

**Table 16. Adjusted Sales of Distillate Fuel Oil by End Use, 1998 and 1999**

(Thousand Gallons)

Destination	Residential		Commercial		Industrial	
	1998	1999	1998	1999	1998	1999
<b>U.S. Total</b> .....	<b>5,633,409</b>	<b>5,847,762</b>	<b>3,044,495</b>	<b>3,003,653</b>	<b>2,258,248</b>	<b>2,170,075</b>
<b>PAD District I Total</b> .....	<b>4,783,009</b>	<b>5,067,702</b>	<b>1,967,367</b>	<b>1,994,985</b>	<b>758,267</b>	<b>729,922</b>
<b>Subdistrict IA Total</b> .....	<b>1,933,505</b>	<b>2,021,728</b>	<b>580,952</b>	<b>513,496</b>	<b>96,280</b>	<b>82,686</b>
Connecticut .....	473,268	544,912	112,564	111,860	22,405	17,143
Maine .....	323,193	314,282	117,608	117,888	31,715	21,984
Massachusetts .....	726,585	752,643	231,260	161,736	20,701	19,469
New Hampshire .....	184,820	191,290	52,849	60,574	6,822	10,648
Rhode Island .....	139,718	133,476	26,526	21,509	7,701	6,125
Vermont .....	85,921	85,126	40,144	39,929	6,936	7,317
<b>Subdistrict IB Total</b> .....	<b>2,454,172</b>	<b>2,663,492</b>	<b>972,927</b>	<b>1,084,674</b>	<b>251,521</b>	<b>255,222</b>
Delaware .....	34,429	38,496	12,392	13,663	4,628	4,213
District of Columbia .....	10,065	8,811	13,618	14,147	292	-
Maryland .....	184,602	197,097	109,341	93,401	67,230	48,973
New Jersey .....	390,578	412,550	130,999	174,016	40,574	36,692
New York .....	1,139,875	1,196,908	509,850	588,863	41,789	57,298
Pennsylvania .....	694,622	809,630	196,727	200,585	97,008	108,045
<b>Subdistrict IC Total</b> .....	<b>395,332</b>	<b>382,481</b>	<b>413,488</b>	<b>396,815</b>	<b>410,465</b>	<b>392,015</b>
Florida .....	4,660	4,254	59,595	76,028	53,374	56,360
Georgia .....	4,001	2,309	30,633	51,136	45,231	52,873
North Carolina .....	128,080	125,313	110,584	91,267	82,075	74,136
South Carolina .....	20,341	21,229	64,282	44,032	23,294	31,774
Virginia .....	214,843	209,061	132,544	120,932	88,685	73,253
West Virginia .....	23,407	20,314	15,849	13,419	117,805	103,618
<b>PAD District II Total</b> .....	<b>620,486</b>	<b>605,506</b>	<b>560,518</b>	<b>510,839</b>	<b>774,998</b>	<b>682,979</b>
Illinois .....	17,267	19,417	76,959	56,060	115,874	74,446
