

**Table 19. U.S. Refiner Residual Fuel Oil Prices**

(Cents per Gallon Excluding Taxes)

| Year<br>Month     | Sulfur Less Than<br>or Equal to 1 Percent |                     | Sulfur Greater Than<br>1 Percent |                     | Average               |                     |
|-------------------|---|---------------------|----------------------------------|---------------------|-----------------------|---------------------|
|                   | Sales to<br>End Users                     | Sales for<br>Resale | Sales to<br>End Users            | Sales for<br>Resale | Sales to<br>End Users | Sales for<br>Resale |
| 1978 .....        | 31.4                                      | 29.3                | 27.5                             | 24.5                | 29.8                  | 26.3                |
| 1979 .....        | 46.8                                      | 45.0                | 38.9                             | 36.6                | 43.6                  | 39.9                |
| 1980 .....        | 67.5                                      | 60.8                | 52.3                             | 47.9                | 60.7                  | 52.8                |
| 1981 .....        | 82.9                                      | 74.8                | 67.3                             | 62.2                | 75.6                  | 66.3                |
| 1982 .....        | 74.7                                      | 69.5                | 61.1                             | 57.2                | 67.6                  | 61.2                |
| 1983 .....        | 69.5                                      | 64.3                | 61.1                             | 59.1                | 65.1                  | 60.9                |
| 1984 .....        | 72.0                                      | 68.5                | 65.9                             | 63.9                | 68.7                  | 65.4                |
| 1985 .....        | 64.4                                      | 61.0                | 58.2                             | 56.0                | 61.0                  | 57.7                |
| 1986 .....        | 37.2                                      | 32.8                | 31.7                             | 28.9                | 34.3                  | 30.5                |
| 1987 .....        | 44.7                                      | 41.2                | 39.6                             | 36.2                | 42.3                  | 38.5                |
| 1988 .....        | 37.2                                      | 33.3                | 30.0                             | 27.1                | 33.4                  | 30.0                |
| 1989 .....        | 43.6                                      | 40.7                | 34.4                             | 33.1                | 38.5                  | 36.0                |
| 1990 .....        | 50.5                                      | 47.2                | 40.0                             | 37.2                | 44.4                  | 41.3                |
| 1991 .....        | 40.2                                      | 36.4                | 30.6                             | 29.2                | 34.0                  | 31.4                |
| 1992 .....        | 38.9                                      | 35.1                | 31.2                             | 28.6                | 33.6                  | 30.8                |
| 1993 .....        | 39.7                                      | 33.7                | 30.3                             | 25.6                | 33.7                  | 29.3                |
| 1994 .....        | 40.1                                      | 34.5                | 33.0                             | 28.7                | 35.2                  | 31.7                |
| 1995 .....        | 43.6                                      | 38.3                | 37.7                             | 33.8                | 39.2                  | 36.3                |
| 1996 .....        | 52.6                                      | 45.6                | 43.3                             | 38.9                | 45.5                  | 42.0                |
| 1997 .....        | 48.8                                      | 41.5                | 40.3                             | 36.6                | 42.3                  | 38.7                |
| 1998 .....        | 35.4                                      | 29.9                | 28.7                             | 26.9                | 30.5                  | 28.0                |
| 1999 .....        | 40.5                                      | 38.2                | 36.2                             | 32.9                | 37.4                  | 35.4                |
| 2000 .....        | 70.8                                      | 62.7                | 56.6                             | 51.2                | 60.2                  | 56.6                |
| 2001 .....        | 64.2                                      | 52.3                | 49.2                             | 42.8                | 53.1                  | 47.6                |
| <b>2002</b>       |   |                     |                                  |                     |                       |                     |
| January .....     | 51.8                                      | 40.4                | 41.6                             | 33.7                | 44.2                  | 38.2                |
| February .....    | 52.2                                      | 37.1                | 40.9                             | 33.7                | 43.3                  | 35.9                |
| March .....       | 53.5                                      | 46.0                | 48.3                             | 40.5                | 49.7                  | 43.7                |
| April .....       | 59.4                                      | 53.8                | 55.0                             | 48.0                | 56.0                  | 51.2                |
| May .....         | 63.5                                      | 56.3                | 56.6                             | 52.1                | 58.1                  | 54.5                |
| June .....        | 61.4                                      | 53.5                | 57.2                             | 53.3                | 58.2                  | 53.4                |
