Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2003

(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	**42,819**	**2,729**	**45,548**	**63,616**	**11,638**	**21,392**	**96,646**
Natural Gas Liquids	**110**	**0**	**110**	**3,068**	**155**	**1,479**	**4,702**
Pentanes Plus	0	0	0	606	29	649	1,284
Liquefied Petroleum Gases	110	0	110	2,462	126	830	3,418
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	51	0	51	1,795	67	648	2,510
Isobutane	59	0	59	667	59	182	908
Other Liquids	**9,929**	**34**	**9,963**	**47**	**28**	**-277**	**-202**
Other Hydrocarbons/Hydrogen/Oxygenates	1,989	108	2,097	1,677	459	341	2,477
Other Hydrocarbons/Hydrogen	0	0	0	12	5	37	54
Oxygenates	W	W	2,097	1,665	454	304	2,423
Fuel Ethanol	W	W	W	W	W	W	2,423
Methanol	W	W	W	W	W	W	W
MTBE	W	W	1,886	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	3,442	-78	3,364	1,177	-7	-1,030	140
Motor Gasoline Blend. Comp. (net)	4,675	4	4,679	-2,807	-424	412	-2,819
Aviation Gasoline Blend. Comp. (net)	-177	0	-177	0	0	0	0
Total Input to Refineries	**52,858**	**2,763**	**55,621**	**66,731**	**11,821**	**22,594**	**101,146**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,386	88	1,474	2,075	375	692	3,142
Operable Capacity (daily average)	1,614	94	1,709	2,324	426	768	3,518
Operable Utilization Rate (percent)[b]	85.9	93.3	86.3	89.3	88.0	90.1	89.3
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	612	16	629	718	127	185	1,029
Catalytic Hydrocracking	36	0	36	138	0	5	142
Delayed and Fluid Coking	75	0	75	168	64	84	316
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.62	1.46	0.67	1.35	2.37	0.90	1.37
API Gravity, Weighted Average (degrees)	33.83	32.28	33.74	32.78	27.52	35.76	32.80
Operable Capacity (daily average)	**1,614**	**94**	**1,709**	**2,324**	**426**	**768**	**3,518**
Operating	1,476	94	1,571	2,324	426	768	3,518
Idle	138	0	138	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 2003 (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	**16,592**	**103,536**	**81,945**	**4,911**	**2,650**	**209,634**	**16,189**	**76,450**	**444,467**
Natural Gas Liquids	**1,089**	**3,406**	**1,354**	**229**	**257**	**6,335**	**502**	**2,541**	**14,190**
Pentanes Plus	574	1,057	498	154	127	2,410	136	937	4,767
Liquefied Petroleum Gases	515	2,349	856	75	130	3,925	366	1,604	9,423
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	488	1,160	417	48	0	2,113	277	1,112	6,063
Isobutane	27	1,189	439	27	130	1,812	89	492	3,360
Other Liquids	**-959**	**4,309**	**2,642**	**-108**	**-341**	**5,543**	**269**	**5,409**	**20,982**
Other Hydrocarbons/Hydrogen/Oxygenates	147	2,272	1,266	0	47	3,732	194	3,396	11,896
Other Hydrocarbons/Hydrogen	98	237	596	0	0	931	34	749	1,768
Oxygenates	49	2,035	670	W	W	2,801	160	2,647	10,128
Fuel Ethanol	W	W	W	W	W	W	W	W	4,426
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	1,954	W	W	W	2,599	W	1,053	5,538
Other Oxygenates[a]	W	W	W	W	W	W	W	W	164
Unfinished Oils (net)	-653	5,258	3,155	-86	87	7,761	-28	-303	10,934
Motor Gasoline Blend. Comp. (net)	-453	-3,221	-1,780	-22	-475	-5,951	103	2,316	-1,672
Aviation Gasoline Blend. Comp. (net)	0	0	1	0	0	1	0	0	-176
Total Input to Refineries	**16,722**	**111,251**	**85,941**	**5,032**	**2,566**	**221,512**	**16,960**	**84,400**	**479,639**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	535	3,318	2,672	144	85	6,754	528	2,713	14,611
Operable Capacity (daily average)	603	3,826	3,073	211	96	7,808	578	3,145	16,757
Operable Utilization Rate (percent)[b]	88.8	86.7	86.9	68.5	88.5	86.5	91.3	86.3	87.2
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	182	1,223	989	19	26	2,439	144	633	4,874
