

**Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
January 1999**
(Thousand Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II			
	East Coast	Appalachian No. 1	Total	Ind., Ill., Ky.	Minn., Wis., N. Dak., S. Dak.	Okla., Kans., Mo.	Total
Crude Oil	46,299	2,841	49,140	66,951	12,950	20,773	100,674
Natural Gas Liquids	190	0	190	2,286	197	1,287	3,770
Pentanes Plus	0	0	0	221	98	609	928
Liquefied Petroleum Gases	190	0	190	2,065	99	678	2,842
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	135	0	135	1,431	66	502	1,999
Isobutane	55	0	55	634	33	176	843
Other Liquids	8,513	-32	8,481	-208	792	-991	-407
Other Hydrocarbons/Hydrogen/Oxygenates	2,595	0	2,595	715	210	68	993
Other Hydrocarbons/Hydrogen	0	0	0	32	0	31	63
Oxygenates	W	W	2,595	683	210	37	930
Fuel Ethanol	W	W	W	W	W	W	853
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,444	W	W	W	W
Other Oxygenates ^a	W	W	W	W	W	W	W
Unfinished Oils (net)	3,318	-28	3,290	728	-117	-824	-213
Motor Gasoline Blend. Comp. (net)	2,699	-4	2,695	-1,631	699	-235	-1,167
Aviation Gasoline Blend. Comp. (net)	-99	0	-99	-20	0	0	-20
Total Input to Refineries	55,002	2,809	57,811	69,029	13,939	21,069	104,037
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,469	92	1,560	2,204	419	672	3,295
Operable Capacity (daily average)	1,591	100	1,691	2,474	421	724	3,619
Operable Utilization Rate (percent) ^b	92.3	92.0	92.3	89.1	99.5	92.8	91.1
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	621	18	639	743	129	187	1,059
Catalytic Hydrocracking	37	0	37	124	0	4	128
Delayed and Fluid Coking	84	0	84	188	62	75	325
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.86	1.19	0.88	1.19	2.31	0.73	1.24
API Gravity, Weighted Average (degrees)	34.04	33.61	34.01	33.32	28.95	35.81	33.28
Operable Capacity (daily average)	1,591	100	1,691	2,474	421	724	3,619
Operating	1,443	100	1,543	2,474	421	724	3,619
Idle	148	0	148	0	0	0	0
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0

See footnotes at end of table.

Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 1999 (Continued)

(Thousand Barrels, Except Where Noted)

Commodity	PAD District III						PAD Dist. IV	PAD Dist. V	U.S. Total
	Texas Inland	Texas Gulf Coast	La. Gulf Coast	N. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil	17,052	99,583	83,517	5,846	2,782	208,780	14,782	74,320	447,696
Natural Gas Liquids	923	2,673	2,488	144	251	6,479	699	2,945	14,083
Pentanes Plus	461	1,187	305	89	132	2,174	268	1,166	4,536
Liquefied Petroleum Gases	462	1,486	2,183	55	119	4,305	431	1,779	9,547
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	431	634	1,569	25	4	2,663	299	1,251	6,347
Isobutane	31	852	614	30	115	1,642	132	528	3,200
Other Liquids	-176	3,792	2,946	-127	95	6,530	39	4,357	19,000
Other Hydrocarbons/Hydrogen/Oxygenates	152	2,023	904	0	17	3,096	149	4,282	11,115
Other Hydrocarbons/Hydrogen	150	425	486	0	0	1,061	2	780	1,906
Oxygenates	2	1,598	418	W	W	2,035	147	3,502	9,209
Fuel Ethanol	W	W	W	W	W	W	W	W	1,231
Methanol	W	W	W	W	W	W	W	W	65
MTBE	W	1,555	W	W	W	1,916	W	3,258	7,698
Other Oxygenates ^a	W	W	W	W	W	W	W	W	215
Unfinished Oils (net)	334	4,067	2,049	-89	52	6,413	44	340	9,874
Motor Gasoline Blend. Comp. (net)	-650	-2,298	-6	-38	26	-2,966	-154	-275	-1,867
Aviation Gasoline Blend. Comp. (net)	-12	0	-1	0	0	-13	0	10	-122
Total Input to Refineries	17,799	106,048	88,951	5,863	3,128	221,789	15,520	81,622	480,779
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	552	3,161	2,747	178	90	6,728	483	2,629	14,694
Operable Capacity (daily average)	575	3,610	2,930	202	95	7,411	528	3,013	16,261
Operable Utilization Rate (percent) ^b	95.9	87.6	93.8	88.4	94.9	90.8	91.4	87.3	90.4
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	134	1,244	960	24	28	2,390	156	666	4,910
Catalytic Hydrocracking	27	221	211	0	0	459	4	418	1,045
Delayed and Fluid Coking	5	334	436	11	0	786	43	473	1,711
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.77	1.54	1.37	1.74	0.51	1.40	1.43	1.20	1.28
API Gravity, Weighted Average (degrees)	38.86	31.62	31.65	30.91	39.23	32.30	33.73	27.41	31.89
Operable Capacity (daily average)	575	3,610	2,930	202	95	7,411	528	3,013	16,261
Operating	573	3,583	2,930	202	95	7,382	528	2,990	16,061
Idle	2	27	0	0	0	29	0	23	200
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0	35,481	35,481

^a Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

^b Represents gross input divided by operable capacity.

W = Withheld to avoid disclosure of individual company data.

Note: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
February 1999**
(Thousand Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II			
	East Coast	Appalachian No. 1	Total	Ind., Ill., Ky.	Minn., Wis., N. Dak., S. Dak.	Okla., Kans., Mo.	Total
Crude Oil	40,291	2,527	42,818	61,230	10,804	18,706	90,740
Natural Gas Liquids	212	0	212	1,796	222	1,021	3,039
Pentanes Plus	0	0	0	199	126	533	858
Liquefied Petroleum Gases	212	0	212	1,597	96	488	2,181
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	154	0	154	914	58	311	1,283
Isobutane	58	0	58	683	38	177	898
Other Liquids	8,303	-23	8,280	1,342	823	-823	1,342
Other Hydrocarbons/Hydrogen/Oxygenates	2,192	0	2,192	638	186	75	899
Other Hydrocarbons/Hydrogen	0	0	0	33	0	28	61
Oxygenates	W	W	2,192	605	186	47	838
Fuel Ethanol	W	W	W	W	W	W	753
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,023	W	W	W	W
Other Oxygenates ^a	W	W	W	W	W	W	W
Unfinished Oils (net)	2,551	-30	2,521	1,401	60	-706	755
Motor Gasoline Blend. Comp. (net)	3,681	7	3,688	-703	577	-192	-318
Aviation Gasoline Blend. Comp. (net)	-121	0	-121	6	0	0	6
Total Input to Refineries	48,806	2,504	51,310	64,368	11,849	18,904	95,121
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,455	90	1,545	2,232	385	670	3,288
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	721	3,615
Operable Utilization Rate (percent) ^b	91.4	90.6	91.4	90.3	91.6	93.0	90.9
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	650	16	666	770	123	179	1,071
Catalytic Hydrocracking	20	0	20	113	0	4	117
Delayed and Fluid Coking	85	0	85	207	55	76	337
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	1.02	1.14	1.02	1.12	2.30	0.80	1.20
API Gravity, Weighted Average (degrees)	32.56	34.24	32.66	33.59	29.04	35.58	33.46
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	721	3,615
Operating	1,511	100	1,611	2,473	421	721	3,615
Idle	80	0	80	0	0	0	0
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0

See footnotes at end of table.

**Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
February 1999 (Continued)**
(Thousand Barrels, Except Where Noted)

Commodity	PAD District III						PAD Dist.	PAD Dist.	U.S. Total
	Texas Inland	Texas Gulf Coast	La. Gulf Coast	N. La., Ark.	New Mexico	Total	IV	V	
							Rocky Mt.	West Coast	
Crude Oil	15,229	90,347	76,574	5,390	2,543	190,083	13,427	63,578	400,646
Natural Gas Liquids	895	2,415	1,213	176	216	4,915	457	2,264	10,887
Pentanes Plus	498	901	57	143	112	1,711	208	999	3,776
Liquefied Petroleum Gases	397	1,514	1,156	33	104	3,204	249	1,265	7,111
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	377	738	783	0	1	1,899	142	926	4,404
Isobutane	20	776	373	33	103	1,305	107	339	2,707
Other Liquids	-274	5,515	-443	-79	-93	4,626	141	3,524	17,913
Other Hydrocarbons/Hydrogen/Oxygenates	122	1,922	861	0	14	2,919	78	3,467	9,555
Other Hydrocarbons/Hydrogen	115	429	414	0	0	958	2	709	1,730
Oxygenates	7	1,493	447	W	W	1,961	76	2,758	7,825
Fuel Ethanol	W	W	W	W	W	W	W	W	1,058
Methanol	W	W	W	W	W	W	W	W	62
MTBE	W	1,411	W	W	W	1,810	W	2,580	6,488
Other Oxygenates ^a	W	W	W	W	W	W	W	W	217
Unfinished Oils (net)	3	5,341	-1,819	-68	58	3,515	-149	-803	5,839
Motor Gasoline Blend. Comp. (net)	-405	-1,748	510	-11	-165	-1,819	212	850	2,613
Aviation Gasoline Blend. Comp. (net)	6	0	5	0	0	11	0	10	-94
Total Input to Refineries	15,850	98,277	77,344	5,487	2,666	199,624	14,025	69,366	429,446
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	546	3,225	2,753	181	91	6,795	499	2,496	14,623
Operable Capacity (daily average)	570	3,610	2,930	202	95	7,405	525	3,009	16,245
Operable Utilization Rate (percent) ^b	95.8	89.3	94.0	89.6	96.0	91.8	95.2	82.9	90.0
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	200	1,259	837	26	28	2,349	153	587	4,827
Catalytic Hydrocracking	53	213	198	0	0	464	4	413	1,017
Delayed and Fluid Coking	3	367	426	12	0	808	40	448	1,717
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.82	1.58	1.44	1.77	0.51	1.46	1.38	1.20	1.31
API Gravity, Weighted Average (degrees)	38.64	30.94	31.68	30.50	39.12	31.94	33.62	25.29	31.34
Operable Capacity (daily average)	570	3,610	2,930	202	95	7,405	525	3,009	16,245
Operating	568	3,583	2,835	202	95	7,281	525	2,987	16,019
Idle	2	27	95	0	0	124	0	22	226
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0	28,189	28,189

^a Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

^b Represents gross input divided by operable capacity.

W = Withheld to avoid disclosure of individual company data.

Note: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
March 1999**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II			
	East Coast	Appalachian No. 1	Total	Ind., Ill., Ky.	Minn., Wis., N. Dak., S. Dak.	Okla., Kans., Mo.	Total
Crude Oil	42,935	2,755	45,690	63,462	11,101	20,998	95,561
Natural Gas Liquids	105	0	105	1,343	211	911	2,465
Pentanes Plus	0	0	0	25	121	578	724
Liquefied Petroleum Gases	105	0	105	1,318	90	333	1,741
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	20	0	20	628	41	138	807
Isobutane	85	0	85	690	49	195	934
Other Liquids	8,711	-24	8,687	-2,523	974	-766	-2,315
Other Hydrocarbons/Hydrogen/Oxygenates	2,056	0	2,056	716	219	77	1,012
Other Hydrocarbons/Hydrogen	0	0	0	33	0	31	64
Oxygenates	W	W	2,056	683	219	46	948
Fuel Ethanol	W	W	W	W	W	W	874
Methanol	W	W	W	W	W	W	W
MTBE	W	W	1,925	W	W	W	W
Other Oxygenates ^a	W	W	W	W	W	W	W
Unfinished Oils (net)	1,684	-23	1,661	-2,814	-5	-1,002	-3,821
Motor Gasoline Blend. Comp. (net)	5,121	-1	5,120	-444	760	159	475
Aviation Gasoline Blend. Comp. (net)	-150	0	-150	19	0	0	19
Total Input to Refineries	51,751	2,731	54,482	62,282	12,286	21,143	95,711
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,390	89	1,479	2,077	358	680	3,115
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	725	3,619
Operable Utilization Rate (percent) ^b	87.4	89.2	87.5	84.0	85.0	93.8	86.1
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	543	16	559	700	115	195	1,010
Catalytic Hydrocracking	38	0	38	96	0	5	101
Delayed and Fluid Coking	78	0	78	161	51	82	294
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.95	1.25	0.97	1.23	2.15	0.78	1.24
API Gravity, Weighted Average (degrees)	33.91	33.98	33.91	33.61	29.68	35.63	33.59
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	725	3,619
Operating	1,511	100	1,611	2,473	421	725	3,619
Idle	80	0	80	0	0	0	0
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0

See footnotes at end of table.

Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 1999 (Continued)

(Thousand Barrels, Except Where Noted)

Commodity	PAD District III						PAD Dist. IV	PAD Dist. V	U.S. Total
	Texas Inland	Texas Gulf Coast	La. Gulf Coast	N. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil	15,939	108,562	87,590	5,523	2,838	220,452	14,178	73,552	449,433
Natural Gas Liquids	933	2,828	1,319	169	220	5,469	418	2,841	11,298
Pentanes Plus	512	1,129	49	135	130	1,955	148	1,493	4,320
Liquefied Petroleum Gases	421	1,699	1,270	34	90	3,514	270	1,348	6,978
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	384	418	520	0	2	1,324	148	950	3,249
Isobutane	37	1,281	750	34	88	2,190	122	398	3,729
Other Liquids	204	3,771	-375	-19	-137	3,444	827	3,418	14,061
Other Hydrocarbons/Hydrogen/Oxygenates	146	2,526	924	0	15	3,611	29	4,437	11,145
Other Hydrocarbons/Hydrogen	122	364	382	0	0	868	12	780	1,724
Oxygenates	24	2,162	542	W	W	2,743	17	3,657	9,421
Fuel Ethanol	W	W	W	W	W	W	W	W	1,078
Methanol	W	W	W	W	W	W	W	W	63
MTBE	W	2,093	W	W	W	2,613	W	3,448	8,043
Other Oxygenates ^a	W	W	W	W	W	W	W	W	237
Unfinished Oils (net)	109	3,929	-2,862	0	-100	1,076	321	-2,303	-3,066
Motor Gasoline Blend. Comp. (net)	-37	-2,684	1,559	-19	-52	-1,233	477	1,284	6,123
Aviation Gasoline Blend. Comp. (net)	-14	0	4	0	0	-10	0	0	-141
Total Input to Refineries	17,076	115,161	88,534	5,673	2,921	229,365	15,423	79,811	474,792
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	519	3,474	2,863	166	92	7,114	464	2,612	14,783
Operable Capacity (daily average)	570	3,610	2,930	202	95	7,405	528	3,013	16,256
Operable Utilization Rate (percent) ^b	91.1	96.2	97.7	82.6	96.8	96.1	87.9	86.7	90.9
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	197	1,349	848	25	23	2,443	153	590	4,754
Catalytic Hydrocracking	44	271	174	0	0	489	3	484	1,115
Delayed and Fluid Coking	6	430	425	12	0	873	41	460	1,745
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.77	1.58	1.56	1.88	0.50	1.51	1.29	1.19	1.34
API Gravity, Weighted Average (degrees)	38.00	31.14	29.52	29.51	38.96	31.07	34.32	26.34	31.19
Operable Capacity (daily average)	570	3,610	2,930	202	95	7,405	528	3,013	16,256
Operating	568	3,583	2,930	202	95	7,376	528	2,991	16,125
Idle	2	27	0	0	0	29	0	22	131
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0	35,685	35,685

^a Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

^b Represents gross input divided by operable capacity.

W = Withheld to avoid disclosure of individual company data.

