

# Summary Statistics

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

Year Month	Domestic First Purchase Prices	Average F.O.B. <sup>a</sup> Cost of Crude Oil Imports <sup>b</sup>	Average Landed Cost of Crude Oil Imports <sup>b</sup>	Refiner Acquisition Cost of Crude Oil		
				Domestic	Imported	Composite
1978	9.00	13.29	14.35	10.61	14.57	12.46
1979	12.64	20.07	21.45	14.27	21.67	17.72
1980	21.59	32.37	33.67	24.23	33.89	28.07
1981	31.77	35.15	36.47	34.33	37.05	35.24
1982	28.52	32.02	33.18	31.22	33.55	31.87
1983	26.19	27.81	28.93	28.87	29.30	28.99
1984	25.88	27.60	28.54	28.53	28.88	28.63
1985	24.09	25.84	26.67	26.66	26.99	26.75
1986	12.51	12.52	13.49	14.82	14.00	14.55
1987	15.40	16.69	17.65	17.76	18.13	17.90
1988	12.58	13.25	14.08	14.74	14.56	14.67
1989	15.86	16.89	17.68	17.87	18.08	17.97
1990	20.03	20.37	21.13	22.59	21.76	22.22
1991	16.54	16.89	18.02	19.33	18.70	19.06
1992	15.99	16.77	17.75	18.63	18.20	18.43
1993	14.25	14.71	15.72	16.67	16.14	16.41
1994	13.19	14.18	15.18	15.67	15.51	15.59
1995	14.62	15.69	16.78	17.33	17.14	17.23
<b>1996</b>						
January	15.43	16.17	17.31	17.98	17.48	17.74
February	15.54	16.86	17.81	18.10	17.77	17.95
March	17.63	18.77	19.61	19.63	19.90	19.76
April	19.58	19.56	20.73	21.88	21.33	21.63
May	17.94	18.34	19.61	21.15	20.12	20.61
June	16.94	17.61	18.83	19.30	19.32	19.31
July	17.63	18.21	19.35	19.91	19.60	19.76
August	18.29	19.27	20.30	20.55	20.53	20.54
September	19.93	21.03	21.95	21.87	22.04	21.96
October	21.09	22.23	23.05	22.93	23.22	23.08
November	20.20	21.31	22.24	23.08	22.66	22.87
December	21.34	21.56	22.48	23.38	23.22	23.30
<b>1996</b>	<b>18.46</b>	<b>19.32</b>	<b>20.31</b>	<b>20.77</b>	<b>20.64</b>	<b>20.71</b>
<b>1997</b>						
January	21.76	21.31	22.31	24.29	23.05	23.62
February	19.38	18.99	19.98	22.47	20.92	21.65
March	17.85	17.11	18.45	20.57	19.16	19.82
April	16.64	16.20	17.52	19.01	17.85	18.36
May	17.24	16.81	17.87	19.20	18.54	18.84
June	15.90	15.99	17.12	18.45	17.38	17.87
July	15.91	16.38	17.28	18.35	17.48	17.88
August	16.21	16.68	17.78	18.59	17.96	18.23
September	16.44	16.76	17.85	18.49	17.96	18.20
October	17.68	17.26	18.51	19.73	18.88	19.26
November	16.84	16.13	17.35	19.23	18.08	18.61
December	15.06	14.21	15.70	17.92	16.16	17.00
<b>1997</b>	<b>17.24</b>	<b>16.94</b>	<b>18.11</b>	<b>19.67</b>	<b>18.59</b>	<b>19.08</b>
<b>1998</b>						
January	13.48	12.76	14.12	15.87	14.55	15.14
February	12.16	11.72	13.11	14.77	13.41	14.03
March	11.53	11.08	12.39	13.52	12.36	12.87
April	11.64	11.18	12.34	13.47	12.85	13.10
May	11.49	11.28	12.24	13.52	12.66	13.01
June	10.00	10.10	11.24	12.43	11.67	11.98
July	10.46	10.23	11.33	12.38	11.47	11.85

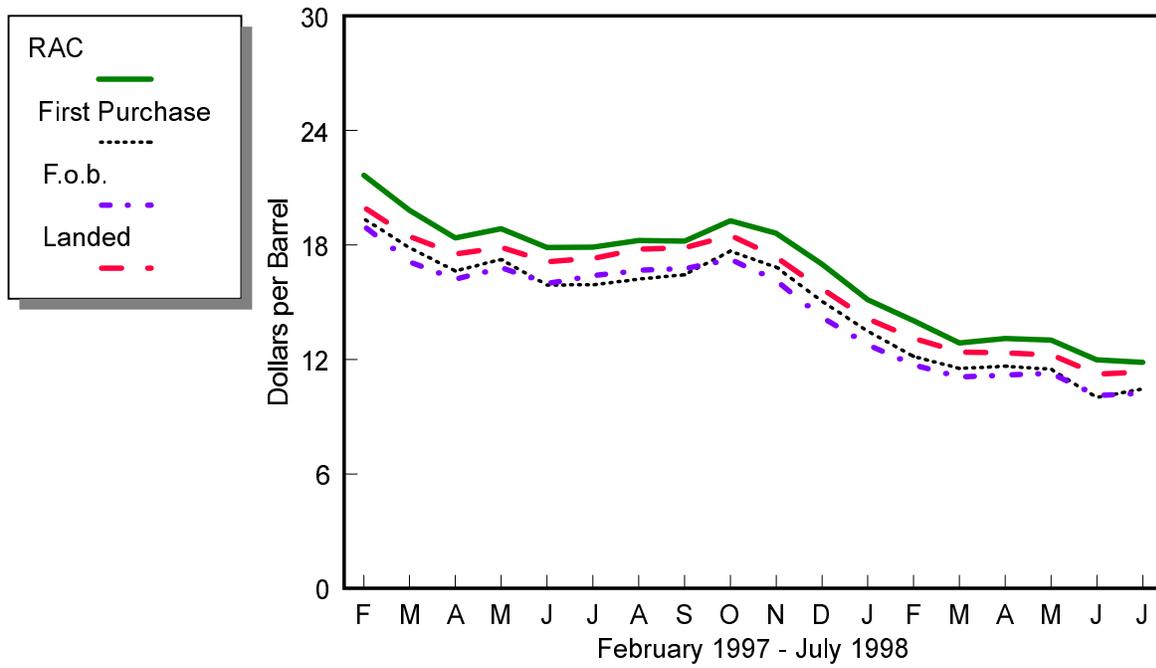
<sup>a</sup> Free on Board. See Glossary.

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

Notes: Values for Domestic First Purchase and Refiner Acquisition for the current month, and for Average F.O.B. and Average Landed for current 2 months are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Domestic first purchase prices -- See "Sources" from Table 21. Crude oil imports costs -- See "Sources" from Table 24. Refiner acquisition costs -- Energy Information Administration, Form FEA-P110-M-1, "Refiners' Monthly Cost Allocation Report," January 1978 through June 1978; Form ERA-49, "Domestic Crude Oil Entitlements Program Refiners' Monthly Report," July 1978 through December 1980; Form EIA-14, "Refiners' Monthly Cost Report," January 1981 to present.

Figure 1. Crude Oil Prices



Sources: Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report"; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report"; and Form EIA-14, "Refiners' Monthly Cost Report."

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

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel <sup>a</sup>	Residual Fuel Oil
							No. 2 Diesel Fuel	No. 2 Fuel Oil	Average		
1978	48.4	51.6	38.7	33.5	42.1	41.0	37.7	40.0	39.6	31.1	29.8
1979	71.3	68.9	54.7	35.7	58.5	57.2	58.5	51.6	55.1	47.9	43.6
1980	103.5	108.4	86.8	48.2	90.2	83.4	81.8	78.8	80.4	68.2	60.7
1981	114.7	130.3	102.4	56.5	112.3	103.9	99.5	91.4	95.8	79.7	75.6
1982	106.0	131.2	96.3	59.2	108.9	102.3	94.2	90.5	92.5	75.0	67.6
1983	95.4	125.5	87.8	70.9	96.1	96.2	82.6	91.6	83.9	76.6	65.1
1984	90.7	123.4	84.2	73.7	103.6	92.7	82.3	91.6	83.7	79.6	68.7
1985	91.2	120.1	79.6	71.7	103.0	88.0	78.9	84.9	79.9	77.3	61.0
1986	62.4	101.1	52.9	74.5	79.0	62.0	47.8	56.0	49.1	48.9	34.3
1987	66.9	90.7	54.3	70.1	77.0	60.4	55.1	58.1	55.6	51.3	42.3
1988	67.3	89.1	51.3	71.4	73.8	56.4	50.0	54.4	50.7	46.1	33.4
1989	75.6	99.5	59.2	61.5	70.9	66.1	58.5	58.7	58.5	51.2	38.5
1990	88.3	112.0	76.6	74.5	92.3	81.9	72.5	73.4	72.6	62.2	44.4
1991	79.7	104.7	65.2	73.0	83.8	74.0	64.8	66.5	65.0	58.0	34.0
1992	78.7	102.7	61.0	64.3	78.8	66.6	61.9	62.7	62.0	52.6	33.6
1993	75.9	99.0	58.0	67.3	75.4	66.6	60.2	60.2	60.2	50.1	33.7
1994	73.8	95.7	53.4	53.0	66.0	64.0	55.4	57.2	55.6	50.1	35.2
1995	76.5	100.5	54.0	49.2	58.9	62.0	56.0	56.2	56.0	50.5	39.2
<b>1996</b>											
January	74.8	101.2	61.3	63.7	71.8	65.1	59.0	63.5	59.8	60.4	47.9
February	74.9	100.6	56.9	64.2	73.4	66.6	60.0	64.1	60.8	58.5	44.9
March	79.8	105.0	59.0	63.0	69.0	71.0	64.4	66.8	64.7	61.8	44.7
April	88.1	111.4	66.0	57.0	80.5	75.9	71.9	69.9	71.6	65.1	45.1
May	92.7	114.4	63.3	49.5	68.4	73.7	69.8	64.9	69.3	63.2	43.3
June	90.3	113.5	57.7	48.5	58.5	64.4	62.2	57.5	61.7	53.8	40.8
July	87.5	113.7	60.3	50.8	64.6	65.1	62.3	59.4	62.0	50.8	41.0
August	84.9	114.4	65.1	48.6	69.5	71.0	66.4	66.1	66.4	52.5	42.0
September	84.4	114.3	71.8	51.4	76.4	77.5	72.9	72.1	72.8	58.5	44.9
October	84.4	115.0	73.6	57.7	87.1	82.3	76.9	75.1	76.7	62.1	48.5
November	86.8	115.1	71.7	71.1	88.7	79.2	75.7	75.0	75.6	63.7	49.7
December	86.0	115.3	74.0	87.5	90.7	77.7	74.4	75.1	74.5	65.9	49.9
<b>1996</b>	<b>84.7</b>	<b>111.6</b>	<b>65.1</b>	<b>60.5</b>	<b>74.0</b>	<b>72.6</b>	<b>68.1</b>	<b>67.3</b>	<b>68.0</b>	<b>60.3</b>	<b>45.5</b>
<b>1997</b>											
January	86.6	113.7	74.4	86.6	88.7	77.5	73.0	75.5	73.3	65.8	49.2
February	86.1	114.9	71.7	66.8	84.8	76.0	71.1	72.5	71.3	59.6	45.0
March	84.3	113.8	61.9	57.3	NA	68.8	65.8	66.4	65.8	54.6	40.3
April	83.9	114.7	60.3	49.7	69.8	66.3	64.8	63.8	64.7	55.9	39.7
May	84.5	115.7	58.8	46.5	68.4	64.2	63.8	62.9	63.7	53.4	40.3
June	83.3	114.6	57.6	46.1	64.3	62.8	60.7	59.2	60.5	52.8	40.1
July	81.5	112.5	56.7	47.5	63.1	58.6	59.4	57.3	59.1	50.3	39.6
August	86.8	114.6	59.1	50.5	64.9	61.8	61.8	59.0	61.5	51.6	40.7
September	87.2	115.6	58.2	48.4	63.4	61.1	60.7	58.4	60.4	51.1	41.4
October	84.3	113.9	61.5	52.3	72.8	66.8	64.5	63.2	64.3	55.5	43.9
November	81.6	113.0	61.2	52.2	77.9	70.1	65.2	64.2	65.0	58.2	45.7
December	77.8	107.7	56.3	51.8	75.1	63.8	60.1	59.7	60.1	56.1	40.2
<b>1997</b>	<b>83.9</b>	<b>113.8</b>	<b>61.2</b>	<b>55.2</b>	<b>74.4</b>	<b>68.5</b>	<b>64.2</b>	<b>63.6</b>	<b>64.1</b>	<b>56.5</b>	<b>42.3</b>
<b>1998</b>											
January	73.3	104.3	52.3	48.4	72.3	58.5	54.9	54.1	54.8	50.9	35.3
February	69.0	101.1	49.9	44.7	68.2	57.7	53.3	53.8	53.3	48.7	32.7
March	65.6	98.2	45.3	43.8	65.3	56.0	50.8	53.9	51.1	46.0	28.6
April	67.4	98.6	46.6	41.5	56.7	56.3	52.2	53.0	52.3	43.8	31.7
May	71.0	99.9	46.7	36.2	56.0	53.0	51.9	48.5	51.4	43.6	31.8
June	70.4	99.0	42.8	34.1	46.1	NA	48.7	45.8	48.3	40.8	31.3
July	69.5	98.4	43.5	34.9	47.8	NA	47.5	44.8	47.2	38.4	31.5

NA = Not available.

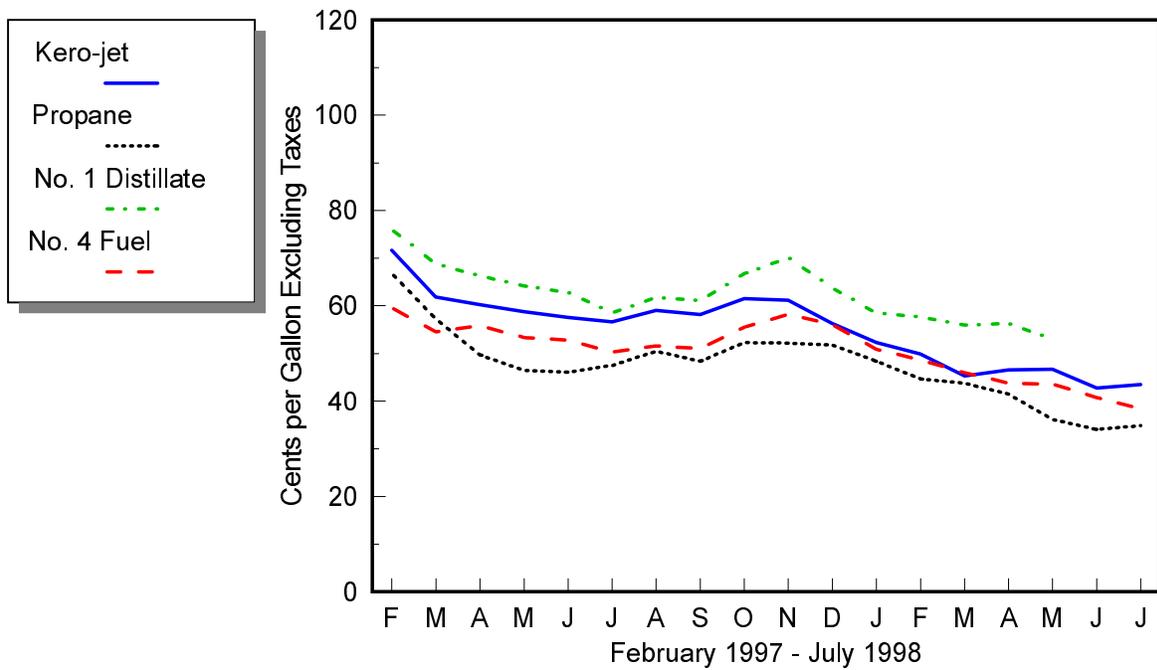
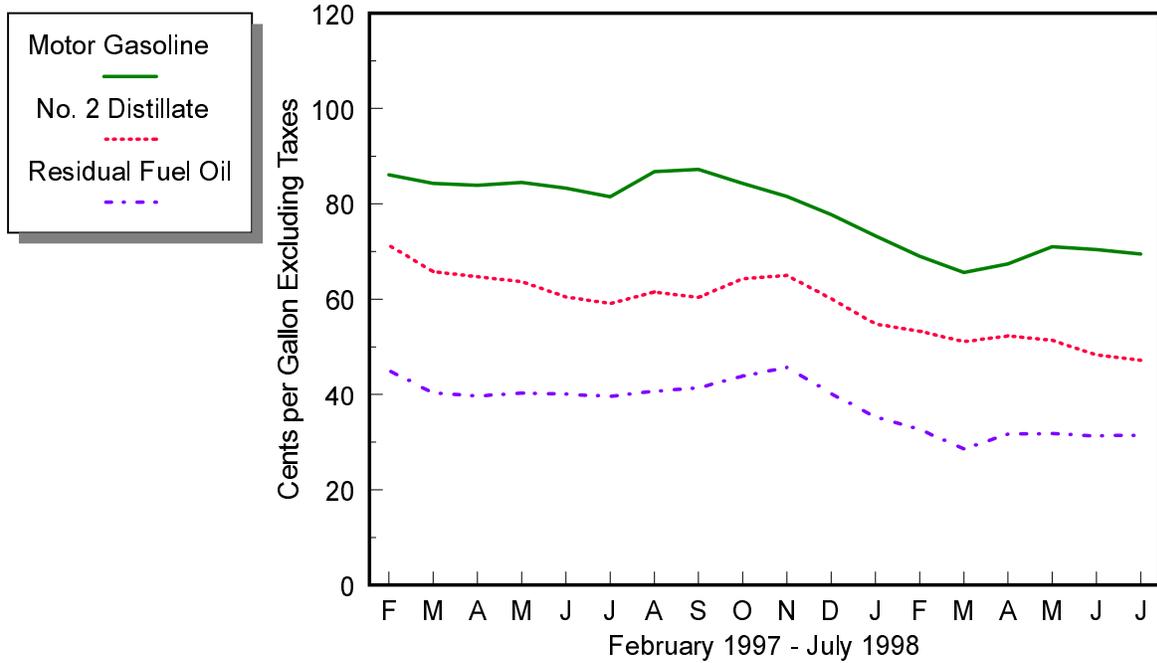
<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

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

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

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

Figure 2. U.S. Refiner Retail Petroleum Product Prices



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

**Table 3. U.S. Refiner Volumes of Petroleum Products to End Users**  
(Million Gallons per Day)

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel <sup>a</sup>	Residual Fuel Oil
							No. 2 Diesel Fuel	No. 2 Fuel Oil	Total		
<b>1983</b> .....	<b>51.1</b>	<b>0.4</b>	<b>30.8</b>	<b>3.1</b>	<b>0.2</b>	<b>0.5</b>	<b>23.3</b>	<b>3.7</b>	<b>27.0</b>	<b>0.7</b>	<b>28.3</b>
<b>1984</b> .....	<b>57.6</b>	<b>0.3</b>	<b>32.9</b>	<b>3.3</b>	<b>0.3</b>	<b>0.5</b>	<b>26.3</b>	<b>4.9</b>	<b>31.2</b>	<b>0.7</b>	<b>32.9</b>
<b>1985</b> .....	<b>57.5</b>	<b>0.3</b>	<b>34.6</b>	<b>3.7</b>	<b>0.3</b>	<b>0.5</b>	<b>25.0</b>	<b>5.0</b>	<b>29.9</b>	<b>0.5</b>	<b>25.2</b>
<b>1986</b> .....	<b>61.2</b>	<b>0.3</b>	<b>35.1</b>	<b>3.4</b>	<b>0.3</b>	<b>0.4</b>	<b>24.4</b>	<b>4.4</b>	<b>28.8</b>	<b>0.7</b>	<b>31.6</b>
<b>1987</b> .....	<b>61.0</b>	<b>0.2</b>	<b>36.8</b>	<b>3.8</b>	<b>0.3</b>	<b>0.4</b>	<b>24.1</b>	<b>4.5</b>	<b>28.5</b>	<b>0.8</b>	<b>29.0</b>
<b>1988</b> .....	<b>61.0</b>	<b>0.2</b>	<b>38.2</b>	<b>4.3</b>	<b>0.3</b>	<b>0.4</b>	<b>24.5</b>	<b>4.6</b>	<b>29.1</b>	<b>1.1</b>	<b>30.2</b>
<b>1989</b> .....	<b>61.2</b>	<b>0.2</b>	<b>40.1</b>	<b>2.8</b>	<b>0.3</b>	<b>0.5</b>	<b>24.3</b>	<b>4.5</b>	<b>28.8</b>	<b>0.9</b>	<b>30.4</b>
<b>1990</b> .....	<b>60.3</b>	<b>0.2</b>	<b>39.9</b>	<b>2.7</b>	<b>0.2</b>	<b>0.5</b>	<b>22.2</b>	<b>3.6</b>	<b>25.9</b>	<b>0.8</b>	<b>25.9</b>
<b>1991</b> .....	<b>61.2</b>	<b>0.2</b>	<b>38.5</b>	<b>3.1</b>	<b>0.2</b>	<b>0.5</b>	<b>21.1</b>	<b>3.2</b>	<b>24.4</b>	<b>0.7</b>	<b>24.0</b>
<b>1992</b> .....	<b>59.0</b>	<b>0.2</b>	<b>39.8</b>	<b>3.8</b>	<b>0.2</b>	<b>0.5</b>	<b>21.5</b>	<b>3.1</b>	<b>24.6</b>	<b>0.6</b>	<b>22.4</b>
<b>1993</b> .....	<b>57.2</b>	<b>0.2</b>	<b>41.7</b>	<b>3.5</b>	<b>0.2</b>	<b>0.4</b>	<b>20.8</b>	<b>2.9</b>	<b>23.8</b>	<b>0.6</b>	<b>17.2</b>
<b>1994</b> .....	<b>55.0</b>	<b>0.2</b>	<b>45.2</b>	<b>2.2</b>	<b>0.4</b>	<b>0.4</b>	<b>21.3</b>	<b>3.4</b>	<b>24.6</b>	<b>0.8</b>	<b>13.5</b>
<b>1995</b> .....	<b>55.9</b>	<b>0.2</b>	<b>45.7</b>	<b>3.2</b>	<b>0.6</b>	<b>0.3</b>	<b>21.6</b>	<b>3.3</b>	<b>24.9</b>	<b>0.5</b>	<b>11.6</b>
<b>1996</b>											
January .....	53.0	0.1	46.5	3.3	0.8	0.6	20.2	4.4	24.5	0.9	14.4
February .....	54.6	0.2	46.8	4.0	0.7	0.6	21.8	4.7	26.5	0.9	15.0
March .....	56.4	0.2	47.8	2.9	0.7	0.3	21.2	3.3	24.6	0.5	12.7
April .....	57.2	0.2	48.1	2.7	0.3	0.2	22.6	3.1	25.7	0.4	11.8
May .....	57.8	0.2	49.0	2.6	0.3	0.1	22.9	2.8	25.7	0.3	10.7
June .....	59.2	0.2	50.1	2.2	0.4	0.2	22.0	2.7	24.7	0.3	11.3
July .....	58.9	0.2	50.3	2.1	0.2	0.1	21.7	2.4	24.1	0.3	11.7
August .....	59.7	0.2	50.3	2.3	0.2	0.2	22.1	2.6	24.7	0.2	12.3
September .....	57.8	0.2	50.6	4.1	0.3	0.2	21.4	2.6	24.0	0.2	10.9
October .....	58.5	0.2	48.0	3.9	0.3	0.3	23.1	2.7	25.8	0.3	13.5
November .....	58.1	0.1	48.1	3.3	0.3	0.5	22.8	3.1	25.9	0.4	14.3
December .....	59.2	0.1	49.3	3.4	0.3	0.8	21.2	3.0	24.2	0.5	15.7
<b>1996</b> .....	<b>57.5</b>	<b>0.2</b>	<b>48.7</b>	<b>3.1</b>	<b>0.4</b>	<b>0.3</b>	<b>21.9</b>	<b>3.1</b>	<b>25.0</b>	<b>0.4</b>	<b>12.9</b>
<b>1997</b>											
January .....	54.8	0.1	45.6	3.2	0.5	0.6	21.8	3.5	25.4	0.6	15.0
February .....	58.0	0.1	47.6	3.7	0.4	0.6	22.3	2.8	25.1	0.4	15.1
March .....	59.3	0.2	48.0	3.3	0.4	0.3	22.2	2.6	24.8	0.3	13.8
April .....	58.9	0.2	49.0	3.4	0.3	0.2	23.6	2.9	26.5	0.2	11.3
May .....	58.2	0.2	49.2	2.9	0.3	0.2	22.8	2.7	25.5	0.2	10.9
June .....	60.0	0.2	51.4	2.3	0.2	0.2	21.9	2.5	24.4	0.2	12.4
July .....	65.4	0.2	51.6	2.1	0.1	0.2	21.7	3.0	24.7	0.3	13.7
August .....	64.9	0.2	51.8	2.3	0.2	0.2	20.9	3.0	23.9	0.2	12.3
September .....	63.8	0.2	51.1	3.1	0.3	0.2	23.2	2.9	26.1	0.2	12.9
October .....	64.5	0.2	49.7	3.5	0.2	0.3	23.1	3.1	26.2	0.3	15.4
November .....	62.3	0.1	48.6	3.8	0.3	0.4	20.5	3.1	23.7	0.4	14.4
December .....	66.0	0.1	50.2	4.4	0.3	0.6	20.9	3.5	24.4	0.4	17.5
<b>1997</b> .....	<b>61.4</b>	<b>0.2</b>	<b>49.5</b>	<b>3.2</b>	<b>0.3</b>	<b>0.3</b>	<b>22.1</b>	<b>3.0</b>	<b>25.1</b>	<b>0.3</b>	<b>13.7</b>
<b>1998</b>											
January .....	59.9	0.1	47.2	4.6	0.3	0.7	20.4	3.4	23.8	0.4	15.5
February .....	62.3	0.1	47.9	4.9	0.3	0.6	21.1	3.0	24.1	0.4	13.5
March .....	64.3	0.1	47.6	4.1	0.3	0.4	22.3	2.6	24.9	0.4	15.5
April .....	64.7	0.2	48.6	3.0	0.2	0.3	21.3	2.4	23.6	0.3	14.4
May .....	65.6	0.2	49.4	2.3	0.1	0.3	20.5	3.2	23.7	0.3	13.2
June .....	66.8	0.2	51.3	2.2	0.3	NA	22.6	3.8	26.5	0.3	13.8
July .....	67.6	0.2	50.4	2.0	0.2	NA	22.7	3.1	25.8	0.4	17.4