Catalytic Hydrocracking	46	284	241	0	0	571	14	452	1,215
Delayed and Fluid Coking	4	585	376	14	0	979	44	500	1,914
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.87	1.93	1.63	1.86	5.25	1.77	1.44	1.24	1.46
API Gravity, Weighted Average (degrees)	38.47	30.36	30.61	28.63	39.68	31.18	32.93	27.49	31.22
Operable Capacity (daily average)	**603**	**3,826**	**3,073**	**211**	**96**	**7,808**	**578**	**3,145**	**16,757**
Operating	603	3,726	3,073	211	96	7,708	578	3,109	16,484
Idle	0	100	0	0	0	100	0	35	273
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**31,195**	**31,195**

[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 2003

(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	**39,300**	**2,383**	**41,683**	**56,681**	**10,720**	**19,596**	**86,997**
Natural Gas Liquids	**95**	**0**	**95**	**2,571**	**164**	**1,211**	**3,946**
Pentanes Plus	0	0	0	572	61	759	1,392
Liquefied Petroleum Gases	95	0	95	1,999	103	452	2,554
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	32	0	32	1,388	57	269	1,714
Isobutane	63	0	63	611	46	183	840
Other Liquids	**8,608**	**135**	**8,743**	**-663**	**-352**	**-319**	**-1,334**
Other Hydrocarbons/Hydrogen/Oxygenates	1,741	98	1,839	1,608	493	310	2,411
Other Hydrocarbons/Hydrogen	0	0	0	37	14	31	82
Oxygenates	W	W	1,839	1,571	479	279	2,329
Fuel Ethanol	W	W	W	W	W	W	2,321
Methanol	W	W	W	W	W	W	W
MTBE	W	W	1,650	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	2,108	33	2,141	193	-62	-1,154	-1,023
Motor Gasoline Blend. Comp. (net)	4,931	4	4,935	-2,454	-783	525	-2,712
Aviation Gasoline Blend. Comp. (net)	-172	0	-172	-10	0	0	-10
Total Input to Refineries	**48,003**	**2,518**	**50,521**	**58,589**	**10,532**	**20,488**	**89,609**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,407	85	1,493	2,045	382	704	3,130
Operable Capacity (daily average)	1,614	94	1,709	2,324	426	768	3,518
Operable Utilization Rate (percent)[b]	87.2	90.2	87.3	88.0	89.6	91.7	89.0
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	603	16	619	701	130	194	1,025
Catalytic Hydrocracking	35	0	35	129	0	6	134
Delayed and Fluid Coking	75	0	75	189	60	76	324
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.70	1.62	0.75	1.37	2.38	0.88	1.38
API Gravity, Weighted Average (degrees)	32.56	31.79	32.52	32.50	27.15	35.96	32.63
Operable Capacity (daily average)	**1,614**	**94**	**1,709**	**2,324**	**426**	**768**	**3,518**
Operating	1,490	94	1,585	2,324	426	768	3,518
Idle	124	0	124	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 2003 (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	**16,126**	**98,002**	**71,698**	**4,063**	**2,270**	**192,159**	**14,639**	**67,183**	**402,661**
Natural Gas Liquids	**933**	**3,134**	**1,273**	**201**	**213**	**5,754**	**382**	**2,301**	**12,478**
Pentanes Plus	512	1,165	721	143	103	2,644	136	894	5,066
Liquefied Petroleum Gases	421	1,969	552	58	110	3,110	246	1,407	7,412
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	406	753	162	37	0	1,358	180	1,032	4,316
Isobutane	15	1,216	390	21	110	1,752	66	375	3,096
Other Liquids	**-515**	**4,741**	**564**	**-196**	**-257**	**4,337**	**172**	**5,300**	**17,218**
Other Hydrocarbons/Hydrogen/Oxygenates	131	1,617	955	0	42	2,745	212	3,042	10,249
Other Hydrocarbons/Hydrogen	87	229	412	0	0	728	26	654	1,490
Oxygenates	44	1,388	543	W	W	2,017	186	2,388	8,759
Fuel Ethanol	W	W	W	W	W	W	W	W	4,361
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	1,295	W	W	W	1,814	W	767	4,239
Other Oxygenates[a]	W	W	W	W	W	W	W	W	159
Unfinished Oils (net)	-64	4,622	973	-188	-19	5,324	-285	-2,894	3,263