Note: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
April 1999**
(Thousand Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II			
	East Coast	Appalachian No. 1	Total	Ind., Ill., Ky.	Minn., Wis., N. Dak., S. Dak.	Okla., Kans., Mo.	Total
Crude Oil	43,756	2,904	46,660	69,383	11,156	20,921	101,460
Natural Gas Liquids	132	0	132	832	149	981	1,962
Pentanes Plus	0	0	0	48	64	636	748
Liquefied Petroleum Gases	132	0	132	784	85	345	1,214
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	6	0	6	113	31	97	241
Isobutane	126	0	126	671	54	248	973
Other Liquids	12,004	-87	11,917	-232	393	-472	-311
Other Hydrocarbons/Hydrogen/Oxygenates	2,218	0	2,218	763	224	76	1,063
Other Hydrocarbons/Hydrogen	0	0	0	45	0	28	73
Oxygenates	W	W	2,218	718	224	48	990
Fuel Ethanol	W	W	W	W	W	W	877
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,109	W	W	W	W
Other Oxygenates ^a	W	W	W	W	W	W	W
Unfinished Oils (net)	1,445	-86	1,359	1,605	-678	-398	529
Motor Gasoline Blend. Comp. (net)	8,403	-1	8,402	-2,590	847	-150	-1,893
Aviation Gasoline Blend. Comp. (net)	-62	0	-62	-10	0	0	-10
Total Input to Refineries	55,892	2,817	58,709	69,983	11,698	21,430	103,111
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,456	97	1,553	2,357	361	703	3,421
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	725	3,619
Operable Utilization Rate (percent) ^b	91.5	97.2	91.8	95.3	85.7	96.9	94.5
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	634	20	654	793	90	207	1,090
Catalytic Hydrocracking	44	0	44	133	0	4	137
Delayed and Fluid Coking	85	0	85	176	48	74	297
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	1.01	1.09	1.02	1.21	1.97	0.71	1.19
API Gravity, Weighted Average (degrees)	33.45	34.19	33.49	33.51	30.60	35.48	33.59
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	725	3,619
Operating	1,511	100	1,611	2,473	421	725	3,619
Idle	80	0	80	0	0	0	0
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0

See footnotes at end of table.

**Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
April 1999 (Continued)**
(Thousand Barrels, Except Where Noted)

Commodity	PAD District III						PAD Dist.	PAD Dist.	U.S. Total
	Texas Inland	Texas Gulf Coast	La. Gulf Coast	N. La., Ark.	New Mexico	Total	IV	V	
							Rocky Mt.	West Coast	
Crude Oil	17,210	105,126	86,727	5,822	2,773	217,658	13,584	73,448	452,810
Natural Gas Liquids	953	2,804	1,115	155	171	5,198	245	2,009	9,546
Pentanes Plus	518	1,032	51	114	57	1,772	62	943	3,525
Liquefied Petroleum Gases	435	1,772	1,064	41	114	3,426	183	1,066	6,021
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	397	331	199	0	7	934	35	705	1,921
Isobutane	38	1,441	865	41	107	2,492	148	361	4,100
Other Liquids	348	10,399	439	15	-195	11,006	-75	5,172	27,709
Other Hydrocarbons/Hydrogen/Oxygenates	143	2,667	967	0	13	3,790	43	3,912	11,026
Other Hydrocarbons/Hydrogen	140	432	397	0	0	969	13	547	1,602
Oxygenates	3	2,235	570	W	W	2,821	30	3,365	9,424
Fuel Ethanol	W	W	W	W	W	W	W	W	899
Methanol	W	W	W	W	W	W	W	W	65
MTBE	W	2,030	W	W	W	2,556	W	3,358	8,127
Other Oxygenates ^a	W	W	W	W	W	W	W	W	333
Unfinished Oils (net)	441	9,381	-1,556	9	50	8,325	-511	1,053	10,755
Motor Gasoline Blend. Comp. (net)	-235	-1,649	1,033	6	-258	-1,103	393	207	6,006
Aviation Gasoline Blend. Comp. (net)	-1	0	-5	0	0	-6	0	0	-78
Total Input to Refineries	18,511	118,329	88,281	5,992	2,749	233,862	13,754	80,629	490,065
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	575	3,522	2,933	183	92	7,305	452	2,655	15,386
Operable Capacity (daily average)	570	3,610	2,930	202	95	7,405	528	3,015	16,258
Operable Utilization Rate (percent) ^b	100.9	97.6	100.1	90.9	97.7	98.7	85.5	88.1	94.6
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	168	1,410	917	29	30	2,554	119	648	5,064
Catalytic Hydrocracking	47	267	216	0	0	530	4	406	1,120
Delayed and Fluid Coking	5	439	434	11	0	888	22	479	1,771
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.80	1.46	1.66	1.76	0.50	1.48	1.26	1.14	1.30
API Gravity, Weighted Average (degrees)	37.68	31.47	29.05	30.67	39.28	31.06	34.24	27.34	31.34
Operable Capacity (daily average)	570	3,610	2,930	202	95	7,405	528	3,015	16,258
Operating	568	3,583	2,930	202	95	7,376	528	2,992	16,126
Idle	2	27	0	0	0	29	0	23	132
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0	33,106	33,106

^a Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

^b Represents gross input divided by operable capacity.

W = Withheld to avoid disclosure of individual company data.

Note: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
May 1999**
(Thousand Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II			
	East Coast	Appalachian No. 1	Total	Ind., Ill., Ky.	Minn., Wis., N. Dak., S. Dak.	Okla., Kans., Mo.	Total
Crude Oil	46,845	3,081	49,926	74,084	11,364	22,374	107,822
Natural Gas Liquids	91	0	91	803	219	1,098	2,120
Pentanes Plus	0	0	0	86	154	715	955
Liquefied Petroleum Gases	91	0	91	717	65	383	1,165
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	0	0	0	35	0	126	161
Isobutane	91	0	91	682	65	257	1,004
Other Liquids	14,445	-109	14,336	1,014	833	-498	1,349
Other Hydrocarbons/Hydrogen/Oxygenates	2,523	0	2,523	702	248	74	1,024
Other Hydrocarbons/Hydrogen	0	0	0	5	0	28	33
Oxygenates	W	W	2,523	697	248	46	991
Fuel Ethanol	W	W	W	W	W	W	908
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,456	W	W	W	W
Other Oxygenates ^a	W	W	W	W	W	W	W
Unfinished Oils (net)	4,430	-76	4,354	2,753	-523	-674	1,556
Motor Gasoline Blend. Comp. (net)	7,608	-33	7,575	-2,445	1,108	102	-1,235
Aviation Gasoline Blend. Comp. (net)	-116	0	-116	4	0	0	4
Total Input to Refineries	61,381	2,972	64,353	75,901	12,416	22,974	111,291
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,502	99	1,602	2,432	360	726	3,518
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	725	3,619
Operable Utilization Rate (percent) ^b	94.4	99.8	94.7	98.3	85.6	100.1	97.2
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	646	19	665	867	95	215	1,176
Catalytic Hydrocracking	40	0	40	153	0	4	157
Delayed and Fluid Coking	83	0	83	208	44	80	332
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.93	1.10	0.94	1.16	1.91	0.76	1.16
API Gravity, Weighted Average (degrees)	32.80	34.28	32.88	33.34	31.07	35.74	33.60
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	725	3,619
Operating	1,511	100	1,611	2,473	421	725	3,619
Idle	80	0	80	0	0	0	0
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0

See footnotes at end of table.

**Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
May 1999 (Continued)**
(Thousand Barrels, Except Where Noted)

Commodity	PAD District III						PAD Dist.	PAD Dist.	U.S. Total
	Texas Inland	Texas Gulf Coast	La. Gulf Coast	N. La., Ark.	New Mexico	Total	IV	V	
							Rocky Mt.	West Coast	
Crude Oil	18,090	104,373	89,261	5,717	2,926	220,367	15,509	70,527	464,151
Natural Gas Liquids	918	3,130	1,163	226	285	5,722	317	2,161	10,411
Pentanes Plus	497	1,457	58	183	162	2,357	99	938	4,349
Liquefied Petroleum Gases	421	1,673	1,105	43	123	3,365	218	1,223	6,062
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	399	436	220	0	1	1,056	68	823	2,108
Isobutane	22	1,237	885	43	122	2,309	150	400	3,954
Other Liquids	271	11,652	3,298	24	-316	14,929	103	9,162	39,879
Other Hydrocarbons/Hydrogen/Oxygenates	159	2,744	1,036	0	21	3,960	48	4,068	11,623
Other Hydrocarbons/Hydrogen	152	381	465	0	0	998	5	693	1,729
Oxygenates	7	2,363	571	W	W	2,962	43	3,375	9,894
Fuel Ethanol	W	W	W	W	W	W	W	W	946
Methanol	W	W	W	W	W	W	W	W	74
MTBE	W	2,160	W	W	W	2,685	W	3,326	8,544
Other Oxygenates ^a	W	W	W	W	W	W	W	W	330
Unfinished Oils (net)	149	10,236	2,445	72	97	12,999	61	2,814	21,784
Motor Gasoline Blend. Comp. (net)	-59	-1,328	-186	-48	-434	-2,055	-6	2,280	6,559
Aviation Gasoline Blend. Comp. (net)	22	0	3	0	0	25	0	0	-87
Total Input to Refineries	19,279	119,155	93,722	5,967	2,895	241,018	15,929	81,850	514,441
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	587	3,382	2,911	175	94	7,150	506	2,506	15,282
Operable Capacity (daily average)	575	3,610	2,937	202	95	7,418	528	3,015	16,271
Operable Utilization Rate (percent) ^b	102.0	93.7	99.1	87.0	99.8	96.4	95.9	83.1	93.9
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	202	1,418	1,019	27	23	2,689	140	672	5,342
Catalytic Hydrocracking	45	257	215	0	0	517	5	325	1,045
Delayed and Fluid Coking	6	428	424	9	0	867	37	390	1,710
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.81	1.52	1.57	1.69	0.50	1.48	1.34	1.20	1.30
API Gravity, Weighted Average (degrees)	38.52	31.36	29.41	31.38	39.65	31.26	34.09	26.02	31.24
Operable Capacity (daily average)	575	3,610	2,937	202	95	7,418	528	3,015	16,271
Operating	573	3,583	2,937	202	95	7,389	528	2,836	15,984
Idle	2	27	0	0	0	29	0	179	288
Alaskan Crude Oil Receipts	0	0	0	0	8	8	0	33,811	33,819

^a Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

^b Represents gross input divided by operable capacity.

W = Withheld to avoid disclosure of individual company data.

Note: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
June 1999**
(Thousand Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II			
	East Coast	Appalachian No. 1	Total	Ind., Ill., Ky.	Minn., Wis., N. Dak., S. Dak.	Okla., Kans., Mo.	Total
Crude Oil	44,464	2,843	47,307	70,580	12,622	21,342	104,544
Natural Gas Liquids	74	0	74	814	197	1,017	2,028
Pentanes Plus	0	0	0	148	142	671	961
Liquefied Petroleum Gases	74	0	74	666	55	346	1,067
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	0	0	0	89	0	23	112
Isobutane	74	0	74	577	55	323	955
Other Liquids	13,647	5	13,652	-17	1,539	18	1,540
Other Hydrocarbons/Hydrogen/Oxygenates	2,282	0	2,282	745	264	105	1,114
Other Hydrocarbons/Hydrogen	0	0	0	26	0	17	43
Oxygenates	W	W	2,282	719	264	88	1,071
Fuel Ethanol	W	W	W	W	W	W	937
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,181	W	W	W	W
Other Oxygenates ^a	W	W	W	W	W	W	W
Unfinished Oils (net)	3,843	10	3,853	1,105	357	-606	856
Motor Gasoline Blend. Comp. (net)	7,537	-5	7,532	-1,870	918	519	-433
Aviation Gasoline Blend. Comp. (net)	-15	0	-15	3	0	0	3
Total Input to Refineries	58,185	2,848	61,033	71,377	14,358	22,377	108,112
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,475	95	1,570	2,391	418	717	3,526
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	725	3,619
Operable Utilization Rate (percent) ^b	92.7	95.1	92.8	96.7	99.3	98.9	97.4
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	659	19	678	827	135	216	1,177
Catalytic Hydrocracking	41	0	41	155	0	4	159
Delayed and Fluid Coking	78	0	78	200	50	82	332
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	1.45	1.14	1.43	1.21	2.06	0.76	1.22
API Gravity, Weighted Average (degrees)	33.15	34.33	33.22	33.33	30.46	35.29	33.39
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	725	3,619
Operating	1,511	100	1,611	2,473	421	725	3,619
Idle	80	0	80	0	0	0	0
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0

See footnotes at end of table.

**Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
June 1999 (Continued)**
(Thousand Barrels, Except Where Noted)

Commodity	PAD District III						PAD Dist.	PAD Dist.	U.S. Total
	Texas Inland	Texas Gulf Coast	La. Gulf Coast	N. La., Ark.	New Mexico	Total	IV	V	
							Rocky Mt.	West Coast	
Crude Oil	16,807	101,131	85,335	5,667	2,787	211,727	15,632	69,553	448,763
Natural Gas Liquids	1,016	2,559	923	198	259	4,955	390	1,931	9,378
Pentanes Plus	562	1,267	52	165	144	2,190	136	789	4,076
Liquefied Petroleum Gases	454	1,292	871	33	115	2,765	254	1,142	5,302
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	422	254	181	0	4	861	79	671	1,723
Isobutane	32	1,038	690	33	111	1,904	175	471	3,579
Other Liquids	63	11,774	4,912	-140	0	16,609	406	5,333	37,540
Other Hydrocarbons/Hydrogen/Oxygenates	137	2,556	806	2	21	3,522	39	3,952	10,909
Other Hydrocarbons/Hydrogen	137	382	468	0	0	987	0	761	1,791
Oxygenates	0	2,174	338	W	W	2,535	39	3,191	9,118
Fuel Ethanol	W	W	W	W	W	W	W	W	963
Methanol	W	W	W	W	W	W	W	W	76
MTBE	W	1,982	W	W	W	2,293	W	3,183	7,774
Other Oxygenates ^a	W	W	W	W	W	W	W	W	305
Unfinished Oils (net)	309	9,742	3,425	-138	73	13,411	383	660	19,163
Motor Gasoline Blend. Comp. (net)	-383	-524	697	-4	-94	-308	-16	721	7,496
Aviation Gasoline Blend. Comp. (net)	0	0	-16	0	0	-16	0	0	-28
Total Input to Refineries	17,886	115,464	91,170	5,725	3,046	233,291	16,428	76,817	495,681
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	564	3,347	2,879	184	93	7,066	525	2,524	15,210
Operable Capacity (daily average)	575	3,610	2,937	202	95	7,418	528	3,020	16,276
Operable Utilization Rate (percent) ^b	97.9	92.7	98.0	91.4	98.2	95.2	99.5	83.6	93.5
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	190	1,356	987	27	24	2,583	151	669	5,259
Catalytic Hydrocracking	44	254	235	0	0	532	6	361	1,098
Delayed and Fluid Coking	5	376	450	5	0	836	41	402	1,688
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.80	1.48	1.53	1.70	0.51	1.44	1.41	1.23	1.35
API Gravity, Weighted Average (degrees)	38.16	31.41	29.33	30.88	38.80	31.19	33.26	27.19	31.34
Operable Capacity (daily average)	575	3,610	2,937	202	95	7,418	528	3,020	16,276
Operating	573	3,583	2,937	195	95	7,383	528	2,997	16,137
Idle	2	27	0	7	0	36	0	23	139
Alaskan Crude Oil Receipts	0	0	0	0	13	13	0	28,338	28,351

^a Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

^b Represents gross input divided by operable capacity.

W = Withheld to avoid disclosure of individual company data.