NA = Not available.

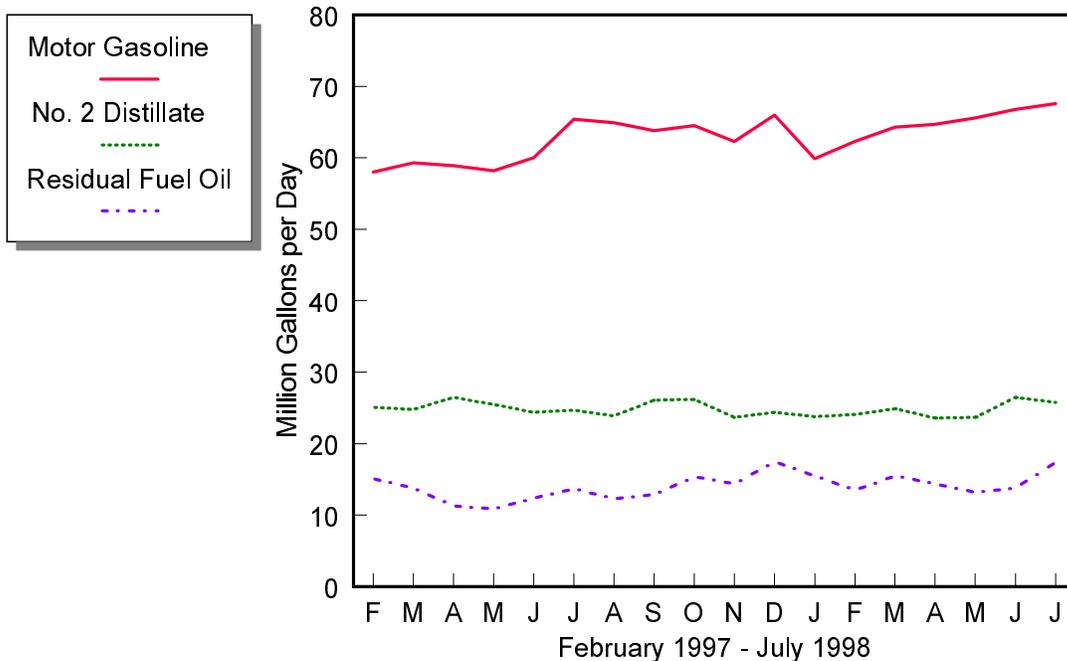
<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

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

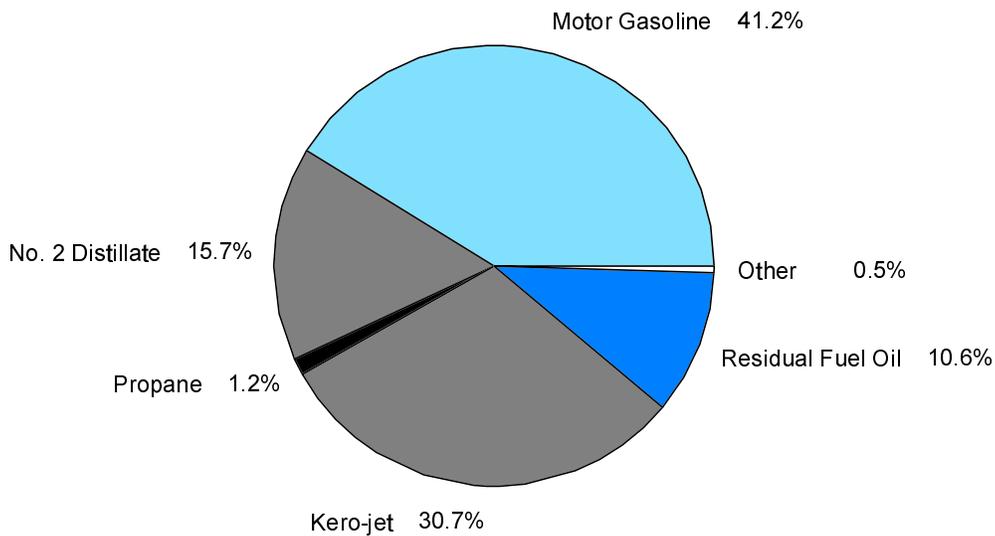
Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*. Totals may not equal the sum of the components due to rounding.

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

Figure 3. U.S. Refiner Retail Petroleum Product Volumes



Percentages of Refiner Retail Volumes



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

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

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel <sup>a</sup>	Residual Fuel Oil
							No. 2 Diesel Fuel	No. 2 Fuel Oil	Average		
1978	43.4	53.7	38.6	23.7	40.4	40.6	36.5	36.9	36.7	30.5	26.3
1979	63.7	72.1	66.0	29.1	62.4	58.3	57.4	56.9	57.1	47.0	39.9
1980	94.1	112.8	86.8	41.5	86.4	88.0	80.1	80.3	80.2	67.0	52.8
1981	106.4	125.0	101.2	46.6	106.6	107.1	97.2	97.6	97.4	78.3	66.3
1982	97.3	122.8	95.3	42.7	101.8	103.8	91.4	91.4	91.4	73.7	61.2
1983	88.2	117.8	85.4	48.4	89.2	89.6	80.8	81.5	81.2	72.6	60.9
1984	83.2	116.5	83.0	45.0	91.6	89.2	80.3	82.1	81.3	70.7	65.4
1985	83.5	113.0	79.4	39.8	87.4	86.3	77.2	77.6	77.4	67.2	57.7
1986	53.1	91.2	49.5	29.0	60.6	57.9	45.2	48.6	47.0	40.9	30.5
1987	58.9	85.9	53.8	25.2	59.2	59.9	53.4	52.7	53.1	46.2	38.5
1988	57.7	85.0	49.5	24.0	54.9	54.9	47.3	47.3	47.3	42.5	30.0
1989	65.4	95.0	58.3	24.7	66.9	66.8	56.7	56.5	56.6	48.0	36.0
1990	78.6	106.3	77.3	38.6	83.9	83.8	69.4	69.7	69.5	59.0	41.3
1991	69.9	100.1	65.0	34.9	72.3	73.0	61.5	62.2	61.8	55.6	31.4
1992	67.7	99.1	60.5	32.8	63.2	65.2	59.1	57.9	58.5	49.5	30.8
1993	62.6	96.5	57.7	35.1	60.4	64.6	57.0	54.4	55.9	48.8	29.3
1994	59.9	93.3	53.4	32.4	61.8	61.5	52.9	50.6	52.2	46.2	31.7
1995	62.6	97.5	53.9	34.4	58.0	62.5	53.8	51.1	53.0	46.3	36.3
<b>1996</b>											
January	61.0	94.7	60.3	41.6	65.8	65.0	56.2	56.8	56.4	60.3	45.2
February	61.6	96.5	57.3	44.2	65.7	66.6	57.9	58.9	58.2	58.2	40.1
March	67.9	100.6	59.6	41.1	68.0	70.5	61.9	62.8	62.2	59.1	42.0
April	76.1	107.5	65.3	37.8	75.1	78.2	70.1	67.5	69.4	61.6	43.7
May	78.0	110.0	62.2	36.2	66.1	79.2	66.8	61.1	65.5	57.8	41.0
June	73.0	107.0	57.5	36.2	59.8	69.3	59.1	53.7	57.8	54.3	37.4
July	72.3	105.3	59.6	36.9	61.7	69.8	60.0	57.1	59.4	51.8	38.9
August	71.1	107.1	64.5	38.9	66.6	76.7	64.9	62.1	64.3	54.7	39.0
September	71.6	106.8	71.6	45.2	75.6	83.3	71.7	68.7	71.0	57.2	41.2
October	72.8	107.1	73.6	51.1	80.7	85.7	75.4	72.7	74.7	63.9	45.0
November	74.5	108.4	72.2	57.9	79.7	84.0	73.3	71.4	72.7	65.7	46.3
December	73.1	107.1	73.0	67.7	79.0	80.0	71.0	71.2	71.1	65.7	46.0
1996	71.3	105.5	64.6	46.1	71.4	75.1	65.9	63.9	65.3	60.3	42.0
<b>1997</b>											
January	74.8	109.0	73.5	59.9	77.7	78.9	69.9	69.8	69.8	63.8	42.9
February	73.1	108.7	71.4	44.7	73.4	77.0	67.8	64.5	66.6	58.8	39.4
March	71.5	107.9	61.8	41.3	63.2	72.7	62.5	57.7	61.1	53.7	35.8
April	70.4	108.5	60.5	37.7	62.1	70.6	61.7	58.6	61.0	49.7	36.1
May	71.1	108.2	59.4	36.9	61.1	69.7	60.7	58.8	60.3	52.9	35.8
June	68.3	105.9	58.1	36.4	57.1	66.5	56.5	54.5	56.1	47.0	36.7
July	67.5	104.9	56.8	35.9	56.2	63.6	55.8	53.8	55.4	46.0	36.6
August	75.0	108.9	59.4	37.5	60.5	67.3	58.9	55.3	58.1	52.6	38.3
September	72.3	108.9	58.8	39.5	60.1	67.2	57.8	54.3	57.0	54.1	38.7
October	68.6	104.5	61.3	41.1	63.8	72.0	61.7	59.0	61.2	56.8	42.0
November	65.9	102.1	61.3	39.6	62.6	71.0	61.5	58.4	60.7	57.3	43.5
December	61.7	99.8	55.6	37.5	57.8	64.1	55.0	53.4	54.6	49.0	35.6
1997	70.0	106.6	61.2	41.6	65.1	72.1	60.6	58.9	60.2	55.1	38.7
<b>1998</b>											
January	57.6	96.2	53.4	35.4	52.8	57.1	49.6	48.9	49.4	45.9	31.1
February	55.1	92.0	50.2	33.1	51.6	56.4	48.3	47.7	48.1	43.6	28.2
March	52.3	90.4	45.7	31.2	47.6	54.3	45.8	44.9	45.6	37.5	26.4
April	54.9	90.9	46.6	30.3	46.3	57.6	48.2	44.9	47.4	41.7	30.3
May	57.9	94.0	46.9	29.3	45.8	56.4	47.0	43.4	46.1	40.3	29.4
June	55.6	93.7	43.5	26.6	42.9	52.0	43.6	39.9	42.9	36.5	27.9
July	54.3	93.6	43.5	25.6	41.9	50.2	42.6	38.7	41.9	37.5	29.6

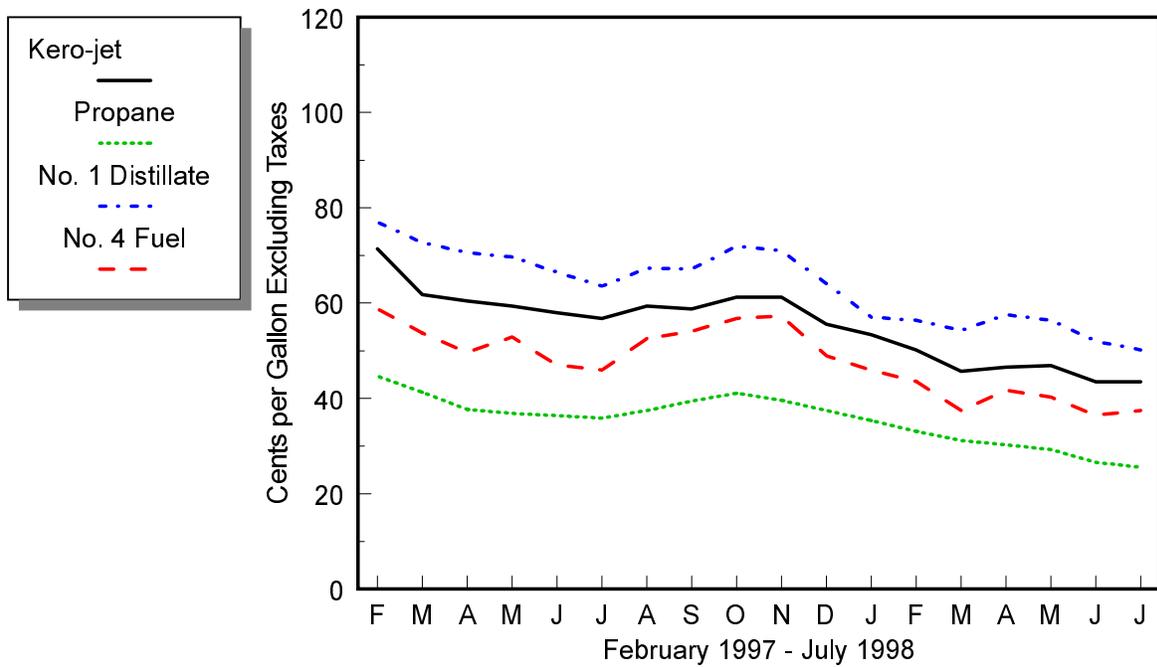
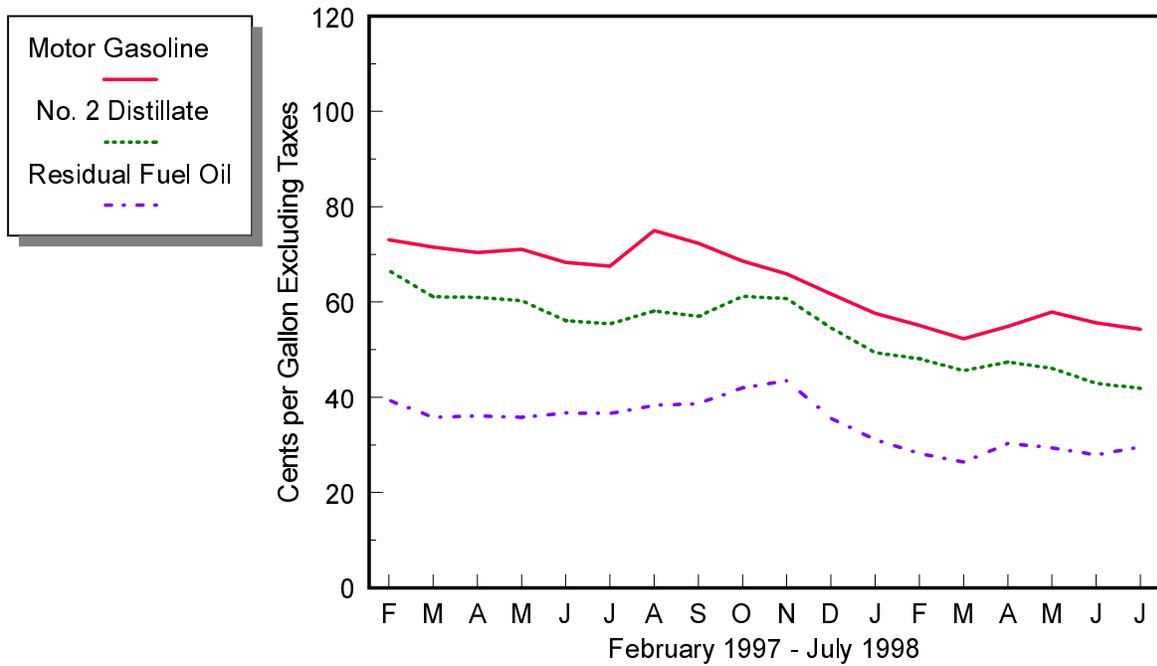
<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

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

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

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

Figure 4. U.S. Refiner Wholesale Petroleum Product Prices



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

**Table 5. U.S. Refiner Volumes of Petroleum Products for Resale**  
(Million Gallons per Day)

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel <sup>a</sup>	Residual Fuel Oil
							No. 2 Diesel Fuel	No. 2 Fuel Oil	Total		
<b>1983</b> .....	<b>242.5</b>	<b>0.7</b>	<b>5.4</b>	<b>26.0</b>	<b>2.5</b>	<b>2.4</b>	<b>38.1</b>	<b>47.3</b>	<b>85.5</b>	<b>0.9</b>	<b>20.2</b>
<b>1984</b> .....	<b>246.3</b>	<b>0.8</b>	<b>6.6</b>	<b>26.7</b>	<b>2.2</b>	<b>2.6</b>	<b>42.8</b>	<b>51.4</b>	<b>94.2</b>	<b>1.7</b>	<b>21.3</b>
<b>1985</b> .....	<b>256.9</b>	<b>0.7</b>	<b>7.6</b>	<b>29.2</b>	<b>2.4</b>	<b>2.7</b>	<b>43.3</b>	<b>53.9</b>	<b>97.3</b>	<b>1.2</b>	<b>19.9</b>
<b>1986</b> .....	<b>257.2</b>	<b>0.7</b>	<b>9.2</b>	<b>26.3</b>	<b>2.4</b>	<b>2.5</b>	<b>46.4</b>	<b>53.8</b>	<b>100.3</b>	<b>1.2</b>	<b>18.6</b>
<b>1987</b> .....	<b>257.2</b>	<b>0.8</b>	<b>10.1</b>	<b>27.0</b>	<b>2.3</b>	<b>2.0</b>	<b>44.3</b>	<b>49.3</b>	<b>93.6</b>	<b>1.5</b>	<b>16.9</b>
<b>1988</b> .....	<b>263.7</b>	<b>0.7</b>	<b>10.0</b>	<b>27.7</b>	<b>2.7</b>	<b>2.6</b>	<b>47.8</b>	<b>50.1</b>	<b>97.9</b>	<b>1.2</b>	<b>18.9</b>
<b>1989</b> .....	<b>260.7</b>	<b>0.7</b>	<b>8.6</b>	<b>25.9</b>	<b>2.7</b>	<b>2.7</b>	<b>50.7</b>	<b>46.7</b>	<b>97.5</b>	<b>1.2</b>	<b>21.0</b>
<b>1990</b> .....	<b>264.8</b>	<b>0.7</b>	<b>8.8</b>	<b>25.5</b>	<b>2.2</b>	<b>2.4</b>	<b>51.9</b>	<b>45.9</b>	<b>97.8</b>	<b>0.8</b>	<b>17.9</b>
<b>1991</b> .....	<b>261.3</b>	<b>0.7</b>	<b>8.7</b>	<b>25.4</b>	<b>2.1</b>	<b>2.4</b>	<b>51.5</b>	<b>46.9</b>	<b>98.3</b>	<b>0.4</b>	<b>17.8</b>
<b>1992</b> .....	<b>265.4</b>	<b>0.7</b>	<b>8.0</b>	<b>26.7</b>	<b>2.2</b>	<b>2.3</b>	<b>50.8</b>	<b>48.9</b>	<b>99.7</b>	<b>0.4</b>	<b>15.2</b>
<b>1993</b> .....	<b>266.9</b>	<b>0.6</b>	<b>8.3</b>	<b>27.9</b>	<b>2.3</b>	<b>2.3</b>	<b>58.0</b>	<b>43.6</b>	<b>101.7</b>	<b>0.4</b>	<b>12.6</b>
<b>1994</b> .....	<b>276.7</b>	<b>0.7</b>	<b>9.1</b>	<b>28.4</b>	<b>2.5</b>	<b>1.9</b>	<b>72.4</b>	<b>32.9</b>	<b>105.3</b>	<b>0.4</b>	<b>12.8</b>
<b>1995</b> .....	<b>288.8</b>	<b>0.6</b>	<b>9.9</b>	<b>30.6</b>	<b>2.4</b>	<b>1.7</b>	<b>75.9</b>	<b>31.0</b>	<b>106.9</b>	<b>0.3</b>	<b>13.6</b>
<b>1996</b>											
January .....	264.5	0.4	12.7	44.2	6.2	4.3	72.7	46.4	119.1	0.5	16.7
February .....	283.4	0.5	13.2	40.8	5.9	3.5	78.3	45.4	123.7	0.5	15.0
March .....	280.3	0.5	11.8	32.1	3.1	1.3	82.4	37.0	119.4	0.5	16.7
April .....	299.7	0.6	12.4	27.3	1.4	0.4	89.1	31.2	120.3	0.3	13.5
May .....	301.4	0.7	11.2	22.2	0.9	0.2	85.6	24.9	110.5	0.2	12.7
June .....	306.8	0.7	10.0	23.1	0.6	0.3	83.8	25.9	109.6	0.1	14.1
July .....	310.4	0.8	11.1	25.0	0.7	0.3	86.6	22.8	109.4	0.2	14.1
August .....	306.9	0.9	11.7	30.2	1.1	0.4	87.4	23.9	111.3	0.1	15.6
September .....	286.4	0.7	10.0	30.4	2.0	0.9	85.2	26.8	112.0	0.2	11.8
October .....	293.7	0.6	11.2	35.3	2.9	1.9	92.2	33.1	125.2	0.2	11.2
November .....	292.6	0.5	10.3	41.0	3.4	3.6	80.7	38.3	119.1	0.3	11.3
December .....	297.0	0.4	12.8	43.2	4.1	4.1	79.8	42.3	122.1	0.5	12.3
<b>1996</b> .....	<b>293.6</b>	<b>0.6</b>	<b>11.5</b>	<b>32.9</b>	<b>2.7</b>	<b>1.8</b>	<b>83.7</b>	<b>33.1</b>	<b>116.8</b>	<b>0.3</b>	<b>13.8</b>
<b>1997</b>											
January .....	275.8	0.4	11.1	44.6	5.3	4.4	81.6	46.3	127.8	0.5	13.8
February .....	288.4	0.5	10.0	38.4	3.4	2.7	79.4	42.3	121.7	0.4	13.5
March .....	289.8	0.5	10.3	28.1	2.0	1.1	85.0	35.7	120.7	0.3	9.5
April .....	293.1	0.6	9.7	25.8	1.3	0.4	91.1	29.9	121.0	0.3	10.5
May .....	300.3	0.7	10.2	24.8	1.0	0.3	90.4	26.1	116.4	0.1	8.0
June .....	296.9	0.8	11.2	24.4	0.8	0.4	94.0	28.0	122.0	0.2	10.9
July .....	306.7	0.8	11.3	26.5	1.4	0.4	92.3	23.9	116.1	0.1	11.1
August .....	304.0	0.8	12.0	28.7	1.2	0.4	87.5	25.0	112.5	0.2	12.3
September .....	290.8	0.7	10.6	32.4	1.9	0.9	94.5	27.0	121.5	0.1	11.8
October .....	299.6	0.6	11.0	34.7	2.6	1.6	100.7	26.4	127.1	0.1	12.7
November .....	286.2	0.5	14.1	35.8	4.0	3.1	85.8	27.6	113.5	0.1	11.8
December .....	298.4	0.5	14.3	42.5	4.9	3.2	90.1	35.4	125.6	0.3	12.9
<b>1997</b> .....	<b>294.3</b>	<b>0.6</b>	<b>11.3</b>	<b>32.2</b>	<b>2.5</b>	<b>1.6</b>	<b>89.4</b>	<b>31.1</b>	<b>120.5</b>	<b>0.2</b>	<b>11.6</b>
<b>1998</b>											
January .....	279.7	0.4	11.4	38.8	4.4	3.1	84.6	34.3	119.0	0.2	14.0
February .....	285.9	0.5	11.4	38.9	3.9	1.7	84.2	35.3	119.4	0.2	10.2
March .....	291.1	0.6	12.6	33.9	2.9	1.1	88.5	32.0	120.5	0.3	12.7
April .....	310.5	0.7	12.7	29.1	1.7	0.3	89.6	27.3	116.9	0.1	17.4
May .....	311.1	0.7	11.0	25.0	1.1	0.2	87.2	28.6	115.8	0.1	14.5
June .....	323.9	0.8	13.2	28.8	1.3	0.3	101.8	23.5	125.3	0.1	18.2
July .....	323.2	0.9	13.3	27.0	1.1	0.3	100.6	21.6	122.2	0.0	19.2