Motor Gasoline Blend. Comp. (net)	-577	-1,498	-1,352	-8	-280	-3,715	245	5,152	3,905
Aviation Gasoline Blend. Comp. (net)	-5	0	-12	0	0	-17	0	0	-199
Total Input to Refineries	**16,544**	**105,877**	**73,535**	**4,068**	**2,226**	**202,250**	**15,193**	**74,784**	**432,357**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	577	3,477	2,593	134	82	6,863	526	2,628	14,640
Operable Capacity (daily average)	603	3,816	3,073	211	96	7,797	578	3,145	16,747
Operable Utilization Rate (percent)[b]	95.8	91.1	84.4	63.8	85.3	88.0	91.0	83.6	87.4
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	178	1,326	868	17	24	2,412	128	599	4,782
Catalytic Hydrocracking	41	256	178	0	0	475	13	434	1,092
Delayed and Fluid Coking	5	581	332	11	0	929	42	439	1,809
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.86	1.89	1.64	1.80	0.50	1.69	1.38	1.21	1.44
API Gravity, Weighted Average (degrees)	38.20	29.58	30.83	28.62	39.17	30.86	33.18	27.59	30.94
Operable Capacity (daily average)	**603**	**3,816**	**3,073**	**211**	**96**	**7,797**	**578**	**3,145**	**16,747**
Operating	603	3,816	3,073	211	96	7,797	578	3,109	16,587
Idle	0	0	0	0	0	0	0	35	159
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**28,140**	**28,140**

[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 2003

(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	**48,058**	**2,676**	**50,734**	**62,618**	**12,421**	**20,602**	**95,641**
Natural Gas Liquids	**62**	**0**	**62**	**1,780**	**176**	**926**	**2,882**
Pentanes Plus	0	0	0	651	117	666	1,434
Liquefied Petroleum Gases	62	0	62	1,129	59	260	1,448
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	1	0	1	646	0	62	708
Isobutane	61	0	61	483	59	198	740
Other Liquids	**9,401**	**113**	**9,514**	**-153**	**-485**	**30**	**-608**
Other Hydrocarbons/Hydrogen/Oxygenates	2,332	109	2,441	1,801	519	335	2,655
Other Hydrocarbons/Hydrogen	0	0	0	31	15	29	75
Oxygenates	W	W	2,441	1,770	504	306	2,580
Fuel Ethanol	W	W	W	W	W	W	2,580
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,225	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	340	8	348	516	3	-763	-244
Motor Gasoline Blend. Comp. (net)	6,750	-4	6,746	-2,470	-1,007	458	-3,019
Aviation Gasoline Blend. Comp. (net)	-21	0	-21	0	0	0	0
Total Input to Refineries	**57,521**	**2,789**	**60,310**	**64,245**	**12,112**	**21,558**	**97,915**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,531	86	1,617	2,032	401	663	3,096
Operable Capacity (daily average)	1,614	94	1,709	2,324	426	768	3,518
Operable Utilization Rate (percent)[b]	94.8	90.6	94.6	87.4	94.1	86.4	88.0
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	612	16	628	666	130	196	992
Catalytic Hydrocracking	39	0	39	133	0	5	138
Delayed and Fluid Coking	75	0	75	188	61	72	321
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.88	1.55	0.92	1.34	2.48	0.80	1.37
API Gravity, Weighted Average (degrees)	31.90	31.75	31.89	33.12	26.99	35.64	32.87
Operable Capacity (daily average)	**1,614**	**94**	**1,709**	**2,324**	**426**	**768**	**3,518**
Operating	1,614	94	1,709	2,324	426	768	3,518
Idle	0	0	0	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 2003 (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	**18,779**	**110,240**	**86,591**	**4,840**	**2,383**	**222,833**	**15,566**	**78,140**	**462,914**
Natural Gas Liquids	**1,182**	**3,206**	**1,547**	**166**	**256**	**6,357**	**413**	**2,243**	**11,957**
Pentanes Plus	675	1,577	730	136	136	3,254	162	1,010	5,860
Liquefied Petroleum Gases	507	1,629	817	30	120	3,103	251	1,233	6,097
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	478	311	227	0	0	1,016	140	855	2,720
Isobutane	29	1,318	590	30	120	2,087	111	378	3,377