Note: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
July 1999**
(Thousand Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II			
	East Coast	Appalachian No. 1	Total	Ind., Ill., Ky.	Minn., Wis., N. Dak., S. Dak.	Okla., Kans., Mo.	Total
Crude Oil	46,180	2,990	49,170	71,905	12,972	22,678	107,555
Natural Gas Liquids	36	0	36	731	222	1,008	1,961
Pentanes Plus	0	0	0	83	162	682	927
Liquefied Petroleum Gases	36	0	36	648	60	326	1,034
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	6	0	6	54	0	90	144
Isobutane	30	0	30	594	60	236	890
Other Liquids	11,045	20	11,065	1,316	1,683	-8	2,991
Other Hydrocarbons/Hydrogen/Oxygenates	2,420	0	2,420	768	269	106	1,143
Other Hydrocarbons/Hydrogen	0	0	0	44	0	29	73
Oxygenates	W	W	2,420	724	269	77	1,070
Fuel Ethanol	W	W	W	W	W	W	988
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,309	W	W	W	W
Other Oxygenates ^a	W	W	W	W	W	W	W
Unfinished Oils (net)	2,344	30	2,374	2,317	206	-465	2,058
Motor Gasoline Blend. Comp. (net)	6,353	-10	6,343	-1,749	1,208	351	-190
Aviation Gasoline Blend. Comp. (net)	-72	0	-72	-20	0	0	-20
Total Input to Refineries	57,261	3,010	60,271	73,952	14,877	23,678	112,507
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,461	96	1,558	2,363	418	733	3,515
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	725	3,619
Operable Utilization Rate (percent) ^b	91.8	96.8	92.1	95.6	99.4	101.1	97.1
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	660	20	681	841	135	214	1,190
Catalytic Hydrocracking	41	0	41	155	0	4	159
Delayed and Fluid Coking	101	0	101	194	40	79	313
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.91	1.21	0.92	1.19	2.20	0.74	1.22
API Gravity, Weighted Average (degrees)	33.09	33.44	33.11	32.91	29.33	35.16	32.96
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	725	3,619
Operating	1,497	100	1,597	2,473	421	725	3,619
Idle	94	0	94	0	0	0	0
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0

See footnotes at end of table.

**Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
July 1999 (Continued)**
(Thousand Barrels, Except Where Noted)

Commodity	PAD District III						PAD Dist.	PAD Dist.	U.S. Total
	Texas Inland	Texas Gulf Coast	La. Gulf Coast	N. La., Ark.	New Mexico	Total	IV	V	
							Rocky Mt.	West Coast	
Crude Oil	16,843	105,259	89,250	5,965	2,855	220,172	16,465	78,997	472,359
Natural Gas Liquids	1,042	2,631	1,057	239	306	5,275	396	1,755	9,423
Pentanes Plus	578	1,167	50	206	171	2,172	134	704	3,937
Liquefied Petroleum Gases	464	1,464	1,007	33	135	3,103	262	1,051	5,486
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	423	315	236	0	12	986	95	639	1,870
Isobutane	41	1,149	771	33	123	2,117	167	412	3,616
Other Liquids	159	12,042	3,519	-321	29	15,428	426	6,284	36,194
Other Hydrocarbons/Hydrogen/Oxygenates	132	2,631	1,030	0	30	3,823	41	4,232	11,659
Other Hydrocarbons/Hydrogen	124	370	468	0	0	962	0	664	1,699
Oxygenates	8	2,261	562	W	W	2,861	41	3,568	9,960
Fuel Ethanol	W	W	W	W	W	W	W	W	1,016
Methanol	W	W	W	W	W	W	W	W	68
MTBE	W	2,099	W	W	W	2,639	W	3,500	8,527
Other Oxygenates ^a	W	W	W	W	W	W	W	W	349
Unfinished Oils (net)	275	11,756	2,142	-284	142	14,031	-11	1,351	19,803
Motor Gasoline Blend. Comp. (net)	-249	-2,345	341	-37	-143	-2,433	396	701	4,817
Aviation Gasoline Blend. Comp. (net)	1	0	6	0	0	7	0	0	-85
Total Input to Refineries	18,044	119,932	93,826	5,883	3,190	240,875	17,287	87,036	517,976
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	549	3,370	2,905	183	92	7,098	537	2,746	15,454
Operable Capacity (daily average)	575	3,610	2,937	202	95	7,418	528	3,031	16,287
Operable Utilization Rate (percent) ^b	95.4	93.3	98.9	90.6	97.4	95.7	101.6	90.6	94.9
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	183	1,383	1,002	26	30	2,624	148	692	5,336
Catalytic Hydrocracking	38	249	235	0	0	523	5	394	1,122
Delayed and Fluid Coking	5	414	437	10	0	867	38	452	1,770
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.78	1.44	1.59	1.73	0.54	1.45	1.48	1.51	1.35
API Gravity, Weighted Average (degrees)	37.91	30.91	30.07	31.11	38.58	31.21	33.65	28.03	31.35
Operable Capacity (daily average)	575	3,610	2,937	202	95	7,418	528	3,031	16,287
Operating	573	3,583	2,937	195	95	7,383	528	3,008	16,134
Idle	2	27	0	7	0	36	0	23	153
Alaskan Crude Oil Receipts	0	0	0	0	21	21	0	36,142	36,163

^a Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

^b Represents gross input divided by operable capacity.

W = Withheld to avoid disclosure of individual company data.

Note: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
August 1999**
(Thousand Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II			
	East Coast	Appalachian No. 1	Total	Ind., Ill., Ky.	Minn., Wis., N. Dak., S. Dak.	Okla., Kans., Mo.	Total
Crude Oil	47,974	3,021	50,995	73,213	13,113	22,969	109,295
Natural Gas Liquids	106	0	106	676	203	963	1,842
Pentanes Plus	0	0	0	26	152	654	832
Liquefied Petroleum Gases	106	0	106	650	51	309	1,010
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	0	0	0	31	0	75	106
Isobutane	106	0	106	619	51	234	904
Other Liquids	11,141	-74	11,067	-646	1,225	-682	-103
Other Hydrocarbons/Hydrogen/Oxygenates	2,588	0	2,588	776	271	125	1,172
Other Hydrocarbons/Hydrogen	0	0	0	35	0	30	65
Oxygenates	W	W	2,588	741	271	95	1,107
Fuel Ethanol	W	W	W	W	W	W	990
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,482	W	W	W	W
Other Oxygenates ^a	W	W	W	W	W	W	W
Unfinished Oils (net)	2,328	-66	2,262	990	47	-986	51
Motor Gasoline Blend. Comp. (net)	6,341	-8	6,333	-2,414	907	179	-1,328
Aviation Gasoline Blend. Comp. (net)	-116	0	-116	2	0	0	2
Total Input to Refineries	59,221	2,947	62,168	73,243	14,541	23,250	111,034
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,518	97	1,615	2,403	423	742	3,568
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	725	3,619
Operable Utilization Rate (percent) ^b	95.4	97.9	95.5	97.2	100.6	102.3	98.6
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	642	21	663	871	137	213	1,221
Catalytic Hydrocracking	42	0	42	150	0	4	154
Delayed and Fluid Coking	78	0	78	200	44	76	319
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	1.00	1.21	1.01	1.20	2.10	0.76	1.22
API Gravity, Weighted Average (degrees)	32.97	33.68	33.01	33.22	29.63	35.61	33.28
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	725	3,619
Operating	1,497	100	1,597	2,473	421	725	3,619
Idle	94	0	94	0	0	0	0
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0

See footnotes at end of table.

**Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
August 1999 (Continued)**
(Thousand Barrels, Except Where Noted)

Commodity	PAD District III						PAD Dist.	PAD Dist.	U.S. Total
	Texas Inland	Texas Gulf Coast	La. Gulf Coast	N. La., Ark.	New Mexico	Total	IV	V	
							Rocky Mt.	West Coast	
Crude Oil	17,738	104,227	88,066	5,721	2,818	218,570	16,686	78,722	474,268
Natural Gas Liquids	880	2,845	1,039	219	279	5,262	507	1,907	9,624
Pentanes Plus	558	1,318	39	186	148	2,249	205	797	4,083
Liquefied Petroleum Gases	322	1,527	1,000	33	131	3,013	302	1,110	5,541
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	289	273	166	0	15	743	126	759	1,734
Isobutane	33	1,254	834	33	116	2,270	176	351	3,807
Other Liquids	-5	9,362	3,361	34	61	12,813	455	5,250	29,482
Other Hydrocarbons/Hydrogen/Oxygenates	125	2,743	962	0	33	3,863	66	4,266	11,955
Other Hydrocarbons/Hydrogen	107	442	446	0	0	995	0	660	1,720
Oxygenates	18	2,301	516	W	W	2,868	66	3,606	10,235
Fuel Ethanol	W	W	W	W	W	W	W	W	1,027
Methanol	W	W	W	W	W	W	W	W	88
MTBE	W	2,187	W	W	W	2,702	W	3,521	8,815
Other Oxygenates ^a	W	W	W	W	W	W	W	W	305
Unfinished Oils (net)	35	9,538	1,961	40	79	11,653	250	940	15,156
Motor Gasoline Blend. Comp. (net)	-167	-2,919	434	-6	-51	-2,709	139	44	2,479
Aviation Gasoline Blend. Comp. (net)	2	0	4	0	0	6	0	0	-108
Total Input to Refineries	18,613	116,434	92,466	5,974	3,158	236,645	17,648	85,879	513,374
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	573	3,328	2,905	180	91	7,077	542	2,757	15,559
Operable Capacity (daily average)	575	3,610	2,937	202	95	7,418	528	3,031	16,287
Operable Utilization Rate (percent) ^b	99.6	92.2	98.9	89.5	96.1	95.4	102.6	91.0	95.5
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	187	1,384	981	28	29	2,610	130	715	5,338
Catalytic Hydrocracking	36	244	216	0	0	496	5	417	1,115
Delayed and Fluid Coking	3	412	446	4	0	866	40	502	1,806
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.84	1.56	1.65	1.68	0.53	1.53	1.38	1.22	1.35
API Gravity, Weighted Average (degrees)	37.75	30.31	30.16	30.99	38.53	30.97	34.61	26.00	31.00
Operable Capacity (daily average)	575	3,610	2,937	202	95	7,418	528	3,031	16,287
Operating	573	3,583	2,937	195	95	7,383	528	3,008	16,134
Idle	2	27	0	7	0	36	0	23	153
Alaskan Crude Oil Receipts	0	0	0	0	19	19	0	33,729	33,748

^a Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

^b Represents gross input divided by operable capacity.

W = Withheld to avoid disclosure of individual company data.

Note: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
September 1999**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II			
	East Coast	Appalachian No. 1	Total	Ind., Ill., Ky.	Minn., Wis., N. Dak., S. Dak.	Okla., Kans., Mo.	Total
Crude Oil	43,594	2,878	46,472	68,310	9,696	22,656	100,662
Natural Gas Liquids	123	0	123	1,203	178	1,120	2,501
Pentanes Plus	0	0	0	110	110	733	953
Liquefied Petroleum Gases	123	0	123	1,093	68	387	1,548
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	73	0	73	513	0	165	678
Isobutane	50	0	50	580	68	222	870
Other Liquids	7,862	-22	7,840	279	1,363	-481	1,161
Other Hydrocarbons/Hydrogen/Oxygenates	2,141	1	2,142	698	254	114	1,066
Other Hydrocarbons/Hydrogen	0	0	0	34	0	30	64
Oxygenates	W	W	2,142	664	254	84	1,002
Fuel Ethanol	W	W	W	W	W	W	918
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,053	W	W	W	W
Other Oxygenates ^a	W	W	W	W	W	W	W
Unfinished Oils (net)	2,322	-20	2,302	2,787	308	-635	2,460
Motor Gasoline Blend. Comp. (net)	3,484	-3	3,481	-3,199	801	40	-2,358
Aviation Gasoline Blend. Comp. (net)	-85	0	-85	-7	0	0	-7
Total Input to Refineries	51,579	2,856	54,435	69,792	11,237	23,295	104,324
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,452	96	1,548	2,316	326	757	3,399
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	725	3,619
Operable Utilization Rate (percent) ^b	91.3	96.3	91.6	93.7	77.4	104.3	93.9
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	619	21	639	852	119	217	1,188
Catalytic Hydrocracking	39	0	39	134	0	5	139
Delayed and Fluid Coking	73	0	73	166	35	82	283
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.93	1.17	0.94	1.21	2.00	0.74	1.18
API Gravity, Weighted Average (degrees)	33.26	33.83	33.29	33.17	30.59	35.76	33.49
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	725	3,619
Operating	1,497	100	1,597	2,473	421	725	3,619
Idle	94	0	94	0	0	0	0
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0

See footnotes at end of table.

Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 1999 (Continued)

(Thousand Barrels, Except Where Noted)

Commodity	PAD District III						PAD Dist. IV	PAD Dist. V	U.S. Total
	Texas Inland	Texas Gulf Coast	La. Gulf Coast	N. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil	17,364	104,361	85,462	5,550	2,499	215,236	15,706	75,147	453,223
Natural Gas Liquids	1,026	2,726	1,506	219	278	5,755	543	1,835	10,757
Pentanes Plus	591	1,231	53	193	151	2,219	231	678	4,081
Liquefied Petroleum Gases	435	1,495	1,453	26	127	3,536	312	1,157	6,676
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	390	571	572	0	16	1,549	156	734	3,190
Isobutane	45	924	881	26	111	1,987	156	423	3,486
Other Liquids	-240	11,043	2,646	-93	3	13,359	31	6,356	28,747
Other Hydrocarbons/Hydrogen/Oxygenates	104	2,745	1,350	0	36	4,235	98	4,042	11,583
Other Hydrocarbons/Hydrogen	100	392	463	0	0	955	0	818	1,837
Oxygenates	4	2,353	887	W	W	3,280	98	3,224	9,746
Fuel Ethanol	W	W	W	W	W	W	W	W	1,048
Methanol	W	W	W	W	W	W	W	W	63
MTBE	W	2,231	W	W	W	3,090	W	3,126	8,357
Other Oxygenates ^a	W	W	W	W	W	W	W	W	278
Unfinished Oils (net)	-12	10,290	1,495	-72	177	11,878	176	2,256	19,072
Motor Gasoline Blend. Comp. (net)	-329	-1,992	-194	-21	-210	-2,746	-243	58	-1,808
Aviation Gasoline Blend. Comp. (net)	-3	0	-5	0	0	-8	0	0	-100
Total Input to Refineries	18,150	118,130	89,614	5,676	2,780	234,350	16,280	83,338	492,727
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	582	3,450	2,883	183	83	7,181	536	2,689	15,353
Operable Capacity (daily average)	575	3,610	2,937	202	95	7,418	528	3,061	16,317
Operable Utilization Rate (percent) ^b	101.1	95.6	98.2	91.0	88.1	96.8	101.4	87.9	94.1
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	187	1,454	968	29	29	2,667	144	756	5,394
Catalytic Hydrocracking	36	271	238	0	0	545	6	447	1,175
Delayed and Fluid Coking	6	421	426	2	0	855	43	466	1,720
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.81	1.55	1.61	1.65	0.49	1.50	1.45	1.18	1.32
API Gravity, Weighted Average (degrees)	38.01	30.68	30.45	31.32	39.16	31.31	34.47	26.55	31.29
Operable Capacity (daily average)	575	3,610	2,937	202	95	7,418	528	3,061	16,317
Operating	573	3,583	2,937	195	95	7,383	528	3,038	16,164
Idle	2	27	0	7	0	36	0	23	153
Alaskan Crude Oil Receipts	0	0	0	0	24	24	0	31,550	31,574

^a Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

^b Represents gross input divided by operable capacity.

W = Withheld to avoid disclosure of individual company data.