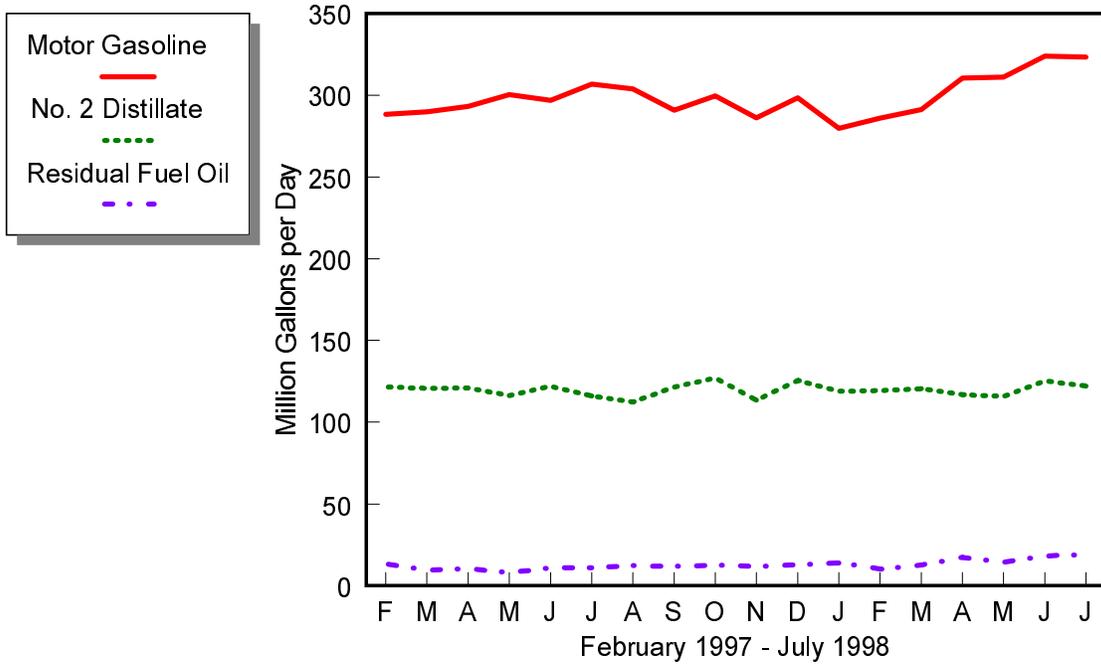
<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

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

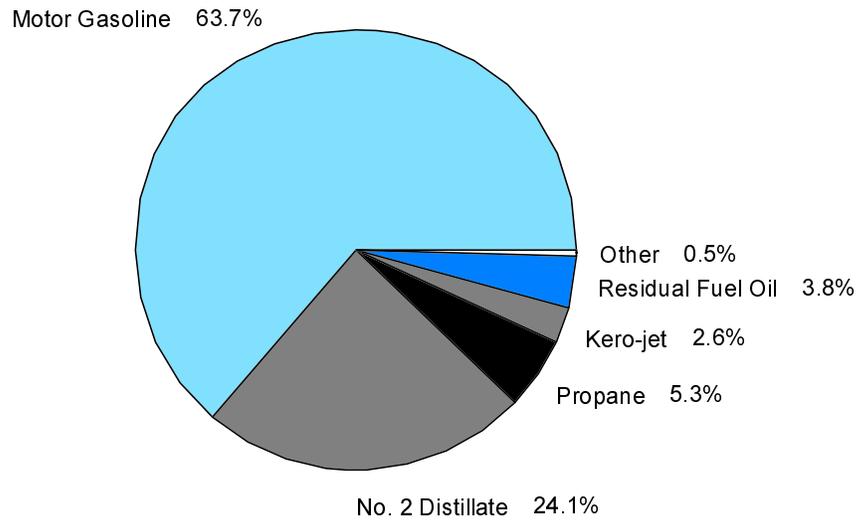
Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

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

Figure 5. U.S. Refiner Wholesale Petroleum Product Volumes



Percentages of Refiner Wholesale Volumes



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

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

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
1983 .....	98.0	97.0	-	-	-	89.5	-	-	-	-	-	-
1984 .....	92.2	91.4	-	-	-	84.2	-	-	-	-	-	-
1985 .....	92.5	91.7	-	-	-	84.3	-	-	-	-	-	-
1986 .....	62.4	61.6	-	-	-	52.2	-	-	-	-	-	-
1987 .....	65.9	65.0	-	-	-	56.9	-	-	-	-	-	-
1988 .....	64.9	64.1	-	-	-	54.8	-	-	-	-	-	-
1989 .....	72.0	71.4	-	-	-	61.8	79.6	79.3	-	-	-	68.6
1990 .....	85.3	84.9	-	-	-	75.8	92.3	92.1	-	-	-	81.4
1991 .....	76.4	76.1	-	-	-	67.2	84.7	84.3	-	-	-	73.3
1992 .....	74.6	74.3	-	-	-	64.5	83.1	82.7	-	-	-	70.8
1993 .....	71.6	71.2	-	-	-	59.3	81.0	80.5	-	-	-	66.0
1994 .....	69.5	68.9	64.6	54.7	50.2	56.6	79.1	78.5	70.4	58.4	NA	63.8
1995 .....	72.3	71.7	68.2	57.6	53.4	59.3	81.3	80.8	73.7	61.9	NA	67.0
<b>1996</b>												
January .....	70.5	69.9	66.3	55.9	52.2	57.7	79.6	79.1	71.7	60.3	-	65.4
February .....	70.5	70.0	66.4	57.0	53.0	58.4	79.8	79.3	72.2	61.1	-	66.1
March .....	75.8	75.3	70.9	64.0	59.3	64.9	84.7	84.3	77.0	67.9	W	72.0
April .....	84.5	83.9	81.0	72.4	66.6	73.2	93.7	93.2	87.0	76.9	-	81.3
May .....	89.3	88.8	88.0	72.7	68.0	75.2	99.1	98.6	93.7	77.0	-	84.2
June .....	86.9	86.3	85.2	67.4	61.6	70.0	96.5	95.9	91.0	70.6	-	79.4
July .....	83.9	83.4	81.9	67.3	62.0	69.4	93.4	93.0	87.6	71.2	-	78.1
August .....	81.2	80.7	78.0	66.7	61.5	68.3	90.6	90.2	83.7	70.5	NA	76.1
September .....	80.8	80.4	76.4	67.7	62.4	68.8	89.8	89.4	82.1	71.5	W	76.1
October .....	80.9	80.4	75.7	69.7	63.4	70.1	90.1	89.7	81.5	73.7	W	77.1
November .....	83.4	82.9	75.7	72.1	65.7	71.9	92.2	91.7	81.3	75.6	W	78.1
December .....	82.5	82.0	75.4	70.1	65.7	70.4	91.6	91.2	81.3	74.4	NA	77.4
1996 .....	81.2	80.7	77.0	67.2	62.2	68.5	90.1	89.6	82.4	70.9	NA	75.9
<b>1997</b>												
January .....	83.1	82.6	77.2	71.7	68.1	72.3	92.4	92.0	82.6	75.7	W	78.8
February .....	82.7	82.1	77.7	69.2	66.0	70.5	92.0	91.6	83.0	73.1	W	77.5
March .....	80.8	80.3	77.0	66.9	64.9	68.8	90.3	89.9	82.4	71.0	NA	76.1
April .....	80.3	79.7	77.7	65.5	62.4	67.7	89.9	89.6	82.9	69.6	W	75.4
May .....	81.0	80.5	76.5	67.6	61.8	68.5	90.3	89.9	82.3	70.8	NA	75.7
June .....	79.7	79.2	74.9	63.9	58.8	65.5	89.1	88.7	80.8	67.2	W	72.9
July .....	77.9	77.4	72.3	63.9	57.9	64.8	87.4	86.9	78.4	67.5	W	72.0
August .....	83.2	82.8	79.2	71.5	66.1	72.3	92.6	92.3	85.4	75.3	W	79.5
September .....	83.6	83.1	81.2	67.2	63.5	69.5	93.2	92.8	87.4	71.0	W	77.9
October .....	80.9	80.3	78.2	63.3	59.8	65.8	90.5	90.1	84.1	67.3	W	74.2
November .....	78.1	77.6	75.1	60.6	56.0	63.1	87.7	87.4	80.9	64.6	W	71.5
December .....	74.1	73.5	70.7	56.3	53.3	58.9	83.9	83.6	76.7	60.6	W	67.3
1997 .....	80.4	79.8	76.4	65.6	61.6	67.3	89.8	89.5	82.2	69.4	71.1	74.9
<b>1998</b>												
January .....	69.7	69.2	66.0	52.2	50.4	54.8	78.6	78.2	72.1	56.6	W	63.2
February .....	65.2	64.8	60.4	50.9	48.3	52.5	74.8	74.5	66.3	54.8	W	59.7
March .....	61.7	61.4	55.9	48.4	46.0	49.7	71.2	70.9	62.1	52.3	W	56.4
April .....	63.6	63.3	58.1	51.6	48.5	52.4	73.0	72.7	64.2	55.6	W	59.2
May .....	67.3	67.0	63.1	54.3	49.7	55.3	76.5	76.3	69.0	58.1	W	62.6
June .....	66.7	66.3	62.0	51.6	46.9	52.9	76.2	75.9	68.1	55.4	W	60.6
July .....	65.6	65.2	60.4	50.2	45.5	51.5	75.3	75.0	66.7	53.9	W	59.1

See footnotes at end of table.

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

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
1983 .....	108.0	105.7	-	-	-	96.4	96.4	95.4	-	-	-	88.2
1984 .....	102.1	101.5	-	-	-	91.6	91.4	90.7	-	-	-	83.2
1985 .....	103.0	102.3	-	-	-	92.2	92.1	91.2	-	-	-	83.5
1986 .....	74.8	73.7	-	-	-	61.0	63.2	62.4	-	-	-	53.1
1987 .....	79.0	78.4	-	-	-	67.1	67.8	66.9	-	-	-	58.9
1988 .....	79.4	78.8	-	-	-	67.2	68.1	67.3	-	-	-	57.7
1989 .....	87.4	86.8	-	-	-	74.9	76.3	75.6	-	-	-	65.4
1990 .....	99.0	98.5	-	-	-	87.4	88.8	88.3	-	-	-	78.6
1991 .....	91.2	90.7	-	-	-	79.2	80.0	79.7	-	-	-	69.9
1992 .....	92.0	91.4	-	-	-	77.4	79.2	78.7	-	-	-	67.7
1993 .....	89.6	88.9	-	-	-	72.2	76.5	75.9	-	-	-	62.6
1994 .....	87.3	86.5	78.7	64.0	55.6	69.5	74.4	73.8	69.3	56.7	50.9	59.9
1995 .....	89.7	89.0	82.2	67.3	58.3	72.2	77.1	76.5	72.9	59.8	54.0	62.6
<b>1996</b>												
January .....	88.3	87.5	79.5	65.7	57.2	70.1	75.4	74.8	70.8	58.1	52.9	61.0
February .....	88.4	87.7	80.0	66.6	57.2	70.6	75.5	74.9	71.0	59.1	53.6	61.6
March .....	93.3	92.6	84.6	73.3	63.9	76.9	80.4	79.8	75.4	66.0	59.8	67.9
April .....	102.1	101.3	93.8	81.9	74.9	85.8	88.8	88.1	85.0	74.3	67.3	76.1
May .....	106.6	105.7	100.3	82.1	74.0	87.9	93.3	92.7	91.5	74.5	68.5	78.0
June .....	103.9	103.0	97.7	76.1	66.9	83.0	91.0	90.3	88.9	69.0	62.1	73.0
July .....	101.1	100.3	94.5	76.7	68.0	82.1	88.0	87.5	85.6	69.2	62.5	72.3
August .....	98.3	97.6	90.9	75.9	65.2	80.3	85.4	84.9	81.8	68.5	61.8	71.1
September .....	98.0	97.3	89.4	77.0	68.1	80.9	84.9	84.4	80.3	69.5	63.1	71.6
October .....	98.2	97.5	89.4	79.2	68.7	82.0	85.0	84.4	79.8	71.5	64.1	72.8
November .....	100.4	99.7	89.7	81.7	71.1	83.9	87.3	86.8	79.8	73.9	66.1	74.5
December .....	100.2	99.5	89.5	80.1	70.8	82.4	86.5	86.0	79.5	72.0	66.3	73.1
1996 .....	97.9	97.2	89.7	76.2	66.9	80.3	85.3	84.7	80.9	69.0	62.7	71.3
<b>1997</b>												
January .....	100.9	100.2	90.8	81.4	72.5	84.2	87.2	86.6	81.0	73.5	68.4	74.8
February .....	100.4	99.7	90.8	78.6	69.3	82.7	86.7	86.1	81.4	71.0	66.2	73.1
March .....	98.5	97.8	90.1	76.3	68.3	80.7	84.9	84.3	80.8	68.7	65.3	71.5
April .....	97.9	97.5	90.1	75.0	66.5	79.7	84.4	83.9	81.3	67.4	62.9	70.4
May .....	97.9	97.3	89.1	76.8	67.7	80.4	85.0	84.5	80.3	69.4	62.3	71.1
June .....	96.8	96.1	87.8	73.1	64.9	77.4	83.8	83.3	78.8	65.6	59.6	68.3
July .....	95.5	94.8	85.8	73.5	63.6	77.1	82.0	81.5	76.4	65.8	58.4	67.5
August .....	100.8	100.3	92.8	81.3	73.8	84.5	87.2	86.8	83.2	73.3	66.9	75.0
September .....	101.5	101.2	94.4	76.7	68.9	82.0	87.6	87.2	85.1	68.9	64.0	72.3
October .....	98.4	97.7	90.8	72.7	64.1	77.8	84.9	84.3	81.9	65.1	60.3	68.6
November .....	95.6	94.9	87.8	69.6	59.0	74.8	82.2	81.6	78.8	62.3	56.4	65.9
December .....	92.0	91.4	83.8	65.5	56.8	70.9	78.3	77.8	74.6	58.1	53.8	61.7
1997 .....	97.9	97.3	89.4	74.9	65.7	79.2	84.4	83.9	80.3	67.4	62.0	70.0
<b>1998</b>												
January .....	87.1	86.5	79.2	61.5	54.5	67.2	73.9	73.3	69.9	54.1	50.8	57.6
February .....	83.0	82.4	73.7	60.0	51.0	64.4	69.4	69.0	64.4	52.7	48.5	55.1
March .....	79.4	78.9	69.5	57.6	48.8	61.1	66.0	65.6	60.0	50.3	46.3	52.3
April .....	81.2	80.6	W	60.9	53.1	63.8	67.8	67.4	62.1	53.5	48.9	54.9
May .....	84.4	84.0	W	63.7	55.1	66.8	71.4	71.0	66.8	56.1	50.3	57.9
June .....	84.1	83.6	W	61.1	52.4	64.9	70.8	70.4	65.9	53.5	47.4	55.6
July .....	83.4	82.9	W	59.6	51.0	63.7	69.9	69.5	64.4	52.1	46.0	54.3

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Notes: Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent.

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

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

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

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

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>1983</b> .....	20.0	23.5	-	-	-	98.3	-	-	-	-	-	-
<b>1984</b> .....	24.3	27.8	-	-	-	106.8	-	-	-	-	-	-
<b>1985</b> .....	26.2	29.9	-	-	-	119.7	-	-	-	-	-	-
<b>1986</b> .....	30.9	34.7	-	-	-	127.0	-	-	-	-	-	-
<b>1987</b> .....	32.7	36.1	-	-	-	141.9	-	-	-	-	-	-
<b>1988</b> .....	34.2	37.3	-	-	-	153.6	-	-	-	-	-	-
<b>1989</b> .....	34.3	36.8	-	-	-	155.7	4.9	5.1	-	-	-	16.4
<b>1990</b> .....	36.7	38.8	-	-	-	174.5	7.4	7.6	-	-	-	23.1
<b>1991</b> .....	38.4	40.4	-	-	-	180.9	7.9	8.2	-	-	-	23.7
<b>1992</b> .....	36.5	38.4	-	-	-	182.2	8.9	9.2	-	-	-	27.5
<b>1993</b> .....	35.6	37.2	-	-	-	184.0	8.7	8.9	-	-	-	27.7
<b>1994</b> .....	34.3	35.9	47.7	120.3	24.3	192.3	8.5	8.7	12.8	15.7	0.2	28.7
<b>1995</b> .....	34.3	35.9	43.8	126.2	31.8	201.8	9.6	9.8	13.3	17.2	0.1	30.6
<b>1996</b>												
January .....	32.2	33.7	41.0	115.8	25.9	182.7	9.5	9.8	12.9	16.0	-	28.9
February .....	33.1	34.7	42.8	121.9	32.1	196.8	9.7	10.0	13.6	16.9	-	30.5
March .....	35.0	36.7	45.1	122.5	28.8	196.4	10.0	10.3	13.7	17.0	W	30.7
April .....	36.6	38.7	46.9	132.1	39.8	218.8	9.6	9.9	13.4	17.0	-	30.4
May .....	38.5	40.3	48.7	137.8	38.8	225.2	9.2	9.5	12.6	16.5	-	29.2
June .....	39.3	41.0	48.1	137.3	43.1	228.6	9.6	9.8	12.6	16.6	-	29.3
July .....	38.6	40.4	47.3	141.2	40.8	229.4	9.5	9.8	12.6	17.4	-	29.9
August .....	38.8	40.7	48.0	141.8	35.2	225.0	9.6	10.0	12.7	17.3	NA	30.1
September .....	37.9	39.6	46.6	131.4	31.5	209.5	9.4	9.6	12.4	15.9	W	28.4
October .....	38.3	40.2	48.0	134.8	32.0	214.8	9.4	9.7	12.7	16.4	W	29.1
November .....	38.3	40.2	48.2	133.6	33.9	215.7	9.4	9.7	12.8	16.3	W	29.2
December .....	39.1	41.1	47.1	132.0	40.2	219.4	9.6	9.8	12.6	16.0	NA	28.7
<b>1996</b> .....	37.2	38.9	46.5	131.9	35.2	213.6	9.5	9.8	12.9	16.6	NA	29.5
<b>1997</b>												
January .....	36.0	38.0	45.9	123.3	35.5	204.6	8.8	9.1	W	15.0	W	26.9
February .....	38.4	40.5	48.0	128.4	39.1	215.4	9.2	9.5	W	15.5	W	28.0
March .....	39.1	41.2	48.0	130.7	35.8	214.5	9.4	9.7	12.4	15.6	0.0	28.0
April .....	38.5	40.7	47.7	134.5	34.0	216.2	9.3	9.6	W	16.1	W	28.3
May .....	38.2	40.0	45.9	138.2	38.1	222.2	9.2	9.5	12.2	16.4	0.0	28.6
June .....	39.4	41.1	46.1	140.2	30.8	217.1	9.5	9.8	W	16.7	W	29.0
July .....	43.3	45.0	45.7	146.8	32.5	224.9	10.4	10.7	W	17.9	W	30.3
August .....	43.5	45.2	46.3	144.4	33.8	224.6	10.3	10.6	W	17.2	W	29.4
September .....	42.9	44.6	45.1	137.4	33.9	216.4	10.0	10.2	W	16.2	W	27.8
October .....	43.2	45.1	45.8	139.9	36.2	221.9	10.1	10.4	W	16.7	W	28.5
November .....	41.8	43.3	46.3	132.0	32.2	210.5	9.8	10.0	W	15.7	W	27.4
December .....	44.1	45.7	46.8	135.8	37.0	219.6	10.6	10.7	W	16.5	W	28.3
<b>1997</b> .....	40.7	42.6	46.4	136.0	34.9	217.4	9.7	10.0	12.1	16.3	0.0	28.4
<b>1998</b>												
January .....	39.4	40.8	44.2	124.9	38.5	207.5	9.9	10.1	W	14.8	W	25.8
February .....	41.6	43.0	45.9	129.3	37.1	212.2	9.7	9.9	W	15.2	W	26.4
March .....	42.8	44.3	47.1	132.1	34.6	213.8	9.9	10.1	W	15.8	W	27.1
April .....	43.2	44.7	47.9	138.1	45.0	231.0	10.0	10.2	W	16.0	W	27.3
May .....	43.8	45.3	48.7	139.2	42.7	230.6	10.3	10.5	W	16.0	W	27.6
June .....	44.6	46.0	49.4	147.1	43.8	240.2	10.5	10.7	W	17.1	W	28.8
July .....	44.9	46.3	49.3	146.9	42.3	238.5	10.7	10.9	W	17.4	W	29.1

See footnotes at end of table.