Other Liquids	**-267**	**3,564**	**184**	**-119**	**-136**	**3,226**	**778**	**6,643**	**19,553**
Other Hydrocarbons/Hydrogen/Oxygenates	182	1,963	973	0	16	3,134	127	3,517	11,874
Other Hydrocarbons/Hydrogen	114	292	533	0	0	939	23	727	1,764
Oxygenates	68	1,671	440	W	W	2,195	104	2,790	10,110
Fuel Ethanol	W	W	W	W	W	W	W	W	4,574
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	1,580	W	W	W	2,050	W	1,143	5,418
Other Oxygenates[a]	W	W	W	W	W	W	W	W	118
Unfinished Oils (net)	153	5,733	233	-107	53	6,065	86	-384	5,871
Motor Gasoline Blend. Comp. (net)	-601	-4,132	-1,034	-12	-205	-5,984	565	3,510	1,818
Aviation Gasoline Blend. Comp. (net)	-1	0	12	0	0	11	0	0	-10
Total Input to Refineries	**19,694**	**117,010**	**88,322**	**4,887**	**2,503**	**232,416**	**16,757**	**87,026**	**494,424**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	609	3,518	2,842	145	78	7,192	508	2,746	15,159
Operable Capacity (daily average)	603	3,816	3,073	211	96	7,797	578	3,145	16,747
Operable Utilization Rate (percent)[b]	101.0	92.2	92.5	68.7	81.4	92.2	88.0	87.3	90.5
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	194	1,362	941	20	26	2,542	143	697	5,003
Catalytic Hydrocracking	59	265	210	0	0	534	15	461	1,187
Delayed and Fluid Coking	3	599	414	11	0	1,027	46	462	1,931
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.89	1.83	1.57	1.79	0.49	1.63	1.51	1.23	1.43
API Gravity, Weighted Average (degrees)	38.47	29.63	30.94	28.90	39.70	30.98	32.70	27.68	30.95
Operable Capacity (daily average)	**603**	**3,816**	**3,073**	**211**	**96**	**7,797**	**578**	**3,145**	**16,747**
Operating	603	3,815	3,073	211	96	7,796	578	3,109	16,710
Idle	0	1	0	0	0	1	0	35	36
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**29,160**	**29,160**

[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 2003

(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	**46,942**	**2,470**	**49,412**	**62,094**	**12,440**	**21,806**	**96,340**
Natural Gas Liquids	**106**	**0**	**106**	**1,100**	**214**	**783**	**2,097**
Pentanes Plus	0	0	0	437	149	485	1,071
Liquefied Petroleum Gases	106	0	106	663	65	298	1,026
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	0	0	0	55	1	48	104
Isobutane	106	0	106	608	64	250	922
Other Liquids	**12,381**	**69**	**12,450**	**3,839**	**-532**	**-309**	**2,998**
Other Hydrocarbons/Hydrogen/Oxygenates	2,448	109	2,557	1,798	509	328	2,635
Other Hydrocarbons/Hydrogen	0	0	0	30	11	20	61
Oxygenates	W	W	2,557	1,768	498	308	2,574
Fuel Ethanol	W	W	W	W	W	W	2,574
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,350	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	1,294	-34	1,260	1,729	4	-1,221	512
Motor Gasoline Blend. Comp. (net)	8,733	-6	8,727	323	-1,045	584	-138
Aviation Gasoline Blend. Comp. (net)	-94	0	-94	-11	0	0	-11
Total Input to Refineries	**59,429**	**2,539**	**61,968**	**67,033**	**12,122**	**22,280**	**101,435**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,531	83	1,613	2,094	415	720	3,229
Operable Capacity (daily average)	1,614	94	1,709	2,324	426	768	3,518
Operable Utilization Rate (percent)[b]	94.8	87.5	94.4	90.1	97.4	93.8	91.8
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	590	15	606	743	131	203	1,077
Catalytic Hydrocracking	23	0	23	137	0	5	142
Delayed and Fluid Coking	43	0	43	183	61	85	328
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.88	1.60	0.91	1.30	2.41	0.89	1.35
API Gravity, Weighted Average (degrees)	33.25	32.07	33.19	32.54	27.04	34.87	32.36
Operable Capacity (daily average)	**1,614**	**94**	**1,709**	**2,324**	**426**	**768**	**3,518**
Operating	1,614	94	1,709	2,324	426	768	3,518