Note: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
October 1999**
(Thousand Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II			
	East Coast	Appalachian No. 1	Total	Ind., Ill., Ky.	Minn., Wis., N. Dak., S. Dak.	Okla., Kans., Mo.	Total
Crude Oil	44,633	2,539	47,172	66,984	12,145	23,006	102,135
Natural Gas Liquids	213	0	213	1,588	201	1,463	3,252
Pentanes Plus	0	0	0	153	132	786	1,071
Liquefied Petroleum Gases	213	0	213	1,435	69	677	2,181
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	183	0	183	980	20	466	1,466
Isobutane	30	0	30	455	49	211	715
Other Liquids	8,894	-22	8,872	-231	798	-340	227
Other Hydrocarbons/Hydrogen/Oxygenates	2,404	3	2,407	777	263	113	1,153
Other Hydrocarbons/Hydrogen	0	0	0	37	0	31	68
Oxygenates	W	W	2,407	740	263	82	1,085
Fuel Ethanol	W	W	W	W	W	W	984
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,260	W	W	W	W
Other Oxygenates ^a	W	W	W	W	W	W	W
Unfinished Oils (net)	1,707	0	1,707	716	-37	-865	-186
Motor Gasoline Blend. Comp. (net)	4,856	-25	4,831	-1,735	572	412	-751
Aviation Gasoline Blend. Comp. (net)	-73	0	-73	11	0	0	11
Total Input to Refineries	53,740	2,517	56,257	68,341	13,144	24,129	105,614
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,421	82	1,503	2,199	395	748	3,342
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	725	3,619
Operable Utilization Rate (percent) ^b	89.3	82.2	88.9	88.9	93.9	103.1	92.4
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	579	27	605	733	122	204	1,059
Catalytic Hydrocracking	39	0	39	141	0	4	145
Delayed and Fluid Coking	71	0	71	194	63	75	332
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.85	1.31	0.88	1.28	2.28	0.72	1.27
API Gravity, Weighted Average (degrees)	34.23	32.85	34.15	33.17	29.53	36.31	33.45
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	725	3,619
Operating	1,497	100	1,597	2,473	421	725	3,619
Idle	94	0	94	0	0	0	0
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0

See footnotes at end of table.

Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 1999 (Continued)

(Thousand Barrels, Except Where Noted)

Commodity	PAD District III						PAD Dist.	PAD Dist.	U.S. Total
	Texas Inland	Texas Gulf Coast	La. Gulf Coast	N. La., Ark.	New Mexico	Total	IV	V	
							Rocky Mt.	West Coast	
Crude Oil	16,344	105,347	82,913	5,884	2,621	213,109	15,891	73,953	452,260
Natural Gas Liquids	1,100	3,057	1,722	202	279	6,360	613	2,443	12,881
Pentanes Plus	585	1,177	43	177	149	2,131	209	939	4,350
Liquefied Petroleum Gases	515	1,880	1,679	25	130	4,229	404	1,504	8,531
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	480	862	919	0	11	2,272	254	1,034	5,209
Isobutane	35	1,018	760	25	119	1,957	150	470	3,322
Other Liquids	-317	16,195	601	-123	-385	15,971	54	4,768	29,892
Other Hydrocarbons/Hydrogen/Oxygenates	60	2,698	1,020	0	33	3,811	105	3,946	11,422
Other Hydrocarbons/Hydrogen	44	393	569	0	0	1,006	4	781	1,859
Oxygenates	16	2,305	451	W	W	2,805	101	3,165	9,563
Fuel Ethanol	W	W	W	W	W	W	W	W	1,361
Methanol	W	W	W	W	W	W	W	W	78
MTBE	W	2,194	W	W	W	2,632	W	2,874	7,844
Other Oxygenates ^a	W	W	W	W	W	W	W	W	280
Unfinished Oils (net)	111	14,636	-545	-108	19	14,113	-269	1,139	16,504
Motor Gasoline Blend. Comp. (net)	-483	-1,139	126	-15	-437	-1,948	218	-317	2,033
Aviation Gasoline Blend. Comp. (net)	-5	0	0	0	0	-5	0	0	-67
Total Input to Refineries	17,127	124,599	85,236	5,963	2,515	235,440	16,558	81,164	495,033
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	531	3,354	2,722	180	85	6,872	520	2,622	14,860
Operable Capacity (daily average)	575	3,610	2,937	202	95	7,418	528	3,061	16,317
Operable Utilization Rate (percent) ^b	92.3	92.9	92.7	89.4	89.4	92.6	98.5	85.7	91.1
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	166	1,447	840	29	28	2,509	151	743	5,068
Catalytic Hydrocracking	34	250	224	0	0	508	5	417	1,113
Delayed and Fluid Coking	6	430	437	10	0	883	40	472	1,797
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.75	1.60	1.61	1.74	0.46	1.53	1.34	1.22	1.35
API Gravity, Weighted Average (degrees)	37.97	30.73	30.19	30.93	39.16	31.17	33.59	25.96	31.18
Operable Capacity (daily average)	575	3,610	2,937	202	95	7,418	528	3,061	16,317
Operating	573	3,583	2,891	195	95	7,337	528	3,038	16,118
Idle	2	27	46	7	0	82	0	23	199
Alaskan Crude Oil Receipts	0	0	0	0	16	16	0	31,849	31,865

^a Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

^b Represents gross input divided by operable capacity.

W = Withheld to avoid disclosure of individual company data.

Note: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
November 1999**
(Thousand Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II			
	East Coast	Appalachian No. 1	Total	Ind., Ill., Ky.	Minn., Wis., N. Dak., S. Dak.	Okla., Kans., Mo.	Total
Crude Oil	42,126	2,514	44,640	65,065	12,661	20,445	98,171
Natural Gas Liquids	173	0	173	2,041	311	1,238	3,590
Pentanes Plus	0	0	0	218	133	739	1,090
Liquefied Petroleum Gases	173	0	173	1,823	178	499	2,500
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	53	0	53	1,426	134	395	1,955
Isobutane	120	0	120	397	44	104	545
Other Liquids	8,465	-63	8,402	-679	967	-135	153
Other Hydrocarbons/Hydrogen/Oxygenates	2,138	1	2,139	745	256	124	1,125
Other Hydrocarbons/Hydrogen	0	0	0	31	0	30	61
Oxygenates	W	W	2,139	714	256	94	1,064
Fuel Ethanol	W	W	W	W	W	W	948
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,024	W	W	W	W
Other Oxygenates ^a	W	W	W	W	W	W	W
Unfinished Oils (net)	2,710	-51	2,659	989	135	-536	588
Motor Gasoline Blend. Comp. (net)	3,795	-13	3,782	-2,412	576	277	-1,559
Aviation Gasoline Blend. Comp. (net)	-178	0	-178	-1	0	0	-1
Total Input to Refineries	50,764	2,451	53,215	66,427	13,939	21,548	101,914
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,395	84	1,479	2,206	426	686	3,318
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	736	3,629
Operable Utilization Rate (percent) ^b	87.7	84.1	87.5	89.2	101.2	93.2	91.4
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	613	27	640	699	138	189	1,026
Catalytic Hydrocracking	39	0	39	152	0	4	157
Delayed and Fluid Coking	82	0	82	190	69	77	337
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.73	1.15	0.75	1.31	2.20	0.77	1.32
API Gravity, Weighted Average (degrees)	34.62	34.22	34.59	33.23	28.92	35.51	33.16
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	736	3,629
Operating	1,497	100	1,597	2,422	421	736	3,578
Idle	94	0	94	51	0	0	51
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0

See footnotes at end of table.

Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 1999 (Continued)

(Thousand Barrels, Except Where Noted)

Commodity	PAD District III						PAD Dist. IV	PAD Dist. V	U.S. Total
	Texas Inland	Texas Gulf Coast	La. Gulf Coast	N. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil	17,085	102,387	81,204	5,768	2,742	209,186	14,839	74,281	441,117
Natural Gas Liquids	1,087	2,724	1,895	168	270	6,144	728	2,326	12,961
Pentanes Plus	542	917	24	0	153	1,636	246	818	3,790
Liquefied Petroleum Gases	545	1,807	1,871	168	117	4,508	482	1,508	9,171
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	503	966	1,113	28	0	2,610	356	1,130	6,104
Isobutane	42	841	758	140	117	1,898	126	378	3,067
Other Liquids	92	11,281	-1,877	-262	-329	8,905	474	3,946	21,880
Other Hydrocarbons/Hydrogen/Oxygenates	174	2,459	952	0	21	3,606	139	4,056	11,065
Other Hydrocarbons/Hydrogen	114	380	513	0	0	1,007	4	876	1,948
Oxygenates	60	2,079	439	W	W	2,599	135	3,180	9,117
Fuel Ethanol	W	W	W	W	W	W	W	W	1,457
Methanol	W	W	W	W	W	W	W	W	62
MTBE	W	1,975	W	W	W	2,415	W	2,808	7,336
Other Oxygenates ^a	W	W	W	W	W	W	W	W	262
Unfinished Oils (net)	333	10,019	-3,436	-243	98	6,771	300	945	11,263
Motor Gasoline Blend. Comp. (net)	-420	-1,197	611	-19	-448	-1,473	35	-1,055	-270
Aviation Gasoline Blend. Comp. (net)	5	0	-4	0	0	1	0	0	-178
Total Input to Refineries	18,264	116,392	81,222	5,674	2,683	224,235	16,041	80,553	475,958
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	572	3,395	2,755	182	91	6,994	502	2,732	15,026
Operable Capacity (daily average)	575	3,610	2,937	202	95	7,418	528	3,061	16,327
Operable Utilization Rate (percent) ^b	99.3	94.0	93.8	90.2	96.6	94.3	95.1	89.3	92.0
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	172	1,365	865	29	29	2,461	150	739	5,015
Catalytic Hydrocracking	30	211	198	0	0	440	4	439	1,079
Delayed and Fluid Coking	6	440	430	11	0	886	41	482	1,827
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.77	1.58	1.54	1.76	0.50	1.49	1.33	1.27	1.33
API Gravity, Weighted Average (degrees)	37.96	30.57	30.34	30.52	38.94	31.19	34.65	27.01	31.36
Operable Capacity (daily average)	575	3,610	2,937	202	95	7,418	528	3,061	16,327
Operating	573	3,583	2,937	195	95	7,383	528	3,038	16,124
Idle	2	27	0	7	0	36	0	23	204
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0	32,232	32,232

^a Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

^b Represents gross input divided by operable capacity.

W = Withheld to avoid disclosure of individual company data.

Note: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
December 1999**
(Thousand Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II			
	East Coast	Appalachian No. 1	Total	Ind., Ill., Ky.	Minn., Wis., N. Dak., S. Dak.	Okla., Kans., Mo.	Total
Crude Oil	42,221	2,734	44,955	63,518	12,575	20,894	96,987
Natural Gas Liquids	117	0	117	2,448	205	1,566	4,219
Pentanes Plus	0	0	0	149	36	741	926
Liquefied Petroleum Gases	117	0	117	2,299	169	825	3,293
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	115	0	115	1,827	136	556	2,519
Isobutane	2	0	2	472	33	269	774
Other Liquids	10,344	-45	10,299	2,334	722	671	3,727
Other Hydrocarbons/Hydrogen/Oxygenates	2,123	1	2,124	808	285	150	1,243
Other Hydrocarbons/Hydrogen	0	0	0	27	0	32	59
Oxygenates	W	W	2,124	781	285	118	1,184
Fuel Ethanol	W	W	W	W	W	W	1,097
Methanol	W	W	W	W	W	W	W
MTBE	W	W	1,962	W	W	W	W
Other Oxygenates ^a	W	W	W	W	W	W	W
Unfinished Oils (net)	5,079	-42	5,037	3,017	83	-169	2,931
Motor Gasoline Blend. Comp. (net)	3,291	-4	3,287	-1,495	354	690	-451
Aviation Gasoline Blend. Comp. (net)	-149	0	-149	4	0	0	4
Total Input to Refineries	52,682	2,689	55,371	68,300	13,502	23,131	104,933
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,341	88	1,429	2,085	408	678	3,170
Operable Capacity (daily average)	1,591	100	1,691	2,422	421	736	3,578
Operable Utilization Rate (percent) ^b	84.3	88.5	84.5	86.1	96.8	92.1	88.6
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	650	15	665	786	134	189	1,109
Catalytic Hydrocracking	37	0	37	136	0	3	139
Delayed and Fluid Coking	73	0	73	197	68	78	343
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.76	1.17	0.79	1.43	2.32	0.78	1.40
API Gravity, Weighted Average (degrees)	32.25	34.07	32.36	32.95	29.05	36.31	33.18
Operable Capacity (daily average)	1,591	100	1,691	2,422	421	736	3,578
Operating	1,497	100	1,597	2,422	421	736	3,578
Idle	94	0	94	0	0	0	0
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0

See footnotes at end of table.

Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 1999 (Continued)

(Thousand Barrels, Except Where Noted)

Commodity	PAD District III						PAD Dist. IV	PAD Dist. V	U.S. Total
	Texas Inland	Texas Gulf Coast	La. Gulf Coast	N. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil	17,559	104,253	83,497	5,763	2,787	213,859	15,148	75,775	446,724
Natural Gas Liquids	1,036	3,092	2,252	155	247	6,782	661	2,728	14,507
Pentanes Plus	531	1,148	34	123	119	1,955	197	1,073	4,151
Liquefied Petroleum Gases	505	1,944	2,218	32	128	4,827	464	1,655	10,356
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	469	968	1,308	0	0	2,745	331	1,287	6,997
Isobutane	36	976	910	32	128	2,082	133	368	3,359
Other Liquids	-131	14,956	2,612	-111	-306	17,020	435	4,667	36,148
Other Hydrocarbons/Hydrogen/Oxygenates	115	2,399	868	0	22	3,404	151	4,134	11,056
Other Hydrocarbons/Hydrogen	111	406	448	0	0	965	0	878	1,902
Oxygenates	4	1,993	420	W	W	2,439	151	3,256	9,154
Fuel Ethanol	W	W	W	W	W	W	W	W	1,651
Methanol	W	W	W	W	W	W	W	W	49
MTBE	W	1,939	W	W	W	2,316	W	2,871	7,231
Other Oxygenates ^a	W	W	W	W	W	W	W	W	223
Unfinished Oils (net)	-164	13,443	1,139	-91	63	14,390	372	903	23,633
Motor Gasoline Blend. Comp. (net)	-79	-865	605	-20	-391	-750	-88	-370	1,628
Aviation Gasoline Blend. Comp. (net)	-3	-21	0	0	0	-24	0	0	-169
Total Input to Refineries	18,464	122,301	88,361	5,807	2,728	237,661	16,244	83,170	497,379
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	568	3,361	2,719	175	91	6,913	494	2,700	14,706
Operable Capacity (daily average)	575	3,610	2,937	202	95	7,418	528	3,061	16,276
Operable Utilization Rate (percent) ^b	98.8	93.1	92.6	86.8	96.0	93.2	93.5	88.2	90.4
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	173	1,435	1,007	30	29	2,674	141	730	5,318
Catalytic Hydrocracking	32	257	209	0	0	499	5	431	1,110
Delayed and Fluid Coking	6	427	424	11	0	868	42	499	1,825
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.84	1.50	1.54	1.82	0.52	1.46	1.34	1.26	1.34
API Gravity, Weighted Average (degrees)	38.39	30.83	30.39	29.88	38.88	31.35	34.99	26.69	31.16
Operable Capacity (daily average)	575	3,610	2,937	202	95	7,418	528	3,061	16,276
Operating	573	3,583	2,937	195	95	7,383	528	3,038	16,124
Idle	2	27	0	7	0	36	0	23	153
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0	30,607	30,607

^a Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

^b Represents gross input divided by operable capacity.

W = Withheld to avoid disclosure of individual company data.

Note: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."