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

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>1983</b> .....	5.0	6.2	-	-	-	28.7	42.3	51.1	-	-	-	242.5
<b>1984</b> .....	8.5	9.2	-	-	-	33.7	50.3	57.6	-	-	-	246.3
<b>1985</b> .....	9.2	10.0	-	-	-	38.0	50.5	57.5	-	-	-	256.9
<b>1986</b> .....	9.0	9.8	-	-	-	45.1	54.2	61.2	-	-	-	257.2
<b>1987</b> .....	11.2	11.6	-	-	-	53.0	55.7	61.0	-	-	-	257.2
<b>1988</b> .....	13.8	14.5	-	-	-	62.4	56.7	61.0	-	-	-	263.7
<b>1989</b> .....	13.5	14.2	-	-	-	60.8	57.5	61.2	-	-	-	260.7
<b>1990</b> .....	11.2	11.7	-	-	-	53.7	57.4	60.3	-	-	-	264.8
<b>1991</b> .....	10.5	10.9	-	-	-	48.3	58.4	61.2	-	-	-	261.3
<b>1992</b> .....	10.3	10.7	-	-	-	51.7	56.4	59.0	-	-	-	265.4
<b>1993</b> .....	10.3	10.6	-	-	-	52.8	54.9	57.2	-	-	-	266.9
<b>1994</b> .....	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
<b>1995</b> .....	9.8	10.2	20.8	31.5	4.2	56.4	53.7	55.9	77.9	174.8	36.0	288.8
<b>1996</b>												
January .....	9.2	9.5	19.4	29.3	4.2	52.9	50.9	53.0	73.3	161.0	30.1	264.5
February .....	9.5	9.8	20.4	30.6	5.1	56.1	52.3	54.6	76.8	169.4	37.2	283.4
March .....	9.1	9.4	19.9	29.6	3.6	53.2	54.1	56.4	78.7	169.1	32.5	280.3
April .....	8.3	8.6	18.5	28.4	3.6	50.5	54.5	57.2	78.7	177.5	43.4	299.7
May .....	7.6	8.0	16.6	26.6	3.7	47.0	55.4	57.8	77.9	181.0	42.5	301.4
June .....	8.1	8.4	17.3	27.6	4.1	49.0	56.9	59.2	78.1	181.5	47.2	306.8
July .....	8.3	8.7	17.4	29.9	3.8	51.1	56.4	58.9	77.4	188.4	44.6	310.4
August .....	8.6	9.0	18.0	30.0	3.8	51.8	57.1	59.7	78.8	189.0	39.1	306.9
September .....	8.2	8.6	17.6	27.1	3.7	48.5	55.5	57.8	76.6	174.5	35.3	286.4
October .....	8.2	8.5	17.8	27.7	4.2	49.8	55.9	58.5	78.5	178.9	36.2	293.7
November .....	7.9	8.2	17.7	26.6	3.3	47.6	55.6	58.1	78.8	176.5	37.2	292.6
December .....	8.0	8.3	17.2	26.2	5.5	48.9	56.7	59.2	76.9	174.2	45.8	297.0
<b>1996</b> .....	8.4	8.8	18.2	28.3	4.1	50.5	55.1	57.5	77.5	176.8	39.3	293.6
<b>1997</b>												
January .....	7.4	7.8	W	24.6	W	44.2	52.2	54.8	74.2	162.8	38.7	275.8
February .....	7.7	8.1	W	25.3	W	45.0	53.3	58.0	77.5	169.2	41.7	288.4
March .....	8.1	8.4	17.4	26.1	3.8	47.4	56.6	59.3	77.7	172.4	39.7	289.8
April .....	8.1	8.5	W	27.5	W	48.7	55.8	58.9	77.1	178.1	37.9	293.1
May .....	8.2	8.6	17.2	28.7	3.6	49.5	55.5	58.2	75.3	183.3	41.8	300.3
June .....	8.6	9.0	W	29.0	W	50.8	57.5	60.0	75.8	185.9	35.2	296.9
July .....	9.3	9.8	W	31.1	W	51.5	63.0	65.4	75.4	195.8	35.6	306.7
August .....	8.7	9.2	W	29.3	W	50.0	62.5	64.9	75.2	190.9	37.9	304.0
September .....	8.4	8.9	W	27.2	W	46.6	61.3	63.8	72.5	180.7	37.7	290.8
October .....	8.7	9.0	W	28.1	W	49.1	62.0	64.5	73.8	184.7	41.0	299.6
November .....	8.6	8.9	W	26.8	W	48.4	60.3	62.3	74.7	174.4	37.1	286.2
December .....	9.4	9.6	W	28.5	W	50.5	64.0	66.0	75.7	180.8	41.9	298.4
<b>1997</b> .....	8.4	8.8	16.9	27.7	3.9	48.5	58.9	61.4	75.4	180.0	38.8	294.3
<b>1998</b>												
January .....	8.8	9.0	W	26.5	W	46.3	58.1	59.9	71.4	166.2	42.0	279.7
February .....	9.2	9.4	W	27.2	W	47.2	60.5	62.3	74.3	171.7	39.9	285.9
March .....	9.7	9.9	W	28.6	W	50.2	62.4	64.3	76.2	176.5	38.4	291.1
April .....	9.5	9.8	W	29.5	W	52.2	62.8	64.7	76.9	183.6	50.1	310.5
May .....	9.6	9.9	W	30.2	W	53.0	63.8	65.6	77.9	185.4	47.8	311.1
June .....	9.8	10.1	W	31.8	W	54.9	64.9	66.8	79.4	195.9	48.6	323.9
July .....	10.2	10.4	W	33.1	W	55.6	65.7	67.6	79.6	197.4	46.2	323.2

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent.

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

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

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

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

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

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>1994</b> .....	<b>68.7</b>	<b>68.1</b>	<b>63.6</b>	<b>54.5</b>	<b>50.0</b>	<b>55.8</b>	<b>78.4</b>	<b>77.8</b>	<b>69.4</b>	<b>NA</b>	<b>NA</b>	<b>62.7</b>
<b>1995</b> .....	<b>71.0</b>	<b>70.4</b>	<b>65.1</b>	<b>57.0</b>	<b>52.5</b>	<b>57.3</b>	<b>80.0</b>	<b>79.4</b>	<b>71.1</b>	<b>61.0</b>	<b>NA</b>	<b>63.7</b>
<b>1996</b>												
January .....	68.4	67.8	61.8	54.9	51.4	55.0	77.5	76.9	68.0	59.1	–	61.2
February .....	68.5	67.9	63.4	56.2	52.1	56.4	77.9	77.3	69.7	60.2	–	62.9
March .....	74.7	74.1	69.1	63.5	57.8	63.5	83.7	83.2	75.4	67.3	W	69.7
April .....	82.9	82.2	77.5	71.5	64.0	70.8	92.0	91.4	83.8	75.7	–	77.9
May .....	86.2	85.7	82.1	71.8	65.3	71.9	95.5	95.0	87.7	75.8	–	78.8
June .....	83.6	83.0	79.0	66.6	60.0	66.6	92.6	92.0	84.8	69.3	–	73.2
July .....	81.2	80.7	76.4	66.6	60.1	66.5	90.3	89.8	82.3	70.1	–	73.1
August .....	79.3	78.8	74.3	66.1	60.0	66.1	88.4	87.9	80.6	69.6	W	72.2
September .....	79.9	79.4	74.7	67.1	60.9	67.1	88.7	88.2	81.0	70.7	–	73.3
October .....	79.9	79.4	75.7	69.3	62.6	68.9	89.1	88.5	82.3	73.2	–	75.4
November .....	83.8	83.2	78.2	71.9	65.8	71.6	92.1	91.6	84.2	75.2	–	77.3
December .....	82.8	82.2	76.3	69.5	64.6	69.2	91.5	90.9	83.0	73.7	W	75.8
<b>1996</b> .....	<b>79.7</b>	<b>79.1</b>	<b>74.3</b>	<b>66.5</b>	<b>60.7</b>	<b>66.4</b>	<b>88.4</b>	<b>87.8</b>	<b>80.1</b>	<b>70.0</b>	<b>NA</b>	<b>72.6</b>
<b>1997</b>												
January .....	82.3	81.7	76.2	71.0	66.5	70.7	91.3	90.8	82.4	74.9	–	76.7
February .....	80.8	80.1	74.8	68.6	64.5	68.4	90.1	89.6	81.2	72.3	–	74.5
March .....	78.6	77.9	72.3	66.1	62.7	66.2	88.4	87.9	78.6	70.1	W	72.2
April .....	78.7	77.9	73.1	65.0	60.7	65.2	88.3	87.8	78.8	69.0	–	71.4
May .....	79.7	79.0	73.4	67.4	61.4	66.9	88.7	88.3	79.1	70.3	–	72.5
June .....	78.5	78.0	72.1	63.7	59.0	64.0	87.7	87.3	78.5	66.8	–	69.6
July .....	76.7	76.2	69.6	63.7	57.4	63.4	85.8	85.4	76.1	67.1	–	69.1
August .....	82.1	81.5	75.8	70.8	63.9	70.3	91.1	90.7	81.9	74.4	–	76.1
September .....	80.5	80.0	74.4	66.1	60.8	66.1	89.8	89.4	81.1	69.6	–	72.2
October .....	77.0	76.3	70.2	62.1	57.0	62.1	86.5	86.1	76.7	65.8	–	68.2
November .....	73.9	73.4	66.9	59.3	54.8	59.3	83.2	82.8	73.6	63.1	–	65.4
December .....	69.5	68.9	62.3	55.0	51.7	55.1	78.8	78.5	69.3	59.1	–	61.3
<b>1997</b> .....	<b>78.1</b>	<b>77.5</b>	<b>71.8</b>	<b>64.9</b>	<b>60.1</b>	<b>64.8</b>	<b>87.4</b>	<b>87.0</b>	<b>78.2</b>	<b>68.5</b>	<b>W</b>	<b>70.7</b>
<b>1998</b>												
January .....	65.9	65.3	58.0	50.9	49.1	51.2	74.3	73.8	65.4	55.2	–	57.5
February .....	63.1	62.7	55.6	49.9	47.2	49.9	72.2	71.7	62.1	53.7	–	55.6
March .....	60.8	60.4	52.9	47.7	45.1	47.8	69.9	69.5	59.7	51.5	–	53.3
April .....	62.4	62.1	55.0	50.9	47.0	50.5	71.7	71.3	61.4	54.7	–	56.2
May .....	65.3	64.9	58.3	53.5	48.6	53.0	74.3	74.0	64.3	57.1	–	58.8
June .....	64.8	64.4	57.3	51.0	46.2	50.7	74.1	73.8	63.7	54.5	W	56.6
July .....	63.8	63.3	56.1	49.7	44.7	49.4	73.1	72.7	62.5	53.0	–	55.2

See footnotes at end of table.

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

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
1994 .....	86.3	85.5	77.8	63.8	55.5	68.2	73.6	72.9	68.3	56.5	50.7	58.9
1995 .....	87.7	86.8	79.0	66.5	56.8	68.4	75.3	74.6	69.3	59.0	53.0	59.8
<b>1996</b>												
January .....	85.5	84.6	75.3	64.6	55.6	65.6	72.9	72.2	66.2	57.0	52.0	57.5
February .....	85.9	84.9	77.3	65.8	55.4	67.1	73.1	72.4	67.8	58.2	52.5	58.9
March .....	92.0	91.1	82.8	72.9	61.0	74.3	79.0	78.3	73.2	65.5	58.1	65.9
April .....	100.1	99.2	90.0	81.0	71.1	82.1	86.8	86.0	81.0	73.3	64.4	73.1
May .....	103.3	102.4	94.7	81.1	71.0	83.0	89.9	89.3	85.4	73.5	65.7	74.0
June .....	100.3	99.3	92.0	75.3	64.4	77.8	87.2	86.6	82.4	68.1	60.2	68.7
July .....	98.1	97.2	89.4	75.9	65.9	77.7	85.0	84.4	79.9	68.4	60.4	68.7
August .....	96.2	95.3	87.6	75.2	62.7	76.5	83.1	82.5	77.9	67.8	60.2	68.2
September .....	96.9	95.9	88.2	76.4	65.8	78.0	83.6	83.1	78.4	68.9	61.3	69.2
October .....	96.7	95.8	89.3	78.7	67.4	79.5	83.7	83.1	79.4	71.0	63.1	71.0
November .....	100.2	99.2	91.4	81.3	71.3	82.4	87.2	86.6	81.8	73.6	66.2	73.6
December .....	99.9	98.9	90.4	79.3	69.1	79.8	86.5	85.7	80.2	71.3	65.1	71.3
<b>1996</b> .....	<b>96.0</b>	<b>95.1</b>	<b>86.9</b>	<b>75.5</b>	<b>64.5</b>	<b>76.7</b>	<b>83.4</b>	<b>82.7</b>	<b>77.8</b>	<b>68.2</b>	<b>61.0</b>	<b>68.5</b>
<b>1997</b>												
January .....	99.7	98.6	90.0	80.7	69.9	81.5	86.1	85.3	80.0	72.8	66.7	72.7
February .....	98.3	97.4	88.7	78.0	67.6	79.2	84.6	83.9	78.6	70.3	64.7	70.4
March .....	96.3	95.5	86.3	75.7	66.3	76.8	82.5	81.8	76.1	67.9	63.0	68.2
April .....	96.4	95.5	86.4	74.5	64.9	75.8	82.6	81.8	76.6	66.8	61.1	67.3
May .....	96.6	95.7	86.3	76.5	66.0	77.5	83.4	82.8	76.9	69.0	61.7	68.9
June .....	95.4	94.6	85.5	72.8	64.8	74.3	82.4	81.7	75.8	65.4	59.6	66.0
July .....	93.9	93.2	83.5	73.2	63.0	74.4	80.5	79.9	73.4	65.5	57.8	65.5
August .....	99.2	98.3	89.3	80.4	71.4	81.1	85.7	85.2	79.4	72.6	64.6	72.4
September .....	98.2	97.5	88.4	75.5	65.9	76.8	84.3	83.7	78.1	67.8	61.2	68.1
October .....	94.5	93.6	84.0	71.6	61.5	72.7	80.8	80.2	73.9	63.9	57.4	64.1
November .....	91.2	90.4	81.0	68.4	56.3	69.3	77.8	77.2	70.8	61.0	55.0	61.3
December .....	87.2	86.4	76.6	64.3	54.6	65.3	73.5	72.9	66.3	56.8	52.0	57.1
<b>1997</b> .....	<b>95.4</b>	<b>94.6</b>	<b>85.5</b>	<b>74.2</b>	<b>64.0</b>	<b>75.3</b>	<b>81.9</b>	<b>81.3</b>	<b>75.6</b>	<b>66.6</b>	<b>60.4</b>	<b>66.8</b>
<b>1998</b>												
January .....	83.0	82.2	72.7	60.4	52.7	61.7	69.8	69.1	62.2	52.8	49.4	53.3
February .....	80.4	79.6	69.1	59.2	49.5	60.3	67.1	66.5	59.4	51.7	47.4	51.9
March .....	78.0	77.3	66.4	56.9	47.0	57.9	64.8	64.3	56.7	49.5	45.2	49.8
April .....	79.7	79.1	68.2	60.4	50.2	60.6	66.4	66.0	58.6	52.7	47.3	52.4
May .....	82.2	81.6	71.0	63.1	53.7	63.5	69.1	68.7	61.8	55.3	49.0	55.1
June .....	82.0	81.3	W	60.6	51.7	61.2	68.8	68.3	60.9	52.9	46.7	52.8
July .....	80.8	80.2	69.2	59.2	50.5	60.1	67.8	67.3	59.7	51.5	45.2	51.6

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

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

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

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

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>1994</b> .....	<b>29.7</b>	<b>31.2</b>	<b>36.1</b>	<b>113.5</b>	<b>22.8</b>	<b>172.4</b>	<b>7.6</b>	<b>7.8</b>	<b>10.1</b>	<b>14.6</b>	<b>0.1</b>	<b>24.8</b>
<b>1995</b> .....	<b>24.0</b>	<b>25.3</b>	<b>19.4</b>	<b>105.1</b>	<b>26.0</b>	<b>150.5</b>	<b>6.0</b>	<b>6.3</b>	<b>5.1</b>	<b>13.6</b>	<b>0.1</b>	<b>18.7</b>
<b>1996</b>												
January .....	19.2	20.3	13.1	92.5	21.3	126.9	5.1	5.2	3.7	12.0	-	15.7
February .....	21.2	22.5	18.3	100.4	26.2	144.9	5.7	5.9	5.3	13.3	-	18.5
March .....	24.5	25.9	21.5	103.3	23.2	148.1	6.4	6.6	5.8	13.8	W	19.6
April .....	25.7	27.3	20.4	110.7	31.9	163.0	6.2	6.4	5.1	13.5	-	18.6
May .....	26.3	27.6	19.0	114.2	27.7	160.8	5.8	6.0	4.3	12.9	-	17.2
June .....	26.5	27.7	18.7	112.9	34.2	165.9	6.0	6.2	4.3	12.9	-	17.2
July .....	26.1	27.4	18.8	117.7	31.7	168.1	6.0	6.2	4.4	13.6	-	17.9
August .....	26.4	27.7	18.9	117.5	25.1	161.4	6.1	6.3	4.4	13.4	W	17.9
September .....	25.2	26.5	17.7	108.3	22.9	148.9	5.8	6.0	4.2	12.4	-	16.6
October .....	23.8	25.1	16.4	110.4	25.0	151.9	5.5	5.7	3.9	12.7	-	16.6
November .....	22.2	23.5	16.0	107.6	25.5	149.1	5.1	5.3	3.9	12.5	-	16.4
December .....	22.1	23.4	15.2	105.5	30.6	151.3	5.0	5.2	3.7	12.1	W	15.9
<b>1996</b> .....	<b>24.1</b>	<b>25.4</b>	<b>17.8</b>	<b>108.5</b>	<b>27.1</b>	<b>153.4</b>	<b>5.7</b>	<b>5.9</b>	<b>4.4</b>	<b>12.9</b>	<b>NA</b>	<b>17.3</b>
<b>1997</b>												
January .....	20.6	22.0	14.7	98.2	27.1	140.0	4.7	4.9	3.6	11.4	-	15.0
February .....	22.2	23.7	15.5	103.1	31.3	150.0	5.0	5.2	3.8	11.9	-	15.7
March .....	24.1	25.6	16.7	106.6	27.7	151.0	5.6	5.7	3.9	W	W	16.1
April .....	25.1	26.9	18.2	111.8	27.0	157.0	5.8	5.9	4.2	12.9	-	17.0
May .....	24.7	26.1	17.6	114.4	29.6	161.6	5.7	5.9	4.1	13.0	-	17.2
June .....	25.6	27.0	17.6	116.3	23.4	157.4	5.9	6.1	4.2	13.3	-	17.4
July .....	28.2	29.5	17.3	122.1	25.2	164.6	6.4	6.6	4.1	14.3	-	18.4
August .....	27.3	28.7	17.2	119.1	25.0	161.3	6.2	6.4	4.0	13.5	-	17.5
September .....	26.5	27.9	16.1	112.6	26.2	155.0	6.0	6.2	3.7	12.7	-	16.4
October .....	26.2	27.6	15.8	113.2	27.0	156.0	6.0	6.2	3.7	12.9	-	16.5
November .....	24.3	25.5	14.7	104.9	25.4	145.1	5.5	5.7	3.5	11.9	-	15.4
December .....	25.1	26.4	14.8	107.7	28.3	150.8	5.8	6.0	3.5	12.6	-	16.1
<b>1997</b> .....	<b>25.0</b>	<b>26.4</b>	<b>16.3</b>	<b>110.9</b>	<b>26.9</b>	<b>154.2</b>	<b>5.7</b>	<b>5.9</b>	<b>3.9</b>	<b>12.7</b>	<b>W</b>	<b>16.6</b>
<b>1998</b>												
January .....	22.8	24.0	14.0	98.7	30.2	142.9	5.5	5.7	3.3	11.2	-	14.4
February .....	24.4	25.5	14.8	102.4	29.7	146.9	5.5	5.7	3.4	11.4	-	14.8
March .....	25.9	27.1	15.6	106.5	27.8	149.9	6.0	6.1	3.5	12.2	-	15.7
April .....	26.5	27.7	16.7	112.4	36.4	165.4	6.1	6.2	3.6	12.4	-	16.0
May .....	27.3	28.5	17.4	112.9	33.0	163.2	6.3	6.4	3.8	12.4	-	16.2
June .....	27.6	28.8	17.7	119.6	35.5	172.8	6.4	6.5	W	13.2	W	17.0
July .....	27.4	28.5	17.8	119.9	31.6	169.3	6.4	6.5	3.8	13.3	-	17.2

See footnotes at end of table.