Idle	0	0	0	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 2003 (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	**17,534**	**112,650**	**90,003**	**4,618**	**2,613**	**227,418**	**14,110**	**79,970**	**467,250**
Natural Gas Liquids	**957**	**3,159**	**1,669**	**174**	**278**	**6,237**	**321**	**2,003**	**10,764**
Pentanes Plus	509	1,836	792	153	154	3,444	125	885	5,525
Liquefied Petroleum Gases	448	1,323	877	21	124	2,793	196	1,118	5,239
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	409	192	229	0	0	830	82	742	1,758
Isobutane	39	1,131	648	21	124	1,963	114	376	3,481
Other Liquids	**535**	**1,251**	**-1,140**	**-114**	**-193**	**339**	**910**	**5,213**	**21,910**
Other Hydrocarbons/Hydrogen/Oxygenates	161	2,264	1,343	0	18	3,786	152	3,098	12,228
Other Hydrocarbons/Hydrogen	109	318	564	0	0	991	19	751	1,822
Oxygenates	52	1,946	779	W	W	2,795	133	2,347	10,406
Fuel Ethanol	W	W	W	W	W	W	W	W	4,119
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	1,853	W	W	W	2,666	W	1,101	6,117
Other Oxygenates[a]	W	W	W	W	W	W	W	W	170
Unfinished Oils (net)	461	3,381	-1,210	-159	138	2,611	60	1,254	5,697
Motor Gasoline Blend. Comp. (net)	-91	-4,394	-1,274	45	-349	-6,063	698	861	4,085
Aviation Gasoline Blend. Comp. (net)	4	0	1	0	0	5	0	0	-100
Total Input to Refineries	**19,026**	**117,060**	**90,532**	**4,678**	**2,698**	**233,994**	**15,341**	**87,186**	**499,924**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	590	3,688	3,023	143	87	7,530	473	2,908	15,754
Operable Capacity (daily average)	603	3,816	3,073	211	96	7,797	578	3,145	16,747
Operable Utilization Rate (percent)[b]	97.9	96.7	98.4	67.7	90.6	96.6	81.9	92.5	94.1
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	196	1,446	1,067	18	26	2,753	121	776	5,333
Catalytic Hydrocracking	59	291	221	0	0	571	16	544	1,296
Delayed and Fluid Coking	4	612	438	12	0	1,066	29	520	1,986
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.87	1.76	1.75	1.89	0.52	1.67	1.42	1.29	1.45
API Gravity, Weighted Average (degrees)	38.35	29.82	30.32	28.24	39.87	30.75	33.45	27.71	30.90
Operable Capacity (daily average)	**603**	**3,816**	**3,073**	**211**	**96**	**7,797**	**578**	**3,145**	**16,747**
Operating	603	3,816	3,073	211	96	7,797	578	3,109	16,711
Idle	0	0	0	0	0	0	0	35	35
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**29,523**	**29,523**

[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 2003

(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	**49,441**	**2,887**	**52,328**	**70,030**	**12,872**	**23,161**	**106,063**
Natural Gas Liquids	**52**	**0**	**52**	**1,127**	**149**	**1,047**	**2,323**
Pentanes Plus	0	0	0	413	90	836	1,339
Liquefied Petroleum Gases	52	0	52	714	59	211	984
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	0	0	0	48	1	4	53
Isobutane	52	0	52	666	58	207	931
Other Liquids	**10,419**	**111**	**10,530**	**1,758**	**158**	**46**	**1,962**
Other Hydrocarbons/Hydrogen/Oxygenates	2,710	119	2,829	1,865	753	360	2,978
Other Hydrocarbons/Hydrogen	0	0	0	27	207	28	262
Oxygenates	W	W	2,829	1,838	546	332	2,716
Fuel Ethanol	W	W	W	W	W	W	2,716
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,635	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	948	1	949	-475	0	-825	-1,300
Motor Gasoline Blend. Comp. (net)	6,823	-9	6,814	368	-595	511	284
Aviation Gasoline Blend. Comp. (net)	-62	0	-62	0	0	0	0
Total Input to Refineries	**59,912**	**2,998**	**62,910**	**72,915**	**13,179**	**24,254**	**110,348**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,561	93	1,654	2,273	415	749	3,437
Operable Capacity (daily average)	1,614	94	1,709	2,324	426	768	3,518
