complete items 13 to 25, and Part II for that portion of 2005 in which the firm was active under your ownership and control		
f. <input type="checkbox"/> Not in petroleum business			Skip to and complete items 22-25		
13. Effective Date of Status Change			Month <input type="text"/> Day <input type="text"/> Year <input type="text"/>		
14. Name of Company Sold to / Leased to / Merged into / Subsidiary of / Agent for:			15. Name of Contact Person		
16. Contact's Telephone Number			<input type="text"/> - <input type="text"/> - <input type="text"/>		
17. Street			18. PO Box / RFD		
19. City		20. State	21. Zip Code		
PREPARED BY: <i>Check appropriate box. If preparer is different from contact person, complete lines 24 and 25.</i>					
22. <input type="checkbox"/> Preparer same as contact person shown on label			23. Date		
24. <input type="checkbox"/> Preparer's Name			25. Preparer's Telephone number		

Name of Firm Reporting	DOE ID Number	Reference Year 2005	Page _____ of _____
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PART II. TOTAL SALES DURING THE REFERENCE YEAR. (READ PAGES 2-4 OF INSTRUCTIONS CAREFULLY)

Line No.	Type of Fuel and Use	States of Destination (Enter STANDARD ABBREVIATIONS)		
Sold directly to consumers for		Kerosene (Report in Actual Gallons)		
1	Residential Use (Non-Farm):			
2	Commercial Use:			
3	Industrial Use:			
4	Farm Use:			
5	All Other Uses (Include own company, please specify): _____			
6	Sold to Dealers, Resellers, and Refiners:			
7	Total Kerosene (Add Lines 1 thru 6)			
Sold directly to consumers for		Distillate Fuel Oil (Report in Actual Gallons)		
Residential Use (Non-Farm):				
8	No. 1			
9	No. 2			
Commercial Use (See Reference Guide):		<i>Report sales of Low Sulfur Diesel for automobiles, trucks, buses, and school buses on line 28 On-highway Diesel Use with the exception of government vehicles which should be reported on line 12.</i>		
10	No. 1			
11	No. 2 Fuel Oil			
12	No. 2 Diesel ≤ .05% Sulfur, Low			
13	No. 2 Diesel > .05% Sulfur, High			
14	No. 4			
Industrial Use (Manufacturing and Mining):				
15	No. 1			
16	No. 2 Fuel Oil			
17	No. 2 Diesel ≤ .05% Sulfur, Low			
18	No. 2 Diesel > .05% Sulfur, High			
19	No. 4			
20	Oil Company Use (Drilling and Own Company Refining):			
21	Railroad Use:			
22	Vessel Bunkering (Shipping and Boating):			

Name of Firm Reporting	DOE ID Number	Reference Year 2005	Page _____ of _____
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PART II. TOTAL SALES DURING THE REFERENCE YEAR. (READ PAGES 2-4 OF INSTRUCTIONS CAREFULLY)

Line No.	Type of Fuel and Use	States of Destination (Enter STANDARD ABBREVIATION)		

Distillate Fuel Oil--Continued (Report in Actual Gallons)

Military Use:				
23	Diesel			
24	Other Distillate			
25	Electric Power Use (Electric utility and Nonutility power producers):			
Farm Use:				
26	Diesel			
27	Other Distillate			
28	On-highway Diesel Use:			
Off-highway Use:				
29	Construction			
30	Other (Specify e.g., Logging) _____			
31	All Other Uses (Specify): _____			
32	Sold to Dealers, Resellers, and Refiners:			
33	Total Distillate (Add Lines 8 thru 32)			

Residual Fuel Oil - Include No.5 and No. 6 (Report in Actual Gallons)

Sold directly to consumers for				
34	Commercial Use (Nonmanufacturing):			
35	Industrial Use (Manufacturing and Mining):			
36	Oil Company Use (Drilling and Own Company Refining):			
37	Railroad Use (Include Volumes on line 41):			
38	Vessel Bunkering:			
39	Military Use:			
40	Electric Power Use (Electric utility and Nonutility power producers):			
41	All Other Uses (Specify): _____			
42	Sold to Dealers, Resellers, and Refiners:			
43	Total Residual (Add Lines 34 thru 42)			

Send the completed form to: **U.S. Department of Energy**
Energy Information Administration (EIA-821)
P.O. Box 833
Merrifield, VA. 22116-0833

or telefax completed form by calling: **1(703) 676-7514, Attn: EIA-821**

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