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

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>1994</b> .....	<b>8.5</b>	<b>8.9</b>	<b>16.5</b>	<b>28.0</b>	<b>2.8</b>	<b>47.2</b>	<b>45.8</b>	<b>47.9</b>	<b>62.7</b>	<b>156.0</b>	<b>25.8</b>	<b>244.5</b>
<b>1995</b> .....	<b>6.2</b>	<b>6.4</b>	<b>7.7</b>	<b>25.1</b>	<b>2.9</b>	<b>35.6</b>	<b>36.2</b>	<b>38.0</b>	<b>32.1</b>	<b>143.8</b>	<b>28.9</b>	<b>204.8</b>
<b>1996</b>												
January .....	5.0	5.2	5.6	22.8	3.0	31.4	29.2	30.8	22.4	127.3	24.3	174.0
February .....	5.5	5.7	7.5	24.4	3.8	35.7	32.3	34.1	31.1	138.1	30.0	199.1
March .....	5.6	5.9	7.8	24.0	2.4	34.1	36.5	38.4	35.1	141.1	25.6	201.8
April .....	5.1	5.3	6.2	22.8	2.1	31.1	36.9	39.0	31.7	147.0	34.0	212.7
May .....	4.7	4.9	5.5	21.3	2.0	28.7	36.8	38.5	28.7	148.3	29.6	206.7
June .....	5.0	5.2	5.6	21.9	1.8	29.3	37.5	39.1	28.6	147.7	36.0	212.3
July .....	5.1	5.4	5.8	24.0	2.1	31.9	37.2	38.9	28.9	155.3	33.8	218.0
August .....	5.3	5.6	5.8	23.9	2.3	32.1	37.9	39.6	29.1	154.9	27.5	211.4
September .....	4.9	5.1	5.5	21.6	1.8	29.0	36.0	37.6	27.4	142.4	24.7	194.5
October .....	4.5	4.8	5.1	21.9	2.8	29.9	33.8	35.5	25.5	145.0	27.9	198.4
November .....	4.1	4.3	5.0	20.7	1.9	27.6	31.3	33.0	24.8	140.8	27.5	193.0
December .....	4.0	4.3	4.8	20.3	3.9	29.0	31.2	32.9	23.7	138.0	34.6	196.2
<b>1996</b> .....	<b>4.9</b>	<b>5.1</b>	<b>5.8</b>	<b>22.5</b>	<b>2.5</b>	<b>30.8</b>	<b>34.7</b>	<b>36.5</b>	<b>28.1</b>	<b>143.8</b>	<b>29.6</b>	<b>201.5</b>
<b>1997</b>												
January .....	3.9	4.1	4.7	19.1	2.2	25.9	29.2	31.0	23.0	128.7	29.3	180.9
February .....	4.1	4.4	4.9	19.9	1.9	26.6	31.4	33.3	24.1	135.0	33.2	192.3
March .....	4.6	4.8	5.2	W	W	28.3	34.2	36.1	25.8	139.6	30.1	195.5
April .....	4.8	5.0	5.5	22.1	2.5	30.1	35.7	37.9	27.9	146.7	29.5	204.1
May .....	4.8	5.1	5.6	22.9	2.2	30.6	35.2	37.1	27.3	150.3	31.8	209.4
June .....	5.1	5.3	5.5	23.2	2.8	31.5	36.6	38.3	27.3	152.8	26.2	206.3
July .....	5.5	5.7	5.4	25.0	1.7	32.2	40.1	41.7	26.9	161.4	27.0	215.2
August .....	5.0	5.2	5.2	23.4	2.6	31.2	38.5	40.3	26.4	156.0	27.6	210.0
September .....	4.8	5.0	4.8	21.6	2.5	29.0	37.3	39.1	24.7	147.0	28.8	200.4
October .....	4.9	5.2	4.8	22.2	2.8	29.9	37.1	38.9	24.3	148.3	29.8	202.3
November .....	4.7	5.0	4.7	20.9	2.7	28.3	34.6	36.1	22.9	137.7	28.1	188.7
December .....	5.1	5.3	4.8	22.3	3.0	30.1	36.0	37.7	23.1	142.6	31.3	197.0
<b>1997</b> .....	<b>4.8</b>	<b>5.0</b>	<b>5.1</b>	<b>22.0</b>	<b>2.4</b>	<b>29.5</b>	<b>35.5</b>	<b>37.3</b>	<b>25.3</b>	<b>145.6</b>	<b>29.4</b>	<b>200.2</b>
<b>1998</b>												
January .....	4.8	5.0	4.6	20.7	2.5	27.7	33.2	34.7	21.8	130.6	32.7	185.1
February .....	5.1	5.3	4.8	21.2	1.7	27.7	35.0	36.5	23.0	135.1	31.4	189.5
March .....	5.6	5.8	5.1	22.7	2.0	29.8	37.5	39.0	24.2	141.4	29.8	195.3
April .....	5.5	5.8	5.3	23.5	3.2	32.0	38.1	39.7	25.5	148.3	39.5	213.4
May .....	5.6	5.8	5.4	24.1	3.2	32.6	39.2	40.7	26.5	149.4	36.2	212.0
June .....	5.7	5.9	W	25.4	W	34.5	39.7	41.2	27.1	158.2	39.1	224.3
July .....	5.8	6.0	5.6	26.4	2.8	34.9	39.5	41.1	27.2	159.7	34.4	221.4

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

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

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

**Table 10. U.S. Refiner Oxygenated Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes)

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>1994</b> .....	<b>74.3</b>	<b>73.9</b>	<b>66.7</b>	<b>58.6</b>	<b>52.7</b>	<b>63.2</b>	<b>84.3</b>	<b>83.8</b>	<b>72.7</b>	<b>62.2</b>	<b>W</b>	<b>69.6</b>
<b>1995</b> .....	<b>76.7</b>	<b>76.5</b>	<b>70.9</b>	<b>63.0</b>	<b>59.2</b>	<b>66.5</b>	<b>83.4</b>	<b>83.3</b>	<b>75.0</b>	<b>65.9</b>	<b>-</b>	<b>71.3</b>
<b>1996</b>												
January .....	76.3	76.0	70.4	61.4	W	65.6	84.0	83.8	76.0	64.8	-	72.0
February .....	77.6	77.4	72.3	64.4	-	68.2	85.7	85.7	78.4	67.4	-	74.2
March .....	84.7	84.4	79.5	72.2	W	75.8	90.8	90.8	85.3	74.5	-	81.4
April .....	94.0	93.6	87.2	76.1	-	80.0	101.6	101.6	93.6	77.3	-	86.2
May .....	99.1	98.6	94.3	76.1	-	82.3	108.1	107.9	99.8	77.3	-	88.1
June .....	97.9	97.5	NA	76.5	-	82.3	105.7	105.7	98.3	77.4	-	87.6
July .....	95.8	95.4	NA	75.0	-	80.6	103.7	103.6	96.5	76.0	-	85.9
August .....	97.2	96.8	NA	78.1	-	83.2	104.3	104.3	NA	79.8	-	87.9
September .....	97.8	97.3	88.4	79.7	-	83.2	104.5	104.4	94.1	82.5	-	88.4
October .....	93.4	93.1	85.4	78.4	-	82.0	102.0	101.9	90.9	82.3	-	87.8
November .....	91.7	91.5	80.8	78.0	-	79.3	102.1	102.0	86.3	81.3	-	84.0
December .....	88.1	87.9	77.0	75.3	-	76.1	99.2	99.2	82.6	78.6	-	80.8
<b>1996</b> .....	<b>87.0</b>	<b>86.7</b>	<b>78.4</b>	<b>71.8</b>	<b>W</b>	<b>74.6</b>	<b>94.0</b>	<b>93.9</b>	<b>83.2</b>	<b>73.8</b>	<b>-</b>	<b>79.3</b>
<b>1997</b>												
January .....	89.4	89.2	82.3	77.2	-	79.7	100.2	100.2	87.4	80.3	-	84.1
February .....	92.4	92.2	87.5	77.5	-	82.5	101.8	101.7	92.0	80.5	-	86.8
March .....	95.1	94.8	89.0	75.3	-	83.0	103.0	103.0	93.9	76.7	-	88.2
April .....	88.7	88.4	82.1	69.4	-	72.3	95.6	95.6	85.9	70.3	-	75.8
May .....	89.3	89.2	82.5	75.4	-	78.0	96.8	96.8	89.1	76.2	-	82.1
June .....	88.0	87.8	80.1	71.6	-	74.7	95.9	95.9	85.4	72.9	-	78.0
July .....	85.0	84.9	75.1	71.1	-	72.5	93.2	93.2	81.5	72.9	-	76.4
August .....	87.6	87.5	79.9	77.7	-	78.4	96.3	96.3	85.4	79.5	-	81.8
September .....	91.5	91.3	85.4	75.0	-	78.6	100.0	100.0	89.8	78.7	-	82.9
October .....	90.2	89.9	84.6	71.8	-	76.1	98.8	98.8	89.2	74.6	-	79.7
November .....	87.7	87.5	81.7	70.1	-	74.2	97.8	97.8	86.5	73.2	-	78.6
December .....	83.5	83.4	76.5	64.7	-	68.8	94.7	94.7	82.0	68.0	-	74.0
<b>1997</b> .....	<b>89.2</b>	<b>89.0</b>	<b>83.0</b>	<b>72.4</b>	<b>-</b>	<b>76.7</b>	<b>98.4</b>	<b>98.4</b>	<b>87.8</b>	<b>75.0</b>	<b>-</b>	<b>80.8</b>
<b>1998</b>												
January .....	78.4	78.3	71.3	59.2	-	63.4	89.1	89.1	76.9	61.0	-	66.9
February .....	70.8	70.7	64.1	57.7	-	60.0	81.0	81.0	70.4	59.7	-	63.6
March .....	65.7	65.6	56.3	55.8	-	56.0	75.8	75.8	63.1	57.1	-	59.6
April .....	66.6	66.6	58.8	57.2	-	57.8	76.0	76.0	W	58.2	-	60.3
May .....	71.7	71.6	64.4	60.4	-	61.8	80.2	80.2	W	61.3	-	64.4
June .....	73.6	73.5	64.7	59.2	-	60.9	82.3	82.3	W	60.3	-	63.4
July .....	72.3	72.2	63.9	58.5	-	60.3	81.2	81.2	W	59.5	-	62.7

See footnotes at end of table.

**Table 10. U.S. Refiner Oxygenated Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes) — Continued

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>1994</b> .....	<b>92.9</b>	<b>92.4</b>	<b>79.9</b>	<b>67.5</b>	<b>56.7</b>	<b>76.5</b>	<b>79.3</b>	<b>78.8</b>	<b>71.5</b>	<b>60.7</b>	<b>53.5</b>	<b>67.5</b>
<b>1995</b> .....	<b>94.6</b>	<b>94.3</b>	<b>84.7</b>	<b>72.4</b>	<b>W</b>	<b>79.1</b>	<b>80.4</b>	<b>80.2</b>	<b>74.2</b>	<b>64.7</b>	<b>59.5</b>	<b>69.1</b>
<b>1996</b>												
January .....	95.4	95.1	84.1	71.7	57.7	78.8	80.6	80.4	73.9	63.2	W	68.7
February .....	97.1	97.0	86.6	73.8	—	81.2	82.0	81.8	75.6	66.0	—	70.9
March .....	103.0	102.6	93.0	79.7	W	87.6	88.2	87.9	82.6	73.3	W	78.2
April .....	111.4	111.2	101.6	84.6	—	91.9	97.0	96.6	90.2	77.1	—	82.2
May .....	117.2	117.1	108.5	84.0	—	92.5	101.9	101.5	96.8	77.2	—	84.1
June .....	114.5	114.4	NA	83.1	—	91.6	100.3	100.0	NA	77.4	—	84.1
July .....	111.9	111.9	NA	81.7	—	89.4	98.3	97.9	NA	76.0	—	82.4
August .....	111.8	111.7	NA	84.1	—	91.3	99.5	99.2	NA	79.1	—	84.8
September .....	111.9	111.2	101.8	86.8	—	93.5	100.3	99.8	91.0	80.8	—	85.1
October .....	110.1	109.8	98.3	86.9	—	93.8	96.8	96.5	88.1	79.7	—	84.2
November .....	110.1	109.8	94.2	86.1	—	90.4	95.5	95.2	83.4	79.3	—	81.4
December .....	107.1	106.9	90.3	83.7	—	87.2	91.9	91.8	79.7	76.7	—	78.1
<b>1996</b> .....	<b>103.7</b>	<b>103.5</b>	<b>90.7</b>	<b>80.0</b>	<b>58.3</b>	<b>85.5</b>	<b>90.2</b>	<b>90.0</b>	<b>81.1</b>	<b>73.1</b>	<b>W</b>	<b>76.8</b>
<b>1997</b>												
January .....	109.1	108.9	95.9	85.7	—	91.0	93.3	93.1	84.8	78.6	—	81.6
February .....	111.9	111.6	101.0	86.2	—	94.3	95.9	95.7	89.8	78.8	—	84.5
March .....	113.1	112.8	103.2	82.6	—	96.1	98.0	97.7	91.7	76.2	—	85.2
April .....	104.2	104.2	94.7	75.4	—	79.9	91.1	90.9	84.0	70.1	—	73.5
May .....	105.5	105.5	98.4	80.6	—	86.6	91.7	91.5	84.7	76.0	—	79.3
June .....	104.7	104.7	93.2	77.0	—	82.2	90.4	90.3	81.9	72.3	—	75.8
July .....	101.8	101.8	88.5	76.1	—	79.6	87.6	87.4	77.0	71.9	—	73.7
August .....	105.1	104.9	92.6	82.7	—	85.7	90.2	90.1	81.6	78.4	—	79.5
September .....	108.5	108.1	97.7	82.1	—	87.4	94.0	93.7	87.2	76.2	—	80.1
October .....	108.0	107.6	97.5	80.6	—	87.0	93.0	92.7	86.7	73.0	—	77.7
November .....	107.3	107.0	95.0	79.4	—	85.7	91.4	91.1	84.0	71.5	—	76.0
December .....	104.1	104.1	90.3	73.9	—	80.5	87.5	87.3	79.0	66.0	—	70.8
<b>1997</b> .....	<b>107.9</b>	<b>107.7</b>	<b>96.9</b>	<b>80.4</b>	<b>—</b>	<b>87.6</b>	<b>92.4</b>	<b>92.2</b>	<b>85.3</b>	<b>73.6</b>	<b>—</b>	<b>78.4</b>
<b>1998</b>												
January .....	98.7	98.7	85.3	67.7	—	74.5	82.3	82.2	73.9	60.4	—	65.2
February .....	90.8	90.7	78.5	66.0	—	71.1	74.4	74.3	66.8	58.8	—	61.7
March .....	84.5	84.5	70.8	62.9	—	66.9	68.4	68.4	59.1	56.7	—	57.7
April .....	85.1	85.1	75.1	W	—	67.7	69.3	69.3	61.3	57.8	—	59.0
May .....	89.2	89.2	80.6	W	—	71.8	74.3	74.2	67.0	61.0	—	63.0
June .....	90.9	90.9	79.6	W	—	69.7	76.1	76.0	67.1	59.8	—	62.0
July .....	89.0	89.0	78.5	W	—	70.3	74.8	74.7	66.4	59.1	—	61.6

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

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

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

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

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>1994</b> .....	<b>4.0</b>	<b>4.1</b>	<b>9.4</b>	<b>5.2</b>	<b>0.9</b>	<b>15.5</b>	<b>0.7</b>	<b>0.7</b>	<b>2.1</b>	<b>0.8</b>	<b>W</b>	<b>2.9</b>
<b>1995</b> .....	<b>2.5</b>	<b>2.5</b>	<b>3.8</b>	<b>W</b>	<b>W</b>	<b>8.1</b>	<b>0.5</b>	<b>0.5</b>	<b>0.8</b>	<b>0.5</b>	<b>-</b>	<b>1.3</b>
<b>1996</b>												
January .....	5.5	5.6	8.6	7.6	W	17.0	1.6	1.6	2.2	1.2	-	3.5
February .....	4.2	4.3	4.2	4.5	-	8.7	1.1	1.1	1.0	0.6	-	1.6
March .....	2.1	2.2	1.8	1.8	W	3.7	0.5	0.5	0.4	0.2	-	0.6
April .....	1.2	1.2	0.7	1.3	-	2.1	0.2	0.2	0.2	0.1	-	0.3
May .....	1.0	1.0	0.7	1.5	-	2.2	0.2	0.2	0.1	0.2	-	0.3
June .....	1.1	1.1	NA	1.5	-	2.3	0.2	0.2	0.2	0.2	-	0.3
July .....	1.1	1.1	NA	1.5	-	2.3	0.2	0.2	0.2	0.2	-	0.3
August .....	1.0	1.0	NA	1.6	-	2.4	0.2	0.2	NA	0.2	-	0.3
September .....	1.0	1.0	1.3	1.9	-	3.1	0.2	0.2	0.2	0.2	-	0.5
October .....	2.4	2.4	3.3	3.1	-	6.4	0.5	0.5	0.6	0.3	-	0.9
November .....	4.0	4.1	4.0	4.3	-	8.4	0.9	0.9	0.7	0.6	-	1.2
December .....	4.4	4.5	4.0	4.5	-	8.5	0.9	0.9	0.7	0.5	-	1.2
<b>1996</b> .....	<b>2.4</b>	<b>2.5</b>	<b>2.6</b>	<b>2.9</b>	<b>W</b>	<b>5.6</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.4</b>	<b>-</b>	<b>0.9</b>
<b>1997</b>												
January .....	4.0	4.1	4.0	4.3	-	8.3	0.9	0.9	W	W	-	1.1
February .....	4.0	4.0	4.0	4.0	-	8.0	0.8	0.8	W	W	-	1.1
March .....	2.5	2.6	2.9	2.3	-	5.1	0.4	0.4	0.5	0.2	-	0.7
April .....	0.9	0.9	0.5	1.6	-	2.1	0.1	0.2	W	W	-	0.3
May .....	1.3	1.4	1.0	1.7	-	2.7	0.2	0.2	0.2	0.2	-	0.3
June .....	1.5	1.6	1.0	1.8	-	2.8	0.2	0.2	W	W	-	0.4
July .....	1.3	1.4	1.0	1.8	-	2.8	0.2	0.2	W	W	-	0.4
August .....	1.3	1.4	1.0	1.9	-	2.8	0.2	0.2	W	W	-	0.4
September .....	1.6	1.6	1.3	2.4	-	3.7	0.2	0.2	W	W	-	0.6
October .....	2.1	2.2	2.0	4.0	-	6.0	0.4	0.4	W	W	-	1.1
November .....	3.1	3.2	2.9	5.3	-	8.2	0.7	0.7	W	W	-	1.3
December .....	3.4	3.4	3.0	5.6	-	8.6	0.7	0.7	W	W	-	1.3
<b>1997</b> .....	<b>2.3</b>	<b>2.3</b>	<b>2.0</b>	<b>3.0</b>	<b>-</b>	<b>5.1</b>	<b>0.4</b>	<b>0.4</b>	<b>0.3</b>	<b>0.4</b>	<b>-</b>	<b>0.8</b>
<b>1998</b>												
January .....	3.0	3.0	2.8	5.3	-	8.1	0.7	0.7	W	W	-	1.4
February .....	2.9	2.9	2.7	5.0	-	7.7	0.6	0.6	W	W	-	1.3
March .....	2.3	2.4	2.4	3.1	-	5.5	0.3	0.3	W	W	-	1.0
April .....	1.7	1.7	1.5	2.9	-	4.3	0.3	0.3	W	W	-	0.8
May .....	1.6	1.6	1.4	2.8	-	4.2	0.2	0.2	W	W	-	0.8
June .....	1.6	1.6	1.5	3.3	-	4.8	0.2	0.2	W	W	-	0.8
July .....	1.5	1.6	1.5	3.0	-	4.6	0.2	0.2	W	W	-	0.8

See footnotes at end of table.

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

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
1994 .....	1.2	1.2	5.0	1.4	0.2	6.6	5.9	6.1	16.5	7.4	1.1	25.0
1995 .....	0.5	0.5	1.1	W	W	1.9	3.5	3.6	5.7	5.1	0.6	11.3
<b>1996</b>												
January .....	1.3	1.3	2.6	1.4	0.2	4.2	8.3	8.5	13.5	10.2	W	24.7
February .....	0.9	0.9	1.1	0.8	—	1.8	6.3	6.3	6.2	5.9	—	12.1
March .....	0.4	0.4	0.4	0.3	W	0.7	3.0	3.0	2.6	2.3	W	5.0
April .....	0.2	0.2	0.1	0.2	—	0.3	1.6	1.6	1.0	1.7	—	2.7
May .....	0.1	0.1	0.1	0.2	—	0.3	1.3	1.3	1.0	1.8	—	2.8
June .....	0.1	0.1	NA	0.2	—	0.4	1.4	1.4	NA	1.9	—	2.9
July .....	0.1	0.1	NA	0.3	—	0.4	1.4	1.4	NA	2.0	—	3.0
August .....	0.1	0.1	NA	0.3	—	0.4	1.2	1.3	NA	2.1	—	3.2
September .....	0.1	0.2	0.2	0.3	—	0.5	1.3	1.4	1.8	2.4	—	4.1
October .....	0.4	0.4	0.7	0.5	—	1.2	3.3	3.3	4.6	3.9	—	8.5
November .....	0.6	0.7	0.8	0.7	—	1.5	5.5	5.6	5.5	5.6	—	11.1
December .....	0.7	0.7	0.8	0.7	—	1.6	6.1	6.1	5.6	5.7	—	11.3
<b>1996</b> .....	<b>0.4</b>	<b>0.4</b>	<b>0.6</b>	<b>0.5</b>	<b>0.0</b>	<b>1.1</b>	<b>3.4</b>	<b>3.4</b>	<b>3.7</b>	<b>3.8</b>	<b>W</b>	<b>7.6</b>
<b>1997</b>												
January .....	0.6	0.6	W	W	—	1.4	5.5	5.5	5.4	5.6	—	10.9
February .....	0.6	0.6	W	W	—	1.3	5.3	5.4	5.4	5.1	—	10.5
March .....	0.3	0.4	0.6	0.3	—	0.9	3.3	3.3	3.9	2.8	—	6.7
April .....	0.1	0.1	W	W	—	0.3	1.2	1.2	0.7	2.0	—	2.7
May .....	0.1	0.1	0.1	0.2	—	0.3	1.7	1.7	1.3	2.1	—	3.4
June .....	0.2	0.2	W	W	—	0.4	2.0	2.0	1.3	2.3	—	3.6
July .....	0.2	0.2	W	W	—	0.4	1.7	1.7	1.3	2.3	—	3.6
August .....	0.1	0.1	W	W	—	0.4	1.7	1.7	1.3	2.4	—	3.6
September .....	0.2	0.2	W	W	—	0.5	2.0	2.1	1.7	3.1	—	4.8
October .....	0.3	0.3	W	W	—	0.8	2.8	2.8	2.7	5.2	—	8.0
November .....	0.4	0.4	W	W	—	1.2	4.2	4.3	3.9	6.8	—	10.7
December .....	0.5	0.5	W	W	—	1.3	4.6	4.6	4.1	7.1	—	11.2
<b>1997</b> .....	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.4</b>	—	<b>0.8</b>	<b>3.0</b>	<b>3.0</b>	<b>2.7</b>	<b>3.9</b>	—	<b>6.6</b>
<b>1998</b>												
January .....	0.4	0.4	W	W	—	1.3	4.1	4.2	3.8	6.9	—	10.7
February .....	0.4	0.4	W	W	—	1.2	3.8	3.8	3.7	6.5	—	10.2
March .....	0.2	0.2	W	W	—	0.8	2.9	2.9	3.2	4.1	—	7.4
April .....	0.2	0.2	W	W	—	0.5	2.1	2.1	1.9	3.8	—	5.6
May .....	0.2	0.2	W	W	—	0.5	2.0	2.0	1.8	3.7	—	5.5
June .....	0.2	0.2	W	W	—	0.6	2.0	2.0	1.9	4.3	—	6.2
July .....	0.2	0.2	W	W	—	0.5	1.9	2.0	2.0	3.9	—	5.9