Operable Utilization Rate (percent)[b]	96.7	98.7	96.8	97.8	97.5	97.5	97.7
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	618	18	636	794	130	203	1,127
Catalytic Hydrocracking	19	0	19	142	0	5	147
Delayed and Fluid Coking	35	0	35	198	57	77	332
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.88	1.46	0.91	1.39	2.30	0.89	1.39
API Gravity, Weighted Average (degrees)	32.25	33.08	32.29	32.25	26.74	34.97	32.16
Operable Capacity (daily average)	**1,614**	**94**	**1,709**	**2,324**	**426**	**768**	**3,518**
Operating	1,614	94	1,709	2,324	426	768	3,518
Idle	0	0	0	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 2003 (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	**18,664**	**120,093**	**91,296**	**5,065**	**2,695**	**237,813**	**14,132**	**82,889**	**493,225**
Natural Gas Liquids	**1,107**	**3,389**	**1,646**	**178**	**274**	**6,594**	**303**	**1,943**	**11,215**
Pentanes Plus	613	1,738	833	150	149	3,483	90	840	5,752
Liquefied Petroleum Gases	494	1,651	813	28	125	3,111	213	1,103	5,463
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	447	193	127	0	0	767	79	715	1,614
Isobutane	47	1,458	686	28	125	2,344	134	388	3,849
Other Liquids	**338**	**5,721**	**3,810**	**-188**	**-87**	**9,594**	**832**	**5,546**	**28,464**
Other Hydrocarbons/Hydrogen/Oxygenates	167	2,589	1,209	0	17	3,982	154	3,289	13,232
Other Hydrocarbons/Hydrogen	108	306	500	0	0	914	25	769	1,970
Oxygenates	59	2,283	709	W	W	3,068	129	2,520	11,262
Fuel Ethanol	W	W	W	W	W	W	W	W	4,290
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	2,199	W	W	W	2,940	W	1,207	6,782
Other Oxygenates[a]	W	W	W	W	W	W	W	W	190
Unfinished Oils (net)	94	6,298	4,409	-127	154	10,828	158	-20	10,615
Motor Gasoline Blend. Comp. (net)	76	-3,166	-1,797	-61	-258	-5,206	520	2,277	4,689
Aviation Gasoline Blend. Comp. (net)	1	0	-11	0	0	-10	0	0	-72
Total Input to Refineries	**20,109**	**129,203**	**96,752**	**5,055**	**2,882**	**254,001**	**15,267**	**90,378**	**532,904**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	604	3,783	2,972	152	87	7,597	456	2,893	16,038
Operable Capacity (daily average)	603	3,816	3,073	211	96	7,797	578	3,145	16,747
Operable Utilization Rate (percent)[b]	100.2	99.1	96.7	72.2	90.9	97.4	79.0	92.0	95.8
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	200	1,507	1,117	19	26	2,870	129	763	5,525
Catalytic Hydrocracking	59	304	240	0	0	603	15	507	1,292
Delayed and Fluid Coking	5	628	432	11	0	1,076	26	532	2,001
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.90	1.92	1.71	1.76	0.54	1.74	1.33	1.26	1.48
API Gravity, Weighted Average (degrees)	37.63	28.44	29.88	28.12	39.72	29.83	34.11	27.44	30.31
Operable Capacity (daily average)	**603**	**3,816**	**3,073**	**211**	**96**	**7,797**	**578**	**3,145**	**16,747**
Operating	603	3,816	3,073	211	96	7,797	578	3,109	16,711
Idle	0	0	0	0	0	0	0	35	35
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**28,770**	**28,770**

[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 2003

(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	**47,441**	**2,843**	**50,284**	**67,139**	**12,537**	**23,205**	**102,881**
Natural Gas Liquids	**50**	**0**	**50**	**1,148**	**190**	**983**	**2,321**
Pentanes Plus	0	0	0	488	94	737	1,319
Liquefied Petroleum Gases	50	0	50	660	96	246	1,002
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	0	0	0	60	39	0	99
Isobutane	50	0	50	600	57	246	903
Other Liquids	**10,547**	**97**	**10,644**	**2,606**	**418**	**259**	**3,283**
Other Hydrocarbons/Hydrogen/Oxygenates	2,502	121	2,623	1,829	738	357	2,924
Other Hydrocarbons/Hydrogen	0	0	0	22	191	24	237