Indiana .....	43,583	40,043	58,794	49,285	103,693	115,056
Iowa .....	22,736	20,531	19,137	18,616	31,388	26,590
Kansas .....	472	529	18,227	18,127	14,954	16,403
Kentucky .....	24,176	20,008	43,758	41,939	154,029	122,601
Michigan .....	109,667	114,503	62,241	53,590	51,046	48,029
Minnesota .....	105,059	80,374	34,828	33,977	51,221	37,532
Missouri .....	12,150	11,719	47,946	39,100	42,621	53,266
Nebraska .....	2,671	2,937	9,162	8,365	20,668	15,047
North Dakota .....	21,976	18,539	11,122	8,944	8,002	6,097
Ohio .....	119,569	131,252	46,456	69,230	68,865	65,677
Oklahoma .....	51	80	25,585	13,852	8,832	7,832
South Dakota .....	15,802	12,856	9,802	7,728	3,036	7,678
Tennessee .....	9,517	8,813	39,234	36,686	40,371	27,837
Wisconsin .....	115,792	123,903	57,267	55,341	60,397	58,889
<b>PAD District III Total</b> .....	<b>310</b>	<b>1,438</b>	<b>138,454</b>	<b>197,931</b>	<b>203,760</b>	<b>373,809</b>
Alabama .....	172	266	16,344	23,380	47,150	70,442
Arkansas .....	15	37	10,322	10,677	10,856	12,782
Louisiana .....	29	141	8,723	22,562	8,484	43,507
Mississippi .....	30	80	10,536	10,653	14,339	50,491
New Mexico .....	57	827	3,984	12,949	24,677	31,352
Texas .....	8	87	88,545	117,711	98,253	165,235
<b>PAD District IV Total</b> .....	<b>42,623</b>	<b>39,032</b>	<b>98,835</b>	<b>115,813</b>	<b>190,151</b>	<b>198,292</b>
Colorado .....	889	469	41,516	38,773	23,495	27,653
Idaho .....	17,823	22,700	19,720	24,578	28,496	28,149
Montana .....	19,343	10,748	5,454	6,776	16,432	17,588
Utah .....	3,356	3,765	25,077	28,288	35,067	36,114
Wyoming .....	1,212	1,351	7,067	17,398	86,661	88,789
<b>PAD District V Total</b> .....	<b>186,981</b>	<b>134,085</b>	<b>279,321</b>	<b>184,084</b>	<b>331,073</b>	<b>185,074</b>
Alaska .....	64,704	50,511	41,337	32,548	29,061	16,851
Arizona .....	173	89	43,413	23,483	84,303	47,598
California .....	6,534	4,254	102,852	68,215	60,089	34,810
Hawaii .....	13	7	8,149	6,457	1,754	1,200
Nevada .....	10,550	5,170	11,942	9,056	108,879	57,596
Oregon .....	36,999	27,061	38,487	20,712	32,953	17,519
Washington .....	68,008	46,993	33,142	23,615	14,034	9,501