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

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

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

**Table 12. U.S. Refiner Reformulated Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes)

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
1994 .....	76.4	75.8	72.0	56.9	54.3	63.8	87.9	87.3	77.0	62.8	W	72.8
1995 .....	74.9	74.4	70.7	60.5	57.3	65.0	83.6	83.3	75.3	65.1	-	72.3
<b>1996</b>												
January .....	71.4	71.0	67.6	59.2	56.0	63.1	80.9	80.6	72.3	63.8	-	69.9
February .....	72.2	71.7	67.8	59.8	56.8	63.2	81.3	81.0	73.1	64.2	-	70.5
March .....	76.7	76.3	72.0	65.8	65.5	68.8	86.0	85.7	77.9	70.0	-	75.6
April .....	87.7	87.3	83.5	77.0	77.3	80.2	96.5	96.2	88.8	81.4	-	86.7
May .....	95.7	95.3	91.7	77.0	74.8	83.4	105.1	104.7	96.8	81.4	-	92.2
June .....	93.5	92.9	89.1	70.5	68.0	78.9	103.0	102.4	94.0	75.1	-	88.3
July .....	88.8	88.4	85.3	70.7	68.7	77.3	98.6	98.3	90.3	75.2	-	85.6
August .....	84.3	84.0	79.9	68.9	65.2	73.4	94.0	93.7	85.1	73.4	W	81.5
September .....	81.4	81.1	76.8	69.5	66.5	72.6	91.0	90.8	82.3	73.8	W	79.8
October .....	80.2	79.9	74.7	70.4	66.5	72.1	90.2	89.9	80.5	74.8	W	78.8
November .....	80.0	79.7	73.5	71.6	65.2	71.6	89.7	89.4	79.6	75.9	W	78.5
December .....	80.0	79.7	74.7	71.8	69.4	72.8	89.8	89.5	80.5	76.3	W	79.2
<b>1996</b> .....	<b>83.4</b>	<b>83.0</b>	<b>78.8</b>	<b>69.8</b>	<b>67.7</b>	<b>73.8</b>	<b>92.4</b>	<b>92.1</b>	<b>83.7</b>	<b>74.1</b>	<b>W</b>	<b>80.9</b>
<b>1997</b>												
January .....	82.3	82.1	76.9	73.8	73.2	75.2	92.0	91.6	82.4	77.6	W	81.0
February .....	82.9	82.7	77.9	71.0	72.1	74.5	92.6	92.4	83.1	75.0	W	80.8
March .....	82.2	82.0	78.5	69.7	72.7	74.4	91.9	91.7	83.7	73.8	W	80.9
April .....	83.0	82.8	80.5	68.0	69.0	74.4	92.5	92.4	85.1	72.3	W	81.5
May .....	82.9	82.5	78.3	68.4	63.4	72.3	92.5	92.2	83.8	72.6	NA	80.5
June .....	81.1	80.7	76.4	64.0	58.1	69.2	91.1	90.7	81.9	68.5	W	78.0
July .....	79.5	79.2	74.0	64.7	59.3	68.4	89.7	89.2	79.5	69.1	W	76.4
August .....	85.0	84.8	81.3	74.2	72.2	77.2	94.9	94.7	87.1	78.4	W	84.5
September .....	88.3	88.0	85.0	71.7	72.6	78.2	98.0	97.9	90.4	75.9	W	86.2
October .....	86.3	86.0	82.2	67.4	68.1	74.5	96.0	95.7	87.3	71.7	W	82.8
November .....	83.1	82.8	78.6	64.3	60.5	71.0	92.7	92.5	83.7	68.6	W	79.4
December .....	79.4	79.1	74.5	60.7	58.7	67.0	89.3	89.1	79.7	65.2	W	75.5
<b>1997</b> .....	<b>83.0</b>	<b>82.8</b>	<b>78.7</b>	<b>68.1</b>	<b>66.8</b>	<b>73.0</b>	<b>92.8</b>	<b>92.5</b>	<b>83.9</b>	<b>72.4</b>	<b>W</b>	<b>80.6</b>
<b>1998</b>												
January .....	74.3	74.1	69.5	56.6	55.4	62.7	83.1	82.9	74.8	60.8	W	70.8
February .....	67.6	67.4	62.6	53.8	52.4	57.9	77.8	77.7	68.0	57.9	W	65.1
March .....	62.7	62.5	57.5	50.9	49.9	54.1	72.9	72.7	63.1	55.0	W	60.8
April .....	65.3	65.1	59.9	54.6	54.5	57.2	75.0	74.9	65.5	58.8	W	63.6
May .....	70.6	70.4	65.7	57.2	53.5	60.7	80.0	79.9	71.2	61.6	W	68.4
June .....	69.3	69.1	64.7	53.5	49.7	58.4	79.2	79.0	70.3	58.2	W	66.6
July .....	68.1	67.9	62.8	51.8	47.8	56.2	78.4	78.2	68.6	56.5	W	64.9

See footnotes at end of table.

**Table 12. U.S. Refiner Reformulated Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes) — Continued

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>1994</b> .....	<b>96.6</b>	<b>95.8</b>	<b>86.1</b>	<b>67.7</b>	<b>55.8</b>	<b>77.7</b>	<b>83.1</b>	<b>82.4</b>	<b>77.1</b>	<b>59.9</b>	<b>54.7</b>	<b>68.7</b>
<b>1995</b> .....	<b>92.9</b>	<b>92.4</b>	<b>84.1</b>	<b>70.4</b>	<b>61.6</b>	<b>78.5</b>	<b>80.8</b>	<b>80.3</b>	<b>75.6</b>	<b>63.2</b>	<b>58.2</b>	<b>69.6</b>
<b>1996</b>												
January .....	89.9	89.5	80.6	69.3	61.4	76.1	77.5	77.1	72.4	61.9	57.2	67.5
February .....	90.3	89.8	81.2	69.4	62.1	76.4	78.2	77.7	72.8	62.4	57.8	67.6
March .....	94.6	94.1	85.5	75.1	69.4	81.3	82.5	82.0	76.9	68.2	66.2	72.9
April .....	104.8	104.3	95.7	85.9	80.2	91.7	92.7	92.2	87.7	79.2	77.8	83.7
May .....	111.6	110.9	103.0	86.0	77.4	95.6	100.1	99.6	95.1	79.0	75.2	86.9
June .....	109.6	108.9	100.4	79.1	68.9	90.6	98.0	97.3	92.6	72.5	68.1	82.6
July .....	105.6	105.1	96.9	79.8	70.8	89.5	93.5	93.1	89.0	72.9	69.0	81.0
August .....	101.4	101.0	92.3	78.5	69.1	86.4	89.1	88.8	83.9	71.1	65.7	77.2
September .....	99.2	98.8	89.8	79.3	70.3	85.0	86.3	86.0	81.0	71.7	67.2	76.2
October .....	98.7	98.3	88.9	80.6	71.4	85.2	85.2	84.8	79.2	72.7	67.3	75.8
November .....	98.8	98.3	88.6	82.6	70.8	85.7	85.0	84.6	78.3	74.0	66.0	75.5
December .....	99.2	98.8	89.1	82.9	75.0	86.1	85.0	84.6	79.2	74.2	70.1	76.3
<b>1996</b> .....	<b>100.2</b>	<b>99.8</b>	<b>91.0</b>	<b>79.1</b>	<b>70.9</b>	<b>85.9</b>	<b>88.2</b>	<b>87.8</b>	<b>82.8</b>	<b>72.0</b>	<b>68.2</b>	<b>77.4</b>
<b>1997</b>												
January .....	100.9	100.5	90.8	83.6	77.9	87.9	87.1	86.8	81.1	75.9	73.8	78.5
February .....	101.0	100.7	91.1	80.2	73.5	87.2	87.6	87.3	81.9	72.9	72.3	77.9
March .....	100.0	99.7	91.1	78.7	71.6	86.1	86.8	86.6	82.4	71.7	72.6	77.7
April .....	100.0	100.1	91.9	77.2	69.5	86.0	87.5	87.5	84.0	70.1	69.1	77.8
May .....	99.5	99.3	90.3	78.1	70.2	85.1	87.4	87.2	82.2	70.6	64.4	76.1
June .....	98.6	97.9	88.9	74.0	65.0	82.5	86.0	85.6	80.5	66.3	59.4	73.2
July .....	97.6	96.9	86.8	75.0	64.3	81.6	84.4	84.1	78.1	67.0	60.1	72.3
August .....	103.0	102.8	94.3	84.6	78.3	90.1	89.6	89.5	85.4	76.5	73.0	80.8
September .....	105.9	106.0	97.1	81.1	75.2	90.7	92.7	92.6	88.7	73.7	73.0	81.7
October .....	103.2	102.9	93.7	76.3	67.6	85.8	90.6	90.3	85.8	69.4	68.1	77.8
November .....	100.1	99.9	90.3	72.8	62.4	82.3	87.5	87.2	82.3	66.2	61.0	74.5
December .....	96.8	96.6	86.5	69.4	60.3	79.0	83.9	83.6	78.2	62.6	59.0	70.6
<b>1997</b> .....	<b>100.5</b>	<b>100.2</b>	<b>91.0</b>	<b>77.5</b>	<b>68.6</b>	<b>85.2</b>	<b>87.6</b>	<b>87.4</b>	<b>82.5</b>	<b>70.2</b>	<b>67.1</b>	<b>76.5</b>
<b>1998</b>												
January .....	91.2	91.0	81.6	65.2	58.8	75.5	78.7	78.5	73.3	58.5	55.8	66.3
February .....	85.8	85.6	75.3	62.3	53.2	70.2	72.4	72.2	66.6	55.7	52.5	61.4
March .....	81.2	81.0	70.7	59.7	50.8	65.8	67.6	67.4	61.7	52.9	50.1	57.5
April .....	83.0	82.8	72.8	W	58.1	68.7	69.9	69.7	63.9	56.6	55.2	60.4
May .....	87.5	87.3	77.6	W	57.4	72.3	75.1	74.8	69.5	59.2	54.2	64.0
June .....	86.8	86.6	76.8	W	54.3	71.1	74.0	73.7	68.5	55.6	50.3	62.1
July .....	86.8	86.6	75.3	W	52.1	69.5	73.1	72.9	66.8	54.0	48.2	60.0

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

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

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>1994</b> .....	<b>0.6</b>	<b>0.6</b>	<b>2.1</b>	<b>1.6</b>	<b>0.6</b>	<b>4.3</b>	<b>0.2</b>	<b>0.2</b>	<b>0.7</b>	<b>0.3</b>	<b>W</b>	<b>1.0</b>
<b>1995</b> .....	<b>7.8</b>	<b>8.1</b>	<b>20.7</b>	<b>W</b>	<b>W</b>	<b>43.3</b>	<b>3.0</b>	<b>3.1</b>	<b>7.4</b>	<b>3.1</b>	<b>-</b>	<b>10.5</b>
<b>1996</b>												
January .....	7.5	7.8	19.3	15.7	3.8	38.7	2.9	3.0	7.0	2.7	-	9.7
February .....	7.7	8.0	20.3	16.9	5.9	43.1	3.0	3.0	7.4	3.0	-	10.4
March .....	8.4	8.7	21.7	17.3	5.6	44.7	3.1	3.2	7.5	3.0	-	10.5
April .....	9.8	10.2	25.8	20.0	7.9	53.7	3.3	3.3	8.1	3.4	-	11.4
May .....	11.3	11.7	28.9	22.2	11.1	62.3	3.3	3.3	8.2	3.5	-	11.6
June .....	11.7	12.1	28.6	23.0	8.9	60.4	3.4	3.5	8.2	3.6	-	11.8
July .....	11.4	12.0	27.8	22.0	9.1	58.9	3.3	3.4	8.1	3.6	-	11.7
August .....	11.4	12.0	28.3	22.7	10.1	61.1	3.4	3.5	8.2	3.6	W	11.9
September .....	11.6	12.1	27.6	21.2	8.7	57.5	3.4	3.5	8.0	3.3	W	11.4
October .....	12.2	12.7	28.3	21.3	6.9	56.5	3.5	3.6	8.2	3.3	W	11.6
November .....	12.1	12.6	28.2	21.6	8.4	58.3	3.5	3.6	8.3	3.3	W	11.6
December .....	12.6	13.1	27.9	22.0	9.6	59.5	3.6	3.7	8.2	3.3	W	11.6
<b>1996</b> .....	<b>10.7</b>	<b>11.1</b>	<b>26.1</b>	<b>20.5</b>	<b>8.0</b>	<b>54.6</b>	<b>3.3</b>	<b>3.4</b>	<b>7.9</b>	<b>3.3</b>	<b>W</b>	<b>11.3</b>
<b>1997</b>												
January .....	11.4	11.9	27.1	20.8	8.4	56.3	3.2	3.3	7.7	W	W	10.8
February .....	12.2	12.7	28.4	21.2	7.7	57.4	3.3	3.5	8.1	W	W	11.2
March .....	12.5	13.0	28.5	21.8	8.1	58.3	3.4	3.5	8.0	W	W	11.2
April .....	12.4	12.8	29.0	21.1	7.0	57.1	3.4	3.5	7.9	W	W	11.0
May .....	12.1	12.5	27.3	22.1	8.5	57.9	3.3	3.4	7.9	3.2	0.0	11.1
June .....	12.2	12.6	27.5	22.1	7.4	56.9	3.4	3.5	7.9	W	W	11.2
July .....	13.8	14.2	27.4	22.9	7.3	57.6	3.7	3.8	8.0	W	W	11.4
August .....	14.8	15.1	28.1	23.5	8.9	60.4	3.9	4.0	8.0	W	W	11.5
September .....	14.8	15.2	27.7	22.3	7.7	57.7	3.7	3.8	7.7	W	W	10.8
October .....	14.9	15.3	28.0	22.7	9.2	59.9	3.7	3.9	7.7	W	W	10.9
November .....	14.3	14.6	28.7	21.8	6.8	57.2	3.6	3.7	7.7	W	W	10.7
December .....	15.6	15.9	29.0	22.6	8.7	60.2	4.0	4.0	7.7	W	W	10.9
<b>1997</b> .....	<b>13.4</b>	<b>13.8</b>	<b>28.1</b>	<b>22.1</b>	<b>8.0</b>	<b>58.1</b>	<b>3.6</b>	<b>3.7</b>	<b>7.9</b>	<b>3.2</b>	<b>W</b>	<b>11.0</b>
<b>1998</b>												
January .....	13.6	13.8	27.4	20.9	8.2	56.5	3.7	3.7	7.2	W	W	10.0
February .....	14.4	14.6	28.4	21.9	7.4	57.7	3.6	3.6	7.3	W	W	10.3
March .....	14.6	14.8	29.1	22.5	6.8	58.4	3.6	3.7	7.4	W	W	10.4
April .....	15.0	15.2	29.7	22.8	8.6	61.2	3.7	3.7	7.5	W	W	10.5
May .....	14.9	15.2	29.9	23.5	9.8	63.1	3.8	3.8	7.5	W	W	10.6
June .....	15.3	15.6	30.3	24.2	8.2	62.7	3.9	3.9	7.6	W	W	10.9
July .....	16.0	16.2	29.9	24.0	10.7	64.6	4.1	4.1	7.6	W	W	11.1

See footnotes at end of table.

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

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>1994</b> .....	<b>0.2</b>	<b>0.2</b>	<b>1.2</b>	<b>0.5</b>	<b>0.2</b>	<b>1.9</b>	<b>1.0</b>	<b>1.0</b>	<b>4.0</b>	<b>2.4</b>	<b>0.8</b>	<b>7.2</b>
<b>1995</b> .....	<b>3.1</b>	<b>3.2</b>	<b>12.0</b>	<b>W</b>	<b>W</b>	<b>18.9</b>	<b>14.0</b>	<b>14.4</b>	<b>40.1</b>	<b>25.9</b>	<b>6.6</b>	<b>72.6</b>
<b>1996</b>												
January .....	3.0	3.1	11.2	5.1	1.1	17.4	13.5	13.8	37.5	23.5	4.8	65.8
February .....	3.1	3.1	11.8	5.4	1.3	18.6	13.8	14.1	39.5	25.4	7.2	72.1
March .....	3.1	3.1	11.8	5.4	1.2	18.4	14.6	15.0	41.0	25.7	6.9	73.5
April .....	3.0	3.1	12.1	5.4	1.5	19.1	16.1	16.6	46.0	28.8	9.5	84.2
May .....	2.8	2.9	11.0	5.1	1.7	17.9	17.4	17.9	48.1	30.8	12.8	91.8
June .....	3.0	3.1	11.6	5.5	2.3	19.3	18.1	18.6	48.4	32.0	11.2	91.5
July .....	3.1	3.2	11.5	5.6	1.6	18.7	17.8	18.6	47.4	31.2	10.7	89.3
August .....	3.2	3.3	12.0	5.7	1.5	19.2	18.0	18.8	48.6	32.1	11.6	92.3
September .....	3.2	3.3	11.9	5.2	1.9	19.0	18.2	18.9	47.5	29.7	10.6	87.8
October .....	3.2	3.3	12.0	5.3	1.4	18.7	18.8	19.6	48.5	30.0	8.3	86.8
November .....	3.2	3.3	12.0	5.2	1.3	18.5	18.8	19.5	48.5	30.1	9.8	88.4
December .....	3.2	3.3	11.6	5.2	1.6	18.4	19.4	20.2	47.6	30.5	11.3	89.4
<b>1996</b> .....	<b>3.1</b>	<b>3.2</b>	<b>11.7</b>	<b>5.3</b>	<b>1.5</b>	<b>18.6</b>	<b>17.0</b>	<b>17.6</b>	<b>45.7</b>	<b>29.2</b>	<b>9.6</b>	<b>84.5</b>
<b>1997</b>												
January .....	2.9	3.0	11.0	W	W	16.8	17.5	18.2	45.9	28.6	9.5	83.9
February .....	3.0	3.1	11.5	W	W	17.1	18.6	19.3	48.0	29.2	8.5	85.6
March .....	3.1	3.3	11.6	W	W	18.2	19.1	19.8	48.1	30.0	9.6	87.7
April .....	3.2	3.4	11.7	W	W	18.2	19.0	19.8	48.6	29.3	8.4	86.3
May .....	3.2	3.4	11.5	5.6	1.5	18.6	18.6	19.4	46.7	30.9	10.0	87.6
June .....	3.4	3.6	11.8	W	W	19.0	18.9	19.7	47.2	30.9	9.0	87.0
July .....	3.7	3.9	11.8	W	W	19.0	21.2	21.9	47.2	32.1	8.6	88.0
August .....	3.6	3.8	11.4	W	W	18.5	22.3	22.9	47.5	32.5	10.3	90.4
September .....	3.4	3.7	10.7	W	W	17.1	22.0	22.7	46.1	30.6	8.9	85.6
October .....	3.5	3.6	11.1	W	W	18.4	22.2	22.7	46.8	31.2	11.2	89.2
November .....	3.5	3.5	11.6	W	W	18.9	21.5	21.8	47.9	29.9	9.0	86.8
December .....	3.8	3.8	11.8	W	W	19.2	23.4	23.7	48.5	31.1	10.6	90.3
<b>1997</b> .....	<b>3.4</b>	<b>3.5</b>	<b>11.5</b>	<b>5.3</b>	<b>1.5</b>	<b>18.3</b>	<b>20.4</b>	<b>21.0</b>	<b>47.4</b>	<b>30.5</b>	<b>9.5</b>	<b>87.4</b>
<b>1998</b>												
January .....	3.5	3.5	11.2	W	W	17.3	20.7	21.0	45.8	28.7	9.3	83.8
February .....	3.7	3.7	11.9	W	W	18.3	21.7	22.0	47.6	30.1	8.5	86.2
March .....	3.8	3.9	12.3	W	W	19.6	22.0	22.4	48.8	31.0	8.6	88.4
April .....	3.8	3.9	12.3	W	W	19.8	22.5	22.8	49.4	31.5	10.5	91.5
May .....	3.8	3.9	12.2	W	W	19.9	22.6	22.9	49.5	32.4	11.7	93.6
June .....	4.0	4.0	12.5	W	W	19.8	23.2	23.5	50.4	33.5	9.5	93.4
July .....	4.2	4.2	12.7	W	W	20.2	24.3	24.6	50.3	33.8	11.8	95.9

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

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

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

**Table 14. U.S. Propane (Consumer Grade) Prices by Sales Type**  
(Cents per Gallon Excluding Taxes)

Year Month	Sales to End Users							Sales for Resale
	Residential Consumers	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets	Petro- Chemical	Other End Users	Average	
<b>1994</b> .....	<b>87.2</b>	<b>76.5</b>	<b>65.2</b>	<b>73.6</b>	<b>31.1</b>	<b>63.4</b>	<b>77.6</b>	<b>33.6</b>
<b>1995</b> .....	<b>86.5</b>	<b>77.7</b>	<b>64.6</b>	<b>74.7</b>	<b>32.4</b>	<b>66.2</b>	<b>76.6</b>	<b>35.4</b>
<b>1996</b>								
January .....	92.8	82.5	68.1	NA	34.5	71.8	86.3	42.3
February .....	96.1	84.9	70.3	81.9	38.3	75.2	88.5	45.1
March .....	96.3	86.1	70.1	68.7	36.5	75.5	87.7	42.3
April .....	96.0	84.3	68.3	67.1	36.2	75.5	84.8	38.9
May .....	95.0	83.3	66.8	65.5	35.7	76.8	79.9	37.5
June .....	94.5	82.8	67.9	65.7	35.3	76.3	78.6	37.3
July .....	89.3	82.9	66.2	65.5	35.4	71.1	76.6	38.0
August .....	86.5	80.6	66.1	66.0	36.9	67.5	75.6	39.6
September .....	90.7	85.0	71.4	69.7	43.8	69.5	78.4	45.8
October .....	97.4	91.0	75.6	78.3	46.1	70.0	84.0	51.5
November .....	105.7	96.6	81.8	83.7	54.2	82.5	95.9	58.3
December .....	121.3	110.0	92.3	95.0	58.4	97.3	112.5	68.4
<b>1996</b> .....	<b>99.1</b>	<b>88.4</b>	<b>73.3</b>	<b>75.7</b>	<b>41.3</b>	<b>76.4</b>	<b>88.6</b>	<b>47.1</b>
<b>1997</b>								
January .....	118.1	106.3	90.2	88.8	52.9	93.9	110.2	61.2
February .....	107.4	97.2	79.5	77.8	42.1	82.9	98.1	46.2
March .....	102.2	87.7	79.6	74.7	41.0	79.6	90.2	42.7
April .....	98.5	88.3	76.5	71.4	36.2	78.6	84.6	39.1
May .....	97.2	86.9	73.7	70.0	35.9	80.0	81.0	38.0
June .....	96.8	87.8	81.2	69.5	35.5	80.5	82.2	37.4
July .....	91.7	86.8	79.8	68.5	35.3	74.0	79.8	37.0
August .....	87.4	84.8	79.2	67.1	36.9	71.2	78.4	38.4
September .....	88.4	84.3	80.9	68.2	37.6	70.0	78.5	40.4
October .....	91.4	85.1	81.0	69.9	39.5	65.6	79.5	41.9
November .....	93.3	86.7	80.4	69.2	38.6	68.1	83.2	40.8
December .....	95.5	87.4	81.2	69.1	35.2	71.4	86.8	38.7
<b>1997</b> .....	<b>100.2</b>	<b>90.0</b>	<b>81.5</b>	<b>72.6</b>	<b>38.3</b>	<b>74.4</b>	<b>88.4</b>	<b>42.6</b>
<b>1998</b>								
January .....	94.7	86.5	80.9	67.2	32.2	70.6	85.5	36.5
February .....	96.3	87.7	77.4	66.6	30.9	70.4	84.9	34.1
March .....	93.5	85.5	75.4	64.5	28.7	70.0	82.6	32.3
April .....	94.4	84.3	78.3	64.5	28.9	72.8	80.6	31.1
May .....	94.9	84.9	76.5	74.4	28.1	76.3	78.2	30.0
June .....	90.4	84.0	69.6	63.0	25.2	71.8	75.4	27.4
July .....	85.7	82.1	68.2	60.3	24.2	68.3	73.1	26.6

NA = Not available.