Oxygenates	W	W	2,623	1,807	547	333	2,687
Fuel Ethanol	W	W	W	W	W	W	2,687
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,388	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	1,669	-17	1,652	1,768	208	-495	1,481
Motor Gasoline Blend. Comp. (net)	6,515	-7	6,508	-979	-528	397	-1,110
Aviation Gasoline Blend. Comp. (net)	-139	0	-139	-12	0	0	-12
Total Input to Refineries	**58,038**	**2,940**	**60,978**	**70,893**	**13,145**	**24,447**	**108,485**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,559	95	1,654	2,261	417	778	3,457
Operable Capacity (daily average)	1,614	94	1,709	2,324	426	768	3,518
Operable Utilization Rate (percent)[b]	96.6	100.4	96.8	97.3	98.0	101.3	98.3
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	641	20	661	811	138	214	1,163
Catalytic Hydrocracking	31	0	31	151	0	5	157
Delayed and Fluid Coking	68	0	68	196	55	91	343
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.91	1.39	0.94	1.33	2.38	0.87	1.35
API Gravity, Weighted Average (degrees)	32.41	32.73	32.43	32.36	26.97	35.38	32.39
Operable Capacity (daily average)	**1,614**	**94**	**1,709**	**2,324**	**426**	**768**	**3,518**
Operating	1,614	94	1,709	2,324	426	768	3,518
Idle	0	0	0	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 2003 (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	**16,873**	**109,665**	**85,382**	**4,615**	**2,567**	**219,102**	**16,794**	**79,549**	**468,610**
Natural Gas Liquids	**1,063**	**3,139**	**1,731**	**188**	**246**	**6,367**	**417**	**1,796**	**10,951**
Pentanes Plus	602	1,514	902	159	127	3,304	113	831	5,567
Liquefied Petroleum Gases	461	1,625	829	29	119	3,063	304	965	5,384
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	435	211	193	0	0	839	125	665	1,728
Isobutane	26	1,414	636	29	119	2,224	179	300	3,656
Other Liquids	**20**	**3,552**	**1,253**	**-249**	**-117**	**4,459**	**292**	**4,404**	**23,082**
Other Hydrocarbons/Hydrogen/Oxygenates	203	2,524	1,216	0	21	3,964	166	3,180	12,857
Other Hydrocarbons/Hydrogen	147	251	504	0	0	902	31	706	1,876
Oxygenates	56	2,273	712	W	W	3,062	135	2,474	10,981
Fuel Ethanol	W	W	W	W	W	W	W	W	4,266
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	2,192	W	W	W	2,941	W	1,163	6,492
Other Oxygenates[a]	W	W	W	W	W	W	W	W	223
Unfinished Oils (net)	-331	4,302	1,348	-256	108	5,171	-192	-413	7,699
Motor Gasoline Blend. Comp. (net)	146	-3,274	-1,318	7	-246	-4,685	318	1,637	2,668
Aviation Gasoline Blend. Comp. (net)	2	0	7	0	0	9	0	0	-142
Total Input to Refineries	**17,956**	**116,356**	**88,366**	**4,554**	**2,696**	**229,928**	**17,503**	**85,749**	**502,643**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	564	3,599	2,867	140	86	7,256	562	2,922	15,851
Operable Capacity (daily average)	603	3,816	3,073	211	96	7,797	578	3,145	16,747
Operable Utilization Rate (percent)[b]	93.6	94.3	93.3	66.3	89.8	93.1	97.3	92.9	94.7
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	192	1,409	1,055	18	26	2,700	153	717	5,394
Catalytic Hydrocracking	65	288	211	0	0	564	8	506	1,265
Delayed and Fluid Coking	5	640	457	14	0	1,117	46	518	2,091
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.90	1.79	1.65	1.82	0.55	1.65	1.46	1.22	1.43
API Gravity, Weighted Average (degrees)	34.35	29.84	29.46	27.66	38.92	30.09	32.68	27.83	30.55
Operable Capacity (daily average)	**603**	**3,816**	**3,073**	**211**	**96**	**7,797**	**578**	**3,145**	**16,747**
Operating	603	3,816	3,073	211	96	7,797	578	3,109	16,711
Idle	0	0	0	0	0	0	0	35	35
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**30,472**	**30,472**

[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 2003