See footnotes at end of table.

**Table 16. Adjusted Sales of Distillate Fuel Oil by End Use, 1998 and 1999 (Continued)**

(Thousand Gallons)

Destination	Oil Company		Farm		Electric Utility	
	1998	1999	1998	1999	1998	1999
<b>U.S. Total</b> .....	<b>565,174</b>	<b>576,997</b>	<b>3,033,405</b>	<b>2,899,222</b>	<b>962,921</b>	<b>912,807</b>
<b>PAD District I Total</b> .....	<b>7,065</b>	<b>10,153</b>	<b>385,841</b>	<b>457,479</b>	<b>442,618</b>	<b>391,365</b>
<b>Subdistrict IA Total</b> .....	<b>98</b>	<b>12</b>	<b>18,470</b>	<b>27,381</b>	<b>15,471</b>	<b>15,017</b>
Connecticut .....	14	10	3,304	4,648	5,097	2,294
Maine .....	-	-	4,653	7,308	1,526	758
Massachusetts .....	78	2	2,839	5,480	5,026	8,605
New Hampshire .....	-	-	1,169	2,690	1,921	1,789
Rhode Island .....	-	-	55	345	1,404	1,411
Vermont .....	7	-	6,450	6,909	498	161
<b>Subdistrict IB Total</b> .....	<b>3,000</b>	<b>5,125</b>	<b>100,403</b>	<b>119,145</b>	<b>120,020</b>	<b>115,427</b>
Delaware .....	1,023	2,368	6,993	7,182	3,462	9,778
District of Columbia .....	-	-	-	-	21,553	25,565
Maryland .....	31	15	23,283	25,131	23,686	23,340
New Jersey .....	289	222	4,769	14,836	8,741	8,557
New York .....	748	9	38,605	40,074	3,789	3,047
Pennsylvania .....	910	2,510	26,753	31,922	58,789	45,141
<b>Subdistrict IC Total</b> .....	<b>3,967</b>	<b>5,016</b>	<b>266,969</b>	<b>310,953</b>	<b>307,126</b>	<b>260,922</b>
Florida .....	306	213	71,157	113,775	173,222	159,238
Georgia .....	315	771	108,037	100,244	46,246	27,675
North Carolina .....	132	119	34,346	37,848	31,541	26,385
South Carolina .....	4	-	16,809	14,112	31,220	16,271
Virginia .....	2,967	3	33,880	40,034	11,657	16,189
West Virginia .....	242	3,911	2,739	4,940	13,240	15,163
<b>PAD District II Total</b> .....	<b>43,466</b>	<b>26,160</b>	<b>1,582,727</b>	<b>1,381,814</b>	<b>252,760</b>	<b>242,885</b>
Illinois .....	774	266	204,813	132,416	49,421	14,329
Indiana .....	2,203	2,164	93,281	68,994	31,547	51,543
Iowa .....	-	-	192,804	162,717	8,552	13,368
Kansas .....	3,064	4,480	158,601	143,085	8,386	15,708
Kentucky .....	4,458	407	43,102	26,520	8,374	9,402
Michigan .....	2,158	287	50,556	72,631	28,313	31,651
Minnesota .....	267	-	163,613	119,124	6,763	9,678
Missouri .....	105	46	59,101	68,418	10,318	18,483
Nebraska .....	37	21	168,496	129,831	2,580	4,579
North Dakota .....	4,295	1,514	85,416	74,459	40,327	2,726
Ohio .....	1,491	266	83,212	64,604	35,456	46,656
Oklahoma .....	24,289	16,635	69,326	63,335	3,258	1,527
South Dakota .....	-	73	68,458	60,820	825	950
Tennessee .....	326	-	58,446	32,365	13,767	15,065
Wisconsin .....	-	2	83,502	162,496	4,873	7,220
<b>PAD District III Total</b> .....	<b>392,981</b>	<b>466,646</b>	<b>437,615</b>	<b>560,850</b>	<b>53,256</b>	<b>46,766</b>
Alabama .....	243	615	19,460	23,616	11,014	9,095
Arkansas .....	1,168	1,666	77,603	88,045	11,575	16,454
Louisiana .....	230,650	238,523	35,070	73,758	14,590	3,457
Mississippi .....	1,368	3,759	69,675	66,903	4,070	2,894
New Mexico .....	12,120	14,329	10,215	21,898	786	2,878
Texas .....	147,434	207,755	225,592	286,630	11,222	11,988
<b>PAD District IV Total</b> .....	<b>30,315</b>	<b>22,016</b>	<b>209,537</b>	<b>197,495</b>	<b>8,241</b>	<b>9,588</b>
Colorado .....	4,903	5,719	74,291	54,457	550	3,426
Idaho .....	-	-	41,812	54,333	29	10
Montana .....	1,745	2,265	55,691	55,850	-	105
Utah .....	5,528	2,033	22,610	13,978	3,528	2,241
Wyoming .....	18,140	11,998	15,134	18,877	4,134	3,807
<b>PAD District V Total</b> .....	<b>91,346</b>	<b>52,021</b>	<b>417,685</b>	<b>301,584</b>	<b>206,046</b>	<b>222,203</b>
Alaska .....	83,626	44,666	2	9	68,820	74,832
Arizona .....	85	48	23,062	18,152	3,461	6,517
California .....	5,334	6,588	295,431	220,502	9,012	8,772
Hawaii .....	1,123	53	8,277	6,234	121,998	124,906
Nevada .....	269	28	4,903	3,653	1,787	1,399
Oregon .....	213	151	29,224	28,207	449	2,564
Washington .....	697	487	56,786	24,827	519	3,213

See footnotes at end of table.

**Table 16. Adjusted Sales of Distillate Fuel Oil by End Use, 1998 and 1999 (Continued)**

(Thousand Gallons)