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

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

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

**Table 15. U.S. No. 2 Distillate<sup>a</sup> Prices by Sales Type**  
(Cents per Gallon Excluding Taxes)

Year Month	Sales to End Users						Sales for Resale
	Residential Consumers	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets <sup>b</sup>	Other End Users <sup>c</sup>	Average	
1983 .....	107.8	86.3	88.3	94.3	89.7	93.3	81.8
1984 .....	109.1	85.7	87.0	92.0	89.2	92.6	81.9
1985 .....	105.3	82.1	83.4	88.6	85.3	89.0	78.1
1986 .....	83.6	51.4	53.7	59.8	56.9	61.4	48.0
1987 .....	80.3	56.6	59.7	64.4	63.1	64.3	53.5
1988 .....	81.3	51.9	54.2	61.6	58.7	61.2	48.2
1989 .....	90.0	60.8	63.8	68.5	66.7	69.5	57.2
1990 .....	106.3	75.1	78.0	85.2	82.8	84.1	70.6
1991 .....	101.9	67.5	69.7	74.5	73.8	76.0	62.7
1992 .....	93.4	63.7	67.5	72.1	72.1	72.6	59.1
1993 .....	91.1	62.0	66.7	71.1	70.5	71.0	56.6
1994 .....	88.4	58.7	64.1	67.3	65.5	67.5	52.9
1995 .....	86.7	59.3	64.4	67.0	67.3	67.3	53.6
<b>1996</b>							
January .....	94.6	63.7	67.5	69.9	69.6	75.2	57.3
February .....	95.9	65.0	68.8	70.7	70.6	75.6	59.1
March .....	99.1	68.4	73.1	75.1	74.7	78.1	63.2
April .....	101.5	75.2	80.1	82.6	82.8	82.5	69.9
May .....	97.8	72.7	79.0	81.2	80.4	79.0	66.1
June .....	91.0	65.2	72.4	74.5	74.5	71.5	58.6
July .....	87.9	65.5	72.1	73.2	74.4	71.1	60.1
August .....	88.1	69.5	75.8	75.8	77.7	74.4	64.9
September .....	94.5	75.9	82.3	81.7	83.9	81.1	71.3
October .....	102.6	79.5	85.4	86.4	87.9	86.0	75.0
November .....	105.4	78.6	84.1	86.7	86.7	87.1	73.2
December .....	107.5	77.7	82.9	85.5	84.8	87.9	71.8
<b>1996 .....</b>	<b>98.9</b>	<b>71.4</b>	<b>77.1</b>	<b>78.8</b>	<b>79.3</b>	<b>79.3</b>	<b>66.0</b>
<b>1997</b>							
January .....	107.9	76.9	81.7	84.0	83.6	88.2	70.7
February .....	105.1	74.5	79.5	81.8	82.0	84.8	67.1
March .....	101.6	69.3	73.0	76.3	76.9	78.6	61.7
April .....	99.2	67.7	72.1	75.4	77.0	75.8	61.8
May .....	96.3	66.3	71.0	74.4	76.0	73.3	60.8
June .....	92.3	63.1	67.8	71.9	73.2	69.8	56.8
July .....	88.3	62.0	66.6	70.2	71.0	68.0	56.2
August .....	86.9	64.3	68.6	71.7	73.2	70.0	58.8
September .....	88.5	63.6	68.5	71.1	73.4	70.0	57.9
October .....	92.1	67.3	71.2	73.7	76.3	73.6	61.9
November .....	94.1	67.9	71.0	74.0	75.1	75.4	61.6
December .....	93.8	64.0	67.0	71.0	70.5	73.8	56.0
<b>1997 .....</b>	<b>98.4</b>	<b>67.4</b>	<b>71.2</b>	<b>74.3</b>	<b>75.5</b>	<b>75.3</b>	<b>61.1</b>
<b>1998</b>							
January .....	92.5	59.4	61.8	66.3	65.6	69.8	51.0
February .....	91.5	57.5	60.1	63.5	63.4	67.6	49.6
March .....	89.6	54.9	57.5	61.6	62.0	64.5	47.1
April .....	87.6	55.7	58.6	61.6	63.6	62.5	48.5
May .....	84.8	54.3	57.4	61.9	63.0	60.3	47.3
June .....	81.1	50.9	54.7	59.1	59.8	56.8	44.1
July .....	77.7	50.0	54.0	58.1	57.7	55.5	43.0

<sup>a</sup> Includes sales of No. 2 fuel oil and high- and low-sulfur diesel fuels.

<sup>b</sup> Includes low-sulfur diesel fuel only.

<sup>c</sup> All end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

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

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

**Table 16. U.S. No. 2 Diesel Fuel Prices by Sales Type**  
(Cents per Gallon Excluding Taxes)

Year Month	Sales to End Users					Sales for Resale
	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets <sup>a</sup>	Other End Users <sup>b</sup>	Average	
<b>1994</b> .....	<b>57.7</b>	<b>64.5</b>	<b>67.3</b>	<b>66.1</b>	<b>62.8</b>	<b>53.8</b>
<b>1995</b> .....	<b>58.8</b>	<b>64.9</b>	<b>67.0</b>	<b>67.7</b>	<b>63.6</b>	<b>54.6</b>
<b>1996</b>						
January .....	61.7	67.5	69.9	69.4	66.3	57.0
February .....	63.1	68.9	70.7	70.5	67.4	58.8
March .....	67.2	73.2	75.1	74.6	71.7	63.0
April .....	74.9	80.6	82.6	82.9	79.5	70.7
May .....	72.9	79.7	81.2	81.0	77.6	67.5
June .....	65.4	73.1	74.5	75.1	70.9	59.9
July .....	65.7	72.7	73.2	74.9	70.5	60.8
August .....	69.6	76.2	75.8	78.0	73.8	65.6
September .....	76.1	82.8	81.7	84.1	80.0	72.3
October .....	79.4	85.8	86.4	88.2	84.0	75.9
November .....	78.3	84.5	86.7	87.2	83.1	74.1
December .....	76.7	83.1	85.5	84.9	81.6	71.8
<b>1996</b> .....	<b>71.1</b>	<b>77.5</b>	<b>78.8</b>	<b>79.6</b>	<b>75.7</b>	<b>66.7</b>
<b>1997</b>						
January .....	75.5	81.8	84.0	83.8	80.3	70.7
February .....	73.6	79.5	81.8	82.2	78.3	68.4
March .....	68.4	73.2	76.3	77.1	73.1	63.4
April .....	67.2	72.5	75.4	77.4	72.3	62.8
May .....	66.0	71.3	74.4	76.3	71.4	61.3
June .....	62.8	68.1	71.9	73.6	68.6	57.3
July .....	61.8	67.0	70.2	71.8	67.2	56.6
August .....	64.3	69.2	71.7	73.8	69.2	59.6
September .....	63.4	69.3	71.1	73.9	68.6	58.7
October .....	67.1	71.7	73.7	76.6	71.7	62.6
November .....	67.3	71.6	74.0	75.7	71.5	62.6
December .....	62.5	67.5	71.0	70.9	67.3	56.4
<b>1997</b> .....	<b>66.6</b>	<b>71.5</b>	<b>74.3</b>	<b>75.9</b>	<b>71.4</b>	<b>61.6</b>
<b>1998</b>						
January .....	57.1	62.2	66.3	65.8	62.3	51.0
February .....	55.5	60.3	63.5	63.4	60.1	49.5
March .....	53.1	57.8	61.6	62.0	58.0	47.2
April .....	54.9	59.1	61.6	63.8	59.3	49.3
May .....	54.0	58.1	61.9	63.9	59.0	48.2
June .....	50.8	55.3	59.1	60.5	55.8	44.8
July .....	49.8	54.7	58.1	58.3	54.7	43.7

<sup>a</sup> Includes low-sulfur diesel fuel only.

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

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

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

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

**Table 17. U.S. No. 2 Diesel Fuel Prices by Sulfur Content and Sales Type**  
(Cents per Gallon Excluding Taxes)

Year Month	Low-Sulfur Diesel Fuel						High-Sulfur Diesel Fuel				
	Sales to End Users					Sales for Resale	Sales to End Users				Sales for Resale
	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets	Other End Users <sup>a</sup>	Average		Commercial/ Institutional Consumers	Industrial Consumers	Other End Users <sup>a</sup>	Average	
<b>1994</b> .....	<b>59.1</b>	<b>66.0</b>	<b>67.3</b>	<b>67.4</b>	<b>64.2</b>	<b>54.2</b>	<b>55.3</b>	<b>62.9</b>	<b>64.6</b>	<b>59.8</b>	<b>51.9</b>
<b>1995</b> .....	<b>59.8</b>	<b>66.3</b>	<b>67.0</b>	<b>68.4</b>	<b>64.5</b>	<b>55.1</b>	<b>56.8</b>	<b>63.6</b>	<b>66.7</b>	<b>61.4</b>	<b>52.4</b>
<b>1996</b>											
January .....	62.7	68.1	69.9	69.7	67.1	57.5	59.9	66.9	68.8	64.1	55.1
February .....	64.2	70.1	70.7	71.2	68.3	59.3	61.1	67.8	69.6	65.2	56.9
March .....	68.7	74.6	75.1	75.3	72.7	63.6	64.2	71.6	73.6	68.7	59.9
April .....	76.7	82.7	82.6	84.5	80.8	71.8	71.4	78.1	80.8	75.9	65.8
May .....	74.4	82.6	81.2	83.4	79.1	68.4	70.4	76.6	78.3	74.2	63.2
June .....	66.5	75.7	74.5	76.7	72.0	60.4	63.5	70.5	73.3	68.2	57.7
July .....	67.0	74.4	73.2	75.8	71.4	61.4	63.4	71.0	73.9	68.2	58.3
August .....	71.1	78.0	75.8	79.6	74.8	66.1	67.0	74.3	76.2	71.2	63.1
September .....	77.0	84.5	81.7	85.1	80.7	72.5	74.3	80.9	82.7	78.3	70.9
October .....	81.0	87.0	86.4	89.1	84.9	76.3	76.6	84.6	86.9	81.6	74.0
November .....	79.4	85.4	86.7	87.6	84.0	74.6	76.3	83.5	86.8	81.0	71.9
December .....	77.8	84.0	85.5	84.9	82.4	72.2	74.8	82.2	84.9	79.3	70.3
<b>1996</b> .....	<b>72.3</b>	<b>79.1</b>	<b>78.8</b>	<b>80.6</b>	<b>76.7</b>	<b>67.3</b>	<b>68.7</b>	<b>75.9</b>	<b>78.4</b>	<b>73.2</b>	<b>63.9</b>
<b>1997</b>											
January .....	76.6	82.9	84.0	84.0	81.2	71.1	73.5	80.8	83.5	78.0	69.4
February .....	74.8	81.7	81.8	82.5	79.3	68.9	71.3	77.5	81.7	75.4	66.4
March .....	69.1	74.8	76.3	77.2	73.8	64.0	66.8	71.7	77.1	70.7	60.8
April .....	67.8	74.1	75.4	77.4	72.9	63.2	65.6	71.0	77.4	70.6	60.5
May .....	66.4	72.0	74.4	76.4	71.9	61.8	64.9	70.5	76.2	69.8	59.1
June .....	63.1	68.6	71.9	73.9	69.1	57.6	62.2	67.7	73.1	66.8	56.1
July .....	61.8	67.5	70.2	71.9	67.6	56.9	61.8	66.6	71.5	66.0	55.2
August .....	64.5	69.9	71.7	74.4	69.7	59.9	63.9	68.4	72.8	67.6	58.0
September .....	63.6	70.4	71.1	74.3	69.0	58.8	63.1	68.1	73.3	67.3	57.9
October .....	67.3	72.4	73.7	76.9	71.9	62.9	66.7	71.0	76.2	70.9	61.0
November .....	67.5	72.2	74.0	76.3	71.9	63.0	67.0	71.1	75.0	70.2	59.9
December .....	62.9	67.3	71.0	71.5	67.9	56.7	61.5	67.8	70.1	65.2	54.8
<b>1997</b> .....	<b>67.0</b>	<b>72.2</b>	<b>74.3</b>	<b>76.2</b>	<b>71.9</b>	<b>61.9</b>	<b>65.8</b>	<b>70.8</b>	<b>75.4</b>	<b>69.8</b>	<b>60.2</b>
<b>1998</b>											
January .....	57.5	61.7	66.3	65.5	62.9	51.4	56.3	62.8	66.3	60.3	49.1
February .....	55.6	59.5	63.5	63.3	60.5	49.9	55.4	61.1	63.5	58.9	47.9
March .....	53.2	57.4	61.6	61.9	58.5	47.5	52.8	58.2	62.1	56.4	45.2
April .....	54.9	58.7	61.6	63.6	59.4	49.7	54.9	59.6	64.1	58.8	46.8
May .....	53.9	58.1	61.9	63.8	59.1	48.8	54.4	58.1	64.0	58.5	45.5
June .....	50.7	54.4	59.1	60.5	56.1	45.3	50.9	56.3	60.5	55.2	42.4
July .....	49.7	53.9	58.1	58.1	54.9	44.1	49.9	55.7	58.7	53.9	41.6

<sup>a</sup> All end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

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

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

**Table 18. Prices of No. 2 Distillate to Residences by PAD District and Selected States**  
(Cents per Gallon Excluding Taxes)

Year Month	U.S. Average	PAD District I								
		Average	CT	ME	MA	NH	RI	VT	DE	DC
1978	49.0	-	50.1	48.6	48.8	50.3	50.7	50.8	47.8	50.7
1979	70.4	-	72.0	68.8	70.9	72.5	72.8	72.5	68.2	74.2
1980	97.4	-	98.3	96.3	97.8	100.4	101.1	101.5	95.4	102.6
1981	119.4	-	121.7	120.4	121.3	123.7	123.8	125.4	117.3	127.4
1982	116.0	-	118.3	115.5	117.6	117.4	120.1	120.1	111.3	124.5
1983	107.8	109.0	109.1	102.8	109.1	104.1	110.5	112.9	106.0	117.0
1984	109.1	111.3	112.1	103.9	111.6	108.4	111.4	111.9	109.6	118.7
1985	105.3	106.8	108.0	99.7	107.0	102.4	106.7	107.7	104.6	114.3
1986	83.6	86.2	89.0	74.4	82.1	75.9	82.8	86.6	85.0	93.1
1987	80.3	81.4	83.4	74.7	80.6	76.5	82.5	81.1	79.3	91.8
1988	81.3	82.7	85.3	77.7	82.1	78.2	83.6	82.6	80.1	91.6
1989	90.0	91.7	92.9	89.4	92.6	89.3	93.9	90.5	88.2	98.6
1990	106.3	108.1	109.8	98.9	108.4	102.8	108.6	107.0	105.8	107.8
1991	101.9	104.1	106.2	96.0	103.0	91.6	99.9	101.9	99.7	112.2
1992	93.4	94.9	94.7	87.1	92.5	85.6	91.2	92.1	92.3	105.7
1993	91.1	92.1	91.9	82.6	89.7	82.8	89.3	90.4	89.9	104.5
1994	88.4	89.4	89.0	81.8	87.0	79.2	88.5	87.6	89.4	100.0
1995	86.7	87.5	86.4	78.7	84.4	77.9	87.4	85.3	87.0	101.0
<b>1996</b>										
January	94.6	96.1	94.5	93.0	92.0	89.1	94.9	92.6	94.7	111.7
February	95.9	97.5	96.2	93.2	93.8	90.8	95.6	93.7	94.4	112.9
March	99.1	100.6	99.6	96.7	99.3	93.8	99.7	97.3	96.1	117.7
April	101.5	102.7	102.1	98.7	101.5	96.5	98.8	100.3	100.7	115.9
May	97.8	98.1	96.8	95.4	95.9	93.6	94.9	98.8	98.0	109.7
June	91.0	91.3	88.8	90.1	87.9	87.2	88.7	92.2	91.9	102.5
July	87.9	88.0	84.9	87.5	87.5	83.6	87.7	88.5	91.0	97.3
August	88.1	88.2	84.0	89.5	89.0	85.1	88.3	89.0	91.0	99.2
September	94.5	94.4	92.5	96.4	93.1	91.9	96.6	94.4	95.3	106.2
October	102.6	103.5	103.0	101.1	103.0	99.1	104.0	100.7	103.1	120.9
November	105.4	106.1	105.0	103.4	103.7	99.7	104.5	101.9	105.9	125.7
December	107.5	108.5	108.1	105.1	105.9	101.6	106.4	103.6	106.7	129.2
1996	98.9	100.0	98.6	97.2	97.6	94.0	98.6	96.9	98.4	117.8
<b>1997</b>										
January	107.9	109.0	108.7	105.2	106.4	102.2	106.9	104.4	106.5	130.9
February	105.1	106.0	105.2	102.2	103.4	101.0	104.5	103.5	104.2	127.0
March	101.6	102.5	99.3	94.3	97.7	98.6	100.6	103.1	99.4	122.1
April	99.2	100.2	97.6	90.9	95.9	95.2	99.6	100.4	99.1	W
May	96.3	97.1	93.4	90.6	93.0	91.9	97.3	97.7	95.0	108.6
June	92.3	93.0	89.9	88.0	89.1	89.1	94.1	92.9	89.8	99.9
July	88.3	88.8	83.7	86.7	87.5	85.6	91.8	91.1	87.3	99.9
August	86.9	86.7	84.5	85.7	84.7	85.3	91.0	92.7	87.8	W
September	88.5	88.7	85.5	87.1	87.0	86.3	91.2	91.7	87.8	96.6
October	92.1	92.5	89.0	90.2	89.4	88.2	94.6	93.1	88.1	W
November	94.1	94.6	91.4	92.3	90.7	88.6	95.4	94.7	92.0	W
December	93.8	94.5	91.7	91.0	89.7	88.5	94.6	94.1	94.3	W
1997	98.4	99.2	96.3	94.3	96.0	94.2	99.0	98.7	98.0	117.6
<b>1998</b>										
January	92.5	93.6	91.4	88.7	88.8	87.4	93.4	92.9	92.5	111.0
February	91.5	92.7	90.0	85.7	87.6	86.7	92.6	91.7	91.9	110.0
March	89.6	90.8	88.6	83.0	86.6	84.4	90.2	92.2	90.6	104.9
April	87.6	88.5	85.7	81.6	83.4	81.3	88.9	89.1	88.5	100.3
May	84.8	85.8	83.2	80.3	81.8	79.4	87.2	86.9	81.7	NA
June	81.1	82.1	78.1	78.6	78.4	75.6	84.4	84.3	79.9	89.8
July	77.7	78.4	74.3	76.0	76.1	70.9	82.8	81.4	74.1	84.0

See footnotes at end of table.

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

(Cents per Gallon Excluding Taxes) — Continued

Year Month	PAD District I (Continued)						PAD District II			
	MD	NJ	NY	PA	VA	WV	Average	IL	IN	MI
1978	49.2	49.6	50.1	48.8	49.1	46.2	—	46.5	48.5	47.9
1979	70.1	71.0	71.2	69.8	70.4	65.1	—	68.8	72.7	70.9
1980	97.9	97.9	98.2	96.4	98.5	92.2	—	95.8	99.6	97.8
1981	121.4	121.5	123.2	118.1	120.5	115.0	—	114.9	118.5	118.3
1982	117.1	117.4	120.5	113.7	117.7	109.3	—	110.9	114.3	113.9
1983	110.3	107.9	112.1	105.8	108.7	101.0	102.0	100.4	100.7	106.4
1984	113.5	111.0	115.5	107.9	110.5	102.1	101.7	100.1	103.1	105.0
1985	108.8	105.9	111.3	102.3	106.3	98.0	99.4	97.5	99.1	102.1
1986	91.4	90.2	91.1	81.4	86.6	74.6	72.7	NA	74.8	81.0
1987	86.6	84.3	85.2	76.9	79.5	76.4	74.8	79.8	75.4	77.5
1988	87.0	84.8	86.3	77.8	80.5	74.2	74.3	77.6	75.4	77.5
1989	93.8	91.8	95.8	85.1	87.0	83.0	81.9	80.9	83.2	85.3
1990	111.9	108.8	112.5	102.6	110.6	99.1	97.8	96.1	99.3	100.9
1991	108.4	104.0	111.3	99.7	101.1	93.4	90.8	92.7	91.8	94.2
1992	100.0	93.9	102.8	89.0	92.8	86.4	82.9	87.7	81.2	87.2
1993	98.1	92.4	100.1	86.3	89.3	85.6	83.3	84.4	81.0	87.2
1994	95.0	89.5	96.6	85.7	85.3	80.9	80.8	78.4	81.2	86.3
1995	93.6	88.8	95.5	82.6	84.4	81.5	80.9	78.5	81.6	86.0
<b>1996</b>										
January	103.9	97.8	102.9	92.3	91.3	90.7	84.4	84.4	85.6	89.6
February	104.1	100.5	104.1	93.1	92.8	93.8	85.7	85.8	86.4	91.2
March	106.4	103.5	106.6	95.9	93.6	95.8	89.4	88.7	90.7	97.0
April	105.8	105.4	109.0	97.1	95.4	97.0	93.4	90.4	93.5	101.0
May	104.4	98.2	105.2	92.9	91.7	91.4	92.6	89.9	93.0	99.6
June	97.3	91.8	101.4	83.9	88.2	89.9	86.3	80.6	86.2	94.6
July	93.7	89.7	97.2	79.4	88.5	88.6	85.9	78.9	85.6	92.2
August	93.7	90.6	93.4	82.0	89.1	88.9	86.0	83.0	87.4	92.5
September	99.3	97.3	99.1	88.9	92.6	94.9	92.2	87.1	92.8	98.6
October	108.1	105.7	107.9	99.4	98.6	101.1	96.8	92.4	96.6	102.6
November	111.8	108.8	111.6	102.2	102.2	104.6	100.7	96.8	102.4	106.4
December	114.9	111.1	114.4	104.0	104.3	104.3	100.5	98.1	100.8	106.4
<b>1996</b>	<b>106.3</b>	<b>102.4</b>	<b>106.3</b>	<b>95.3</b>	<b>95.2</b>	<b>96.0</b>	<b>91.3</b>	<b>89.3</b>	<b>91.2</b>	<b>97.7</b>
<b>1997</b>										
January	117.0	111.3	114.7	104.2	105.5	103.8	99.7	98.8	100.9	105.6
February	115.0	108.4	112.0	102.2	102.6	101.2	97.6	93.3	97.0	104.4
March	108.1	104.6	111.5	97.7	100.4	98.1	93.3	90.2	94.6	NA
April	105.6	102.5	109.7	95.0	96.7	95.7	90.6	83.4	NA	91.7
May	101.9	99.9	107.9	92.4	89.9	92.9	90.1	79.9	88.4	90.7
June	98.0	96.9	103.9	87.8	87.8	90.6	87.3	79.7	84.0	88.3
July	96.1	90.5	100.0	82.1	85.9	87.4	83.1	78.4	79.7	84.9
August	93.8	89.6	92.9	80.7	85.2	85.0	84.4	81.2	83.6	87.4
September	94.5	90.7	94.5	82.8	85.2	87.5	84.7	77.4	80.2	88.3
October	97.8	94.8	100.6	85.9	90.3	88.3	87.2	82.6	84.0	88.9
November	100.3	97.2	101.6	89.5	91.8	92.2	88.4	81.6	85.0	93.6
December	100.9	97.8	101.7	89.9	92.6	93.6	85.8	82.1	81.8	88.8
<b>1997</b>	<b>105.8</b>	<b>102.9</b>	<b>106.6</b>	<b>94.9</b>	<b>94.8</b>	<b>96.2</b>	<b>90.9</b>	<b>86.3</b>	<b>86.4</b>	<b>94.2</b>
<b>1998</b>										
January	100.4	96.2	101.4	89.2	92.1	91.0	82.5	80.3	79.7	85.9
February	98.7	95.4	100.8	88.5	91.4	88.9	80.6	79.1	78.8	85.0
March	96.8	92.6	98.3	86.3	89.6	88.6	79.4	76.9	77.9	83.3
April	93.1	91.3	97.1	84.0	88.4	86.8	79.0	73.6	77.0	81.8
May	89.0	89.2	95.0	82.1	83.8	82.1	76.3	69.4	73.2	79.9
June	85.8	83.6	92.1	75.7	82.4	79.9	74.2	66.4	72.1	79.3
July	81.2	79.8	89.0	70.1	81.2	73.7	72.8	69.5	69.8	76.5

See footnotes at end of table.