| July .....        | 63.2                                      | 55.7                | 56.8                             | 50.9                | 58.6                  | 53.7                |
| August .....      | 67.4                                      | 60.6                | 59.2                             | 55.8                | 61.4                  | 58.4                |
| September .....   | 67.8                                      | 60.1                | 62.6                             | 56.8                | 63.8                  | 58.7                |
| October .....     | 72.7                                      | 65.1                | 63.7                             | 54.5                | 65.8                  | 60.7                |
| November .....    | 73.6                                      | 59.1                | 54.8                             | 58.2                | 60.1                  | 58.7                |
| December .....    | 73.9                                      | 67.6                | 56.6                             | 59.7                | 62.0                  | 64.1                |
| <b>2002</b> ..... | <b>64.0</b>                               | <b>54.6</b>         | <b>54.4</b>                      | <b>50.8</b>         | <b>56.9</b>           | <b>53.0</b>         |
| <b>2003</b>       |   |                     |                                  |                     |                       |                     |
| January .....     | 86.6                                      | 79.7                | 71.2                             | NA                  | 75.4                  | 73.1                |
| February .....    | 97.2                                      | 94.4                | 77.1                             | 76.0                | 83.9                  | 87.3                |
| March .....       | 98.1                                      | 88.1                | 72.1                             | 62.4                | 81.1                  | 77.4                |
| April .....       | 77.3                                      | 60.3                | 59.5                             | 51.9                | 64.3                  | 56.9                |
| May .....         | 74.9                                      | 62.8                | 58.8                             | 53.2                | 61.9                  | 57.2                |
| June .....        | 71.9                                      | 62.6                | 60.0                             | 54.1                | 63.9                  | 58.0                |
| July .....        | 74.5                                      | 64.9                | 67.8                             | 58.9                | 70.1                  | 61.7                |
| August .....      | 75.4                                      | 67.2                | 67.2                             | 60.7                | 69.8                  | 63.4                |
| September .....   | 72.0                                      | 62.6                | 61.2                             | 56.1                | 64.6                  | 58.6                |
| October .....     | 70.7                                      | 65.2                | 62.8                             | 56.6                | 65.2                  | 60.1                |
| November .....    | 76.7                                      | 67.3                | 62.2                             | 58.7                | 66.7                  | 62.7                |
| December .....    | 79.3                                      | 66.7                | 60.7                             | 54.5                | 66.8                  | 62.3                |
| <b>2003</b> ..... | <b>80.4</b>                               | <b>72.8</b>         | <b>65.1</b>                      | <b>58.8</b>         | <b>69.8</b>           | <b>66.1</b>         |
| <b>2004</b>       |   |                     |                                  |                     |                       |                     |
| January .....     | 84.3                                      | 75.3                | 65.0                             | 57.6                | 71.6                  | 69.0                |
| February .....    | 80.6                                      | 76.3                | 64.1                             | 59.3                | 70.3                  | 69.7                |
| March .....       | 76.3                                      | 67.3                | 62.6                             | 57.1                | 67.5                  | 62.8                |
| April .....       | 75.7                                      | 69.7                | 64.8                             | 58.5                | 68.8                  | 64.6                |
| May .....         | 80.7                                      | 77.8                | 69.9                             | 63.2                | 73.0                  | 69.5                |
| June .....        | 80.5                                      | 77.0                | 71.6                             | 63.0                | 74.2                  | 70.1                |
| July .....        | 78.2                                      | 73.7                | 69.3                             | 60.6                | 71.7                  | 66.8                |
| August .....      | 81.8                                      | 77.4                | 70.1                             | 61.1                | 73.5                  | 68.4                |
| September .....   | 90.3                                      | 76.5                | 70.7                             | 61.8                | 77.5                  | 67.9                |
| October .....     | 91.5                                      | 89.2                | 81.0                             | 69.5                | 83.2                  | 78.6                |
| November .....    | 96.6                                      | 88.6                | 75.2                             | 59.2                | 82.5                  | 71.2                |
| December .....    | 87.2                                      | 77.6                | 66.7                             | 54.4                | 75.7                  | 62.6                |
| <b>2004</b> ..... | <b>83.5</b>                               | <b>76.4</b>         | <b>69.2</b>                      | <b>60.1</b>         | <b>73.9</b>           | <b>68.1</b>         |

NA = Not available.

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