Destination	Railroad		Vessel Bunkering		On-Highway	
	1998	1999	1998	1999	1998	1999
<b>U.S. Total</b> .....	<b>2,833,276</b>	<b>2,789,926</b>	<b>2,125,568</b>	<b>2,064,590</b>	<b>30,150,191</b>	<b>32,062,447</b>
<b>PAD District I Total</b> .....	<b>479,042</b>	<b>442,247</b>	<b>507,256</b>	<b>477,035</b>	<b>9,398,405</b>	<b>9,939,376</b>
<b>Subdistrict IA Total</b> .....	<b>28,566</b>	<b>21,623</b>	<b>46,648</b>	<b>44,275</b>	<b>942,889</b>	<b>1,007,035</b>
Connecticut .....	6,887	7,149	2,774	4,354	222,076	235,423
Maine .....	7,830	1,775	12,243	6,489	135,254	148,739
Massachusetts .....	12,476	11,425	19,280	21,843	357,050	377,063
New Hampshire .....	17	2	522	578	103,225	103,255
Rhode Island .....	263	288	11,343	10,578	48,713	55,570
Vermont .....	1,092	983	487	433	76,571	86,985
<b>Subdistrict IB Total</b> .....	<b>124,968</b>	<b>111,548</b>	<b>151,568</b>	<b>167,240</b>	<b>3,420,503</b>	<b>3,673,911</b>
Delaware .....	433	527	2,576	3,467	62,453	57,458
District of Columbia .....	4,552	3,594	3	3	21,412	22,114
Maryland .....	5,870	7,970	20,143	30,025	425,381	486,350
New Jersey .....	43,126	17,734	90,255	83,772	717,711	769,039
New York .....	23,450	31,658	4,774	14,658	917,161	1,011,088
Pennsylvania .....	47,538	50,066	33,817	35,315	1,276,385	1,327,862
<b>Subdistrict IC Total</b> .....	<b>325,508</b>	<b>309,075</b>	<b>309,040</b>	<b>265,520</b>	<b>5,035,013</b>	<b>5,258,430</b>
Florida .....	103,642	127,269	157,585	139,809	1,182,855	1,239,423
Georgia .....	74,455	73,494	10,258	17,697	1,231,023	1,322,651
North Carolina .....	44,816	53,900	35,255	11,279	892,816	879,015
South Carolina .....	16,209	13,051	13,579	12,732	563,590	590,776
Virginia .....	66,346	32,202	28,989	29,444	895,185	952,594
West Virginia .....	20,040	9,160	63,374	54,560	269,544	273,971
<b>PAD District II Total</b> .....	<b>1,246,799</b>	<b>1,131,980</b>	<b>587,612</b>	<b>572,934</b>	<b>10,205,834</b>	<b>10,776,359</b>
Illinois .....	104,333	123,357	42,053	37,997	1,077,513	1,292,335
Indiana .....	64,889	72,647	25,739	38,933	1,129,693	1,228,811
Iowa .....	45,193	37,658	7,148	7,120	479,789	494,842
Kansas .....	76,052	61,599	-	-	372,593	374,267
Kentucky .....	96,618	98,941	89,982	81,811	690,621	703,236
Michigan .....	51,806	47,516	7,755	3,942	865,113	905,067
Minnesota .....	91,241	61,201	3,791	5,916	546,107	604,536
Missouri .....	28,345	26,431	341,792	347,323	933,682	862,295
Nebraska .....	207,061	192,024	36	57	360,777	359,379
North Dakota .....	18,756	45,407	512	-	142,612	141,280
Ohio .....	139,142	80,631	8,650	2,922	1,412,948	1,516,451
Oklahoma .....	196,323	188,382	515	614	566,471	616,296
South Dakota .....	1,271	4,529	-	-	141,809	145,298
Tennessee .....	95,545	44,083	57,090	43,867	821,331	860,020
Wisconsin .....	30,224	47,573	2,548	2,433	664,775	672,246
<b>PAD District III Total</b> .....	<b>443,782</b>	<b>677,282</b>	<b>721,207</b>	<b>791,814</b>	<b>5,125,135</b>	<b>5,376,448</b>
Alabama .....	28,335	42,137	18,932	67,455	701,742	742,059
Arkansas .....	41,198	47,053	3,642	4,391	560,831	556,238
Louisiana .....	20,380	26,941	435,543	445,873	541,189	585,564
Mississippi .....	15,276	14,267	16,664	12,749	494,855	555,765
New Mexico .....	9,105	236	-	-	393,110	398,559
Texas .....	329,489	546,647	246,427	261,347	2,433,408	2,538,263
<b>PAD District IV Total</b> .....	<b>302,246</b>	<b>271,050</b>	<b>185</b>	<b>434</b>	<b>1,303,954</b>	<b>1,484,538</b>
Colorado .....	67,747	50,811	-	-	383,801	437,787
Idaho .....	37,302	29,778	185	254	184,607	214,688
Montana .....	68,739	62,303	-	-	171,675	187,434
Utah .....	29,065	23,425	-	36	303,331	300,016
Wyoming .....	99,394	104,733	-	145	260,540	344,613
<b>PAD District V Total</b> .....	<b>361,407</b>	<b>267,368</b>	<b>309,307</b>	<b>222,373</b>	<b>4,116,863</b>	<b>4,485,726</b>
Alaska .....	4,504	3,330	102,755	71,786	68,548	75,031
Arizona .....	2,557	2,270	-	18	602,809	660,624
California .....	231,282	152,415	105,189	73,039	2,339,261	2,458,325
Hawaii .....	-	-	20,368	15,683	28,956	32,680
Nevada .....	4,297	3,912	-	-	228,955	261,630
Oregon .....	54,985	65,433	15,434	9,995	418,953	428,584
Washington .....	63,782	40,010	65,560	51,850	429,381	568,852