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

(Cents per Gallon Excluding Taxes) — Continued

Year Month	PAD District II (Continued)			PAD District III Average	PAD District IV		PAD District V			
	MN	OH	WI		Average	ID	Average	AK	OR	WA
1978	47.8	47.4	44.7	—	—	43.6	—	53.2	45.8	48.6
1979	72.4	68.6	67.3	—	—	62.1	—	68.2	68.0	69.7
1980	99.9	91.9	91.5	—	—	91.6	—	97.8	97.3	100.8
1981	118.4	113.2	109.1	—	—	110.4	—	118.0	111.4	116.5
1982	115.1	110.2	107.8	—	—	110.4	—	117.4	111.6	117.6
1983	103.1	101.3	101.2	87.4	94.2	101.8	106.4	108.8	103.6	109.0
1984	104.1	102.1	101.0	97.9	96.8	98.5	101.5	106.9	99.3	102.6
1985	101.9	99.7	98.3	92.5	96.1	97.2	100.9	108.3	97.1	101.1
1986	79.2	77.7	75.6	67.4	70.6	73.8	78.1	94.9	70.4	77.5
1987	74.6	74.7	75.1	63.7	69.6	68.8	77.8	86.5	72.5	79.5
1988	73.5	74.7	73.9	62.8	69.1	68.8	76.9	86.9	70.9	78.5
1989	82.4	81.6	81.1	70.7	78.6	77.8	86.6	96.4	80.2	87.4
1990	101.4	98.1	94.2	85.5	97.0	97.4	102.6	110.1	97.0	102.9
1991	91.1	91.0	89.5	78.7	92.4	95.1	99.8	105.0	93.3	101.6
1992	82.6	83.6	81.6	71.3	84.8	85.7	92.1	94.1	87.6	94.0
1993	83.2	84.0	82.3	75.4	86.0	86.2	96.8	96.1	91.8	99.9
1994	80.6	81.2	81.1	71.4	78.6	78.9	90.9	86.5	88.7	95.0
1995	80.1	80.8	81.2	69.0	84.4	83.9	90.6	83.4	89.4	96.2
<b>1996</b>										
January	82.7	85.5	83.3	70.9	88.0	87.2	92.5	84.0	90.1	99.7
February	83.7	87.7	83.9	72.4	88.0	86.8	92.5	83.3	90.9	99.6
March	86.7	91.6	87.1	75.5	87.8	86.6	93.1	84.5	90.0	101.1
April	91.4	95.3	91.5	82.2	96.4	95.7	101.3	90.0	101.0	109.7
May	92.0	91.3	92.2	76.5	99.7	97.1	107.9	97.9	108.6	116.7
June	85.5	86.8	88.4	70.3	86.9	91.0	103.4	96.2	NA	112.8
July	84.3	86.5	88.6	68.2	86.9	92.3	96.2	92.7	96.4	103.8
August	86.2	82.2	87.8	75.7	88.8	98.4	94.3	92.3	94.3	99.8
September	91.8	92.8	91.1	84.0	98.8	101.3	105.5	95.7	109.1	115.8
October	97.8	98.2	95.6	87.1	97.9	97.8	106.8	96.7	108.6	116.4
November	102.4	100.8	98.7	NA	102.4	98.1	107.4	96.9	107.5	115.3
December	100.4	101.5	98.9	87.4	98.3	95.4	106.7	96.4	105.1	114.9
<b>1996</b>	<b>90.9</b>	<b>92.1</b>	<b>89.9</b>	<b>77.5</b>	<b>94.2</b>	<b>93.3</b>	<b>99.9</b>	<b>90.9</b>	<b>98.9</b>	<b>108.0</b>
<b>1997</b>										
January	99.2	100.7	98.3	85.5	96.6	94.9	108.5	97.1	105.8	117.6
February	96.9	98.4	96.8	79.7	97.1	94.5	109.0	97.5	106.7	118.8
March	91.7	92.6	96.7	82.0	97.3	100.6	109.1	98.7	107.5	116.6
April	89.7	92.4	92.9	79.0	95.7	98.3	107.6	97.5	106.1	114.9
May	89.1	90.1	93.4	71.0	94.5	98.4	103.8	96.4	104.6	109.1
June	87.4	86.8	90.8	71.3	83.8	92.3	102.4	96.0	100.2	112.2
July	84.8	83.1	86.7	70.8	90.0	90.3	103.2	97.5	96.9	NA
August	86.0	81.7	86.5	72.8	88.2	90.5	101.6	96.4	99.2	108.8
September	84.9	84.3	88.0	72.3	89.9	91.2	103.6	96.6	101.5	110.9
October	87.1	88.2	89.6	73.9	92.0	93.6	104.4	97.7	102.0	111.9
November	87.0	89.3	89.7	72.9	93.6	94.3	105.7	98.0	102.6	112.8
December	84.9	85.8	88.6	68.5	92.4	93.4	102.4	96.3	98.5	109.0
<b>1997</b>	<b>90.2</b>	<b>91.3</b>	<b>93.3</b>	<b>75.5</b>	<b>93.7</b>	<b>95.3</b>	<b>106.0</b>	<b>97.2</b>	<b>103.2</b>	<b>114.0</b>
<b>1998</b>										
January	81.5	81.9	85.4	66.2	83.3	85.0	98.9	NA	93.6	105.7
February	78.1	80.6	83.7	64.7	79.4	80.8	95.0	87.1	89.3	102.4
March	77.2	79.3	82.5	62.3	77.0	78.6	92.8	86.2	85.8	99.6
April	77.8	79.2	81.5	63.0	78.0	78.3	92.7	86.6	86.2	99.9
May	73.1	77.8	80.5	61.2	74.3	74.4	90.9	86.1	85.2	98.9
June	69.3	74.4	78.8	W	72.1	69.6	86.3	85.8	81.8	91.5
July	69.7	72.5	77.7	55.6	70.8	66.7	82.7	81.8	80.6	87.1

Dash (—) = No data reported.

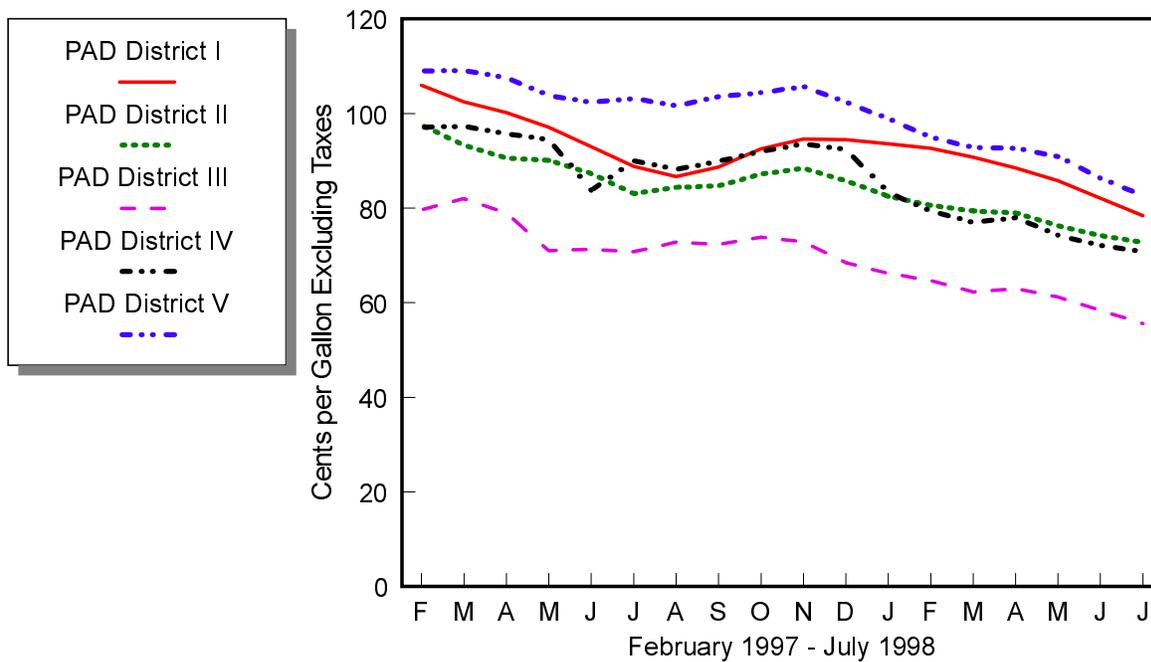
NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

Figure 6. U.S. No. 2 Distillate Prices to Residences by PAD District



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

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

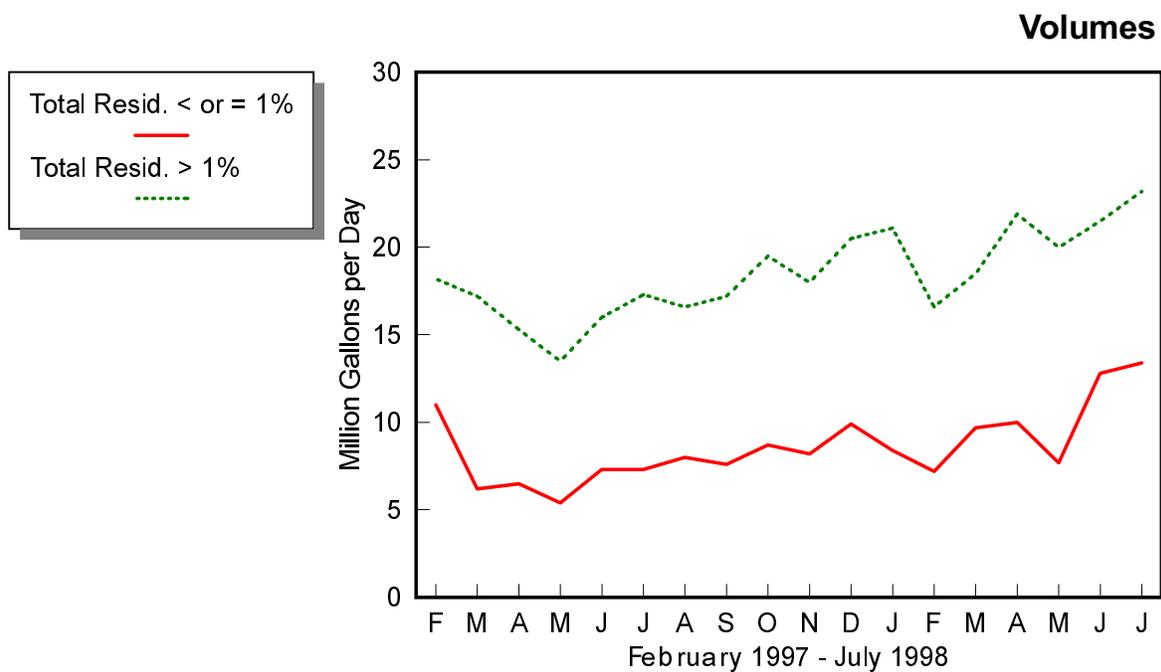
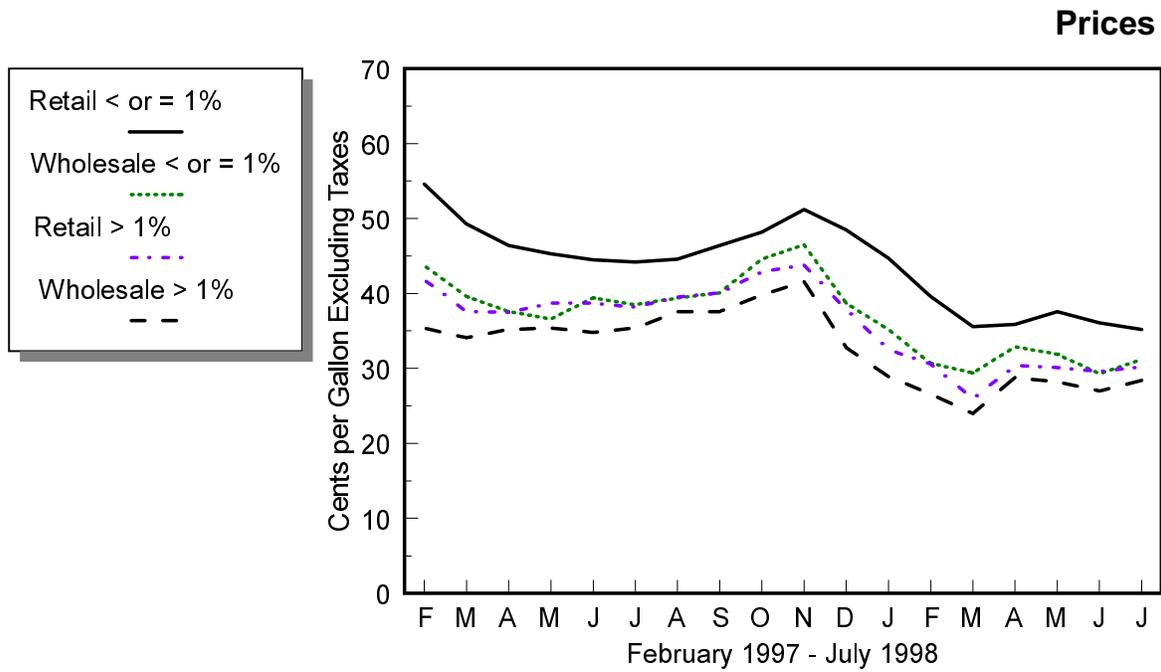
(Cents per Gallon Excluding Taxes)

Year Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>1978</b> .....	31.4	29.3	27.5	24.5	29.8	26.3
<b>1979</b> .....	46.8	45.0	38.9	36.6	43.6	39.9
<b>1980</b> .....	67.5	60.8	52.3	47.9	60.7	52.8
<b>1981</b> .....	82.9	74.8	67.3	62.2	75.6	66.3
<b>1982</b> .....	74.7	69.5	61.1	57.2	67.6	61.2
<b>1983</b> .....	69.5	64.3	61.1	59.1	65.1	60.9
<b>1984</b> .....	72.0	68.5	65.9	63.9	68.7	65.4
<b>1985</b> .....	64.4	61.0	58.2	56.0	61.0	57.7
<b>1986</b> .....	37.2	32.8	31.7	28.9	34.3	30.5
<b>1987</b> .....	44.7	41.2	39.6	36.2	42.3	38.5
<b>1988</b> .....	37.2	33.3	30.0	27.1	33.4	30.0
<b>1989</b> .....	43.6	40.7	34.4	33.1	38.5	36.0
<b>1990</b> .....	50.5	47.2	40.0	37.2	44.4	41.3
<b>1991</b> .....	40.2	36.4	30.6	29.2	34.0	31.4
<b>1992</b> .....	38.9	35.1	31.2	28.6	33.6	30.8
<b>1993</b> .....	39.7	33.7	30.3	25.6	33.7	29.3
<b>1994</b> .....	40.1	34.5	33.0	28.7	35.2	31.7
<b>1995</b> .....	43.6	38.3	37.7	33.8	39.2	36.3
<b>1996</b>						
January .....	54.8	49.9	44.7	38.0	47.9	45.2
February .....	53.2	42.6	41.7	36.8	44.9	40.1
March .....	51.9	47.1	42.1	36.0	44.7	42.0
April .....	51.1	48.3	43.0	39.9	45.1	43.7
May .....	51.1	45.0	41.4	36.9	43.3	41.0
June .....	47.3	40.4	38.4	35.0	40.8	37.4
July .....	48.6	41.4	38.7	37.3	41.0	38.9
August .....	49.8	41.9	39.5	37.2	42.0	39.0
September .....	51.2	42.6	43.2	40.3	44.9	41.2
October .....	54.7	47.8	47.1	43.1	48.5	45.0
November .....	57.0	49.2	48.0	44.5	49.7	46.3
December .....	58.6	51.4	47.5	43.0	49.9	46.0
<b>1996</b> .....	<b>52.6</b>	<b>45.6</b>	<b>43.3</b>	<b>38.9</b>	<b>45.5</b>	<b>42.0</b>
<b>1997</b>						
January .....	58.7	46.2	46.3	39.2	49.2	42.9
February .....	54.6	43.7	41.8	35.4	45.0	39.4
March .....	49.3	39.6	37.6	34.1	40.3	35.8
April .....	46.4	37.6	37.5	35.2	39.7	36.1
May .....	45.3	36.6	38.7	35.4	40.3	35.8
June .....	44.5	39.4	38.7	34.8	40.1	36.7
July .....	44.2	38.5	38.2	35.4	39.6	36.6
August .....	44.6	39.4	39.5	37.6	40.7	38.3
September .....	46.4	40.1	40.1	37.6	41.4	38.7
October .....	48.2	44.6	42.9	39.8	43.9	42.0
November .....	51.2	46.5	43.8	41.6	45.7	43.5
December .....	48.5	38.7	37.8	32.8	40.2	35.6
<b>1997</b> .....	<b>48.8</b>	<b>41.5</b>	<b>40.4</b>	<b>36.6</b>	<b>42.3</b>	<b>38.7</b>
<b>1998</b>						
January .....	44.7	35.2	32.5	28.9	35.3	31.1
February .....	39.6	30.7	30.6	26.6	32.7	28.2
March .....	35.6	29.4	26.0	24.0	28.6	26.4
April .....	35.9	32.9	30.4	28.8	31.7	30.3
May .....	37.6	31.9	30.1	28.2	31.8	29.4
June .....	36.1	29.3	29.6	27.0	31.3	27.9
July .....	35.2	31.2	30.2	28.4	31.5	29.6

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

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

Figure 7. U.S. Refiner Residual Fuel Oil Prices and Volumes



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

**Table 20. U.S. Refiner Residual Fuel Oil Volumes**  
(Million Gallons per Day)

Year Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Total	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
1983 .....	13.4	7.2	14.9	12.9	28.3	20.2
1984 .....	15.1	6.7	17.8	14.6	32.9	21.3
1985 .....	11.4	7.0	13.8	12.9	25.2	19.9
1986 .....	15.2	7.9	16.4	10.7	31.6	18.6
1987 .....	15.1	7.8	13.9	9.1	29.0	16.9
1988 .....	14.2	8.7	15.9	10.3	30.2	18.9
1989 .....	13.4	7.9	17.0	13.1	30.4	21.0
1990 .....	11.1	7.4	14.9	10.5	25.9	17.9
1991 .....	8.6	5.6	15.5	12.2	24.0	17.8
1992 .....	7.1	5.2	15.3	10.0	22.4	15.2
1993 .....	6.2	5.7	11.1	6.9	17.2	12.6
1994 .....	4.2	6.6	9.3	6.2	13.5	12.8
1995 .....	2.9	7.7	8.7	5.9	11.6	13.6
<b>1996</b>						
January .....	4.6	10.0	9.8	6.7	14.4	16.7
February .....	4.2	8.6	10.9	6.4	15.0	15.0
March .....	3.3	9.0	9.4	7.7	12.7	16.7
April .....	3.0	6.1	8.8	7.4	11.8	13.5
May .....	2.0	6.5	8.7	6.2	10.7	12.7
June .....	3.0	6.4	8.3	7.8	11.3	14.1
July .....	2.7	5.5	9.0	8.6	11.7	14.1
August .....	3.0	6.1	9.3	9.5	12.3	15.6
September .....	2.3	4.3	8.7	7.5	10.9	11.8
October .....	2.4	4.5	11.1	6.6	13.5	11.2
November .....	2.8	4.3	11.6	7.0	14.3	11.3
December .....	3.5	4.4	12.2	8.0	15.7	12.3
<b>1996</b> .....	<b>3.1</b>	<b>6.3</b>	<b>9.8</b>	<b>7.4</b>	<b>12.9</b>	<b>13.8</b>
<b>1997</b>						
January .....	3.6	7.3	11.4	6.5	15.0	13.8
February .....	3.8	6.5	11.3	6.9	15.1	13.5
March .....	3.2	3.0	10.7	6.5	13.8	9.5
April .....	2.8	3.7	8.5	6.8	11.3	10.5
May .....	2.7	2.7	8.2	5.3	10.9	8.0
June .....	3.0	4.3	9.4	6.6	12.4	10.9
July .....	3.2	4.1	10.4	6.9	13.7	11.1
August .....	2.9	5.1	9.4	7.2	12.3	12.3
September .....	2.6	5.0	10.3	6.9	12.9	11.8
October .....	2.9	5.8	12.5	7.0	15.4	12.7
November .....	3.6	4.6	10.8	7.2	14.4	11.8
December .....	3.9	6.0	13.6	6.9	17.5	12.9
<b>1997</b> .....	<b>3.2</b>	<b>4.8</b>	<b>10.6</b>	<b>6.7</b>	<b>13.7</b>	<b>11.6</b>
<b>1998</b>						
January .....	3.6	4.8	11.9	9.2	15.5	14.0
February .....	3.1	4.1	10.4	6.2	13.5	10.2
March .....	4.2	5.5	11.3	7.2	15.5	12.7
April .....	3.5	6.5	11.0	10.9	14.4	17.4
May .....	3.0	4.7	10.2	9.8	13.2	14.5
June .....	3.7	6.8	10.2	11.3	13.8	18.2
July .....	4.7	8.7	12.7	10.5	17.4	19.2

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

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