See footnotes at end of table.

**Table 16. Adjusted Sales of Distillate Fuel Oil by End Use, 1998 and 1999 (Continued)**

(Thousand Gallons)

Destination	Military		Off-Highway		All Other		Total	
	1998	1999	1998	1999	1998	1999	1998	1999
<b>U.S. Total</b> .....	<b>277,688</b>	<b>288,926</b>	<b>2,179,560</b>	<b>2,142,313</b>	-	-	<b>53,063,934</b>	<b>54,758,718</b>
<b>PAD District I Total</b> .....	<b>39,813</b>	<b>67,490</b>	<b>624,312</b>	<b>647,976</b>	-	-	<b>19,392,996</b>	<b>20,225,730</b>
<b>Subdistrict IA Total</b> .....	<b>3,756</b>	<b>5,805</b>	<b>62,501</b>	<b>64,992</b>	-	-	<b>3,729,136</b>	<b>3,804,050</b>
Connecticut .....	858	754	7,653	11,265	-	-	856,900	939,812
Maine .....	981	2,869	21,500	14,328	-	-	656,504	636,418
Massachusetts .....	512	464	19,634	26,447	-	-	1,395,441	1,385,177
New Hampshire .....	540	977	8,010	6,461	-	-	2,489,895	378,265
Rhode Island .....	730	288	2,896	3,433	-	-	239,348	233,022
Vermont .....	135	453	2,807	3,058	-	-	221,049	231,355
<b>Subdistrict IB Total</b> .....	<b>14,407</b>	<b>22,721</b>	<b>169,485</b>	<b>191,891</b>	-	-	<b>7,782,975</b>	<b>8,410,395</b>
Delaware .....	1,130	334	5,801	6,300	-	-	135,320	143,785
District of Columbia .....	158	186	449	5,921	-	-	72,103	80,340
Maryland .....	3,353	3,984	25,963	25,790	-	-	888,883	942,076
New Jersey .....	1,004	1,026	40,049	35,918	-	-	1,468,093	1,554,361
New York .....	649	5,658	47,918	47,902	-	-	2,728,609	2,997,164
Pennsylvania .....	8,113	11,532	49,305	70,060	-	-	2,489,968	2,692,669
<b>Subdistrict IC Total</b> .....	<b>21,650</b>	<b>38,965</b>	<b>392,327</b>	<b>391,093</b>	-	-	<b>7,880,885</b>	<b>8,011,285</b>
Florida .....	4,530	9,228	111,165	98,235	-	-	1,922,092	2,023,831
Georgia .....	1,971	4,234	70,904	108,915	-	-	1,623,075	1,762,001
North Carolina .....	1,713	11,470	89,787	54,066	-	-	1,451,147	1,364,799
South Carolina .....	3,433	1,968	46,746	46,586	-	-	799,507	792,531
Virginia .....	9,904	11,748	64,090	67,387	-	-	1,549,089	1,552,847
West Virginia .....	99	317	9,635	15,904	-	-	535,975	515,276
<b>PAD District II Total</b> .....	<b>16,955</b>	<b>36,312</b>	<b>645,051</b>	<b>593,588</b>	-	-	<b>16,537,206</b>	<b>16,561,356</b>
Illinois .....	1,430	7,081	72,669	75,281	-	-	1,763,105	1,832,984
Indiana .....	331	3,460	43,891	30,534	-	-	1,597,644	1,701,471
Iowa .....	286	492	47,459	36,879	-	-	854,491	818,814
Kansas .....	404	178	23,836	20,513	-	-	676,590	654,888
Kentucky .....	1,609	2,063	41,834	39,605	-	-	1,198,558	1,146,533
Michigan .....	262	421	66,631	66,766	-	-	1,295,547	1,344,402
Minnesota .....	276	1,373	45,208	45,680	-	-	1,048,375	999,390
Missouri .....	740	4,105	54,600	64,465	-	-	1,531,401	1,495,650
Nebraska .....	1,117	2,641	18,495	15,609	-	-	791,101	730,489
North Dakota .....	588	489	8,218	8,264	-	-	341,824	307,720
Ohio .....	250	4,324	68,369	71,006	-	-	1,984,408	2,053,019
Oklahoma .....	509	131	35,153	23,886	-	-	930,313	932,571
South Dakota .....	594	1,996	7,555	9,274	-	-	249,154	251,203
Tennessee .....	1,817	1,568	65,265	41,001	-	-	1,202,708	1,111,305
Wisconsin .....	6,741	5,991	45,868	44,825	-	-	1,071,986	1,180,918
<b>PAD District III Total</b> .....	<b>111,389</b>	<b>119,897</b>	<b>394,783</b>	<b>466,721</b>	-	-	<b>8,022,672</b>	<b>9,079,602</b>
Alabama .....	534	1,999	40,548	58,461	-	-	884,473	1,039,526
Arkansas .....	576	1,150	20,357	42,192	-	-	738,141	780,685
Louisiana .....	1,131	4,419	79,173	83,786	-	-	1,374,961	1,528,530
Mississippi .....	2,385	2,864	31,371	39,841	-	-	660,568	760,264
New Mexico .....	840	1,235	7,631	21,591	-	-	462,524	505,854
Texas .....	105,924	108,230	215,703	220,851	-	-	3,902,005	4,464,744
<b>PAD District IV Total</b> .....	<b>3,242</b>	<b>2,932</b>	<b>162,881</b>	<b>184,732</b>	-	-	<b>2,352,210</b>	<b>2,525,922</b>
Colorado .....	1,173	537	58,428	64,285	-	-	656,793	683,917
Idaho .....	111	680	27,268	34,500	-	-	357,353	409,670
Montana .....	238	210	19,686	18,925	-	-	359,002	362,203
Utah .....	1,686	1,310	41,535	32,995	-	-	470,782	444,200
Wyoming .....	33	195	15,965	34,026	-	-	508,280	625,932
<b>PAD District V Total</b> .....	<b>106,289</b>	<b>62,295</b>	<b>352,532</b>	<b>249,297</b>	-	-	<b>6,758,850</b>	<b>6,366,108</b>
Alaska .....	11,594	4,544	26,449	20,342	-	-	501,401	394,450
Arizona .....	517	-	32,666	37,501	-	-	793,045	796,299
California .....	23,144	7,082	136,459	105,005	-	-	3,314,587	3,139,007
Hawaii .....	2,200	17,469	11,459	3,134	-	-	204,297	207,822
Nevada .....	1,151	554	11,097	6,805	-	-	383,830	349,802
Oregon .....	169	1,732	39,510	21,684	-	-	667,375	623,641
Washington .....	67,515	30,914	94,892	54,826	-	-	894,316	855,087

Dashes (-) = No data reported.

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

Sources: • Energy Information Administration Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," for 1998 and 1999.

• Electric Utility data are based on data obtained on Form EIA-759, "Monthly Power Plant Report," and Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

• On-Highway Diesel data are derived from Federal Highway Administration statistics of highway special fuels use.