(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	**48,408**	**2,745**	**51,153**	**67,283**	**12,671**	**22,028**	**101,982**
Natural Gas Liquids	**100**	**0**	**100**	**1,222**	**129**	**1,057**	**2,408**
Pentanes Plus	0	0	0	511	66	795	1,372
Liquefied Petroleum Gases	100	0	100	711	63	262	1,036
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	0	0	0	39	0	41	80
Isobutane	100	0	100	672	63	221	956
Other Liquids	**13,164**	**112**	**13,276**	**2,935**	**218**	**462**	**3,615**
Other Hydrocarbons/Hydrogen/Oxygenates	2,788	121	2,909	1,894	785	368	3,047
Other Hydrocarbons/Hydrogen	0	0	0	31	191	24	246
Oxygenates	W	W	2,909	1,863	594	344	2,801
Fuel Ethanol	W	W	W	W	W	W	2,801
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,634	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	2,161	-3	2,158	2,423	98	-499	2,022
Motor Gasoline Blend. Comp. (net)	8,374	-6	8,368	-1,377	-665	593	-1,449
Aviation Gasoline Blend. Comp. (net)	-159	0	-159	-5	0	0	-5
Total Input to Refineries	**61,672**	**2,857**	**64,529**	**71,440**	**13,018**	**23,547**	**108,005**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,555	89	1,643	2,187	410	716	3,314
Operable Capacity (daily average)	1,614	94	1,709	2,324	426	768	3,518
Operable Utilization Rate (percent)[b]	96.3	93.8	96.2	94.1	96.3	93.3	94.2
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	630	20	650	792	136	207	1,136
Catalytic Hydrocracking	34	0	34	152	0	6	158
Delayed and Fluid Coking	75	0	75	186	58	79	322
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.87	1.37	0.89	1.37	2.35	0.93	1.40
API Gravity, Weighted Average (degrees)	31.49	32.34	31.54	32.36	26.80	34.93	32.22
Operable Capacity (daily average)	**1,614**	**94**	**1,709**	**2,324**	**426**	**768**	**3,518**
Operating	1,614	94	1,709	2,324	426	768	3,518
Idle	0	0	0	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 2003 (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	**16,619**	**115,056**	**87,754**	**5,050**	**2,653**	**227,132**	**17,299**	**84,371**	**481,937**
Natural Gas Liquids	**1,139**	**3,302**	**1,810**	**184**	**263**	**6,698**	**493**	**1,698**	**11,397**
Pentanes Plus	631	1,671	832	155	139	3,428	174	659	5,633
Liquefied Petroleum Gases	508	1,631	978	29	124	3,270	319	1,039	5,764
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	454	163	274	0	0	891	162	668	1,801
Isobutane	54	1,468	704	29	124	2,379	157	371	3,963
Other Liquids	**315**	**4,845**	**2,352**	**-223**	**-215**	**7,074**	**929**	**4,933**	**29,827**
Other Hydrocarbons/Hydrogen/Oxygenates	218	2,422	1,234	0	23	3,897	146	3,485	13,484
Other Hydrocarbons/Hydrogen	175	298	522	0	0	995	17	741	1,999
Oxygenates	43	2,124	712	W	W	2,902	129	2,744	11,485
Fuel Ethanol	W	W	W	W	W	W	W	W	4,421
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	2,046	W	W	W	2,775	W	1,386	6,795
Other Oxygenates[a]	W	W	W	W	W	W	W	W	269
Unfinished Oils (net)	37	5,143	2,358	-206	130	7,462	413	666	12,721
Motor Gasoline Blend. Comp. (net)	66	-2,720	-1,242	-17	-368	-4,281	370	782	3,790
Aviation Gasoline Blend. Comp. (net)	-6	0	2	0	0	-4	0	0	-168
Total Input to Refineries	**18,073**	**123,203**	**91,916**	**5,011**	**2,701**	**240,904**	**18,721**	**91,002**	**523,161**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	539	3,651	2,857	148	85	7,280	562	2,946	15,745
Operable Capacity (daily average)	603	3,816	3,073	211	96	7,797	578	3,145	16,747
Operable Utilization Rate (percent)[b]	89.4	95.7	93.0	70.4	89.4	93.4	97.2	93.7	94.0
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	186	1,439	1,028	17	27	2,697	153	773	5,410
Catalytic Hydrocracking	47	256	218	0	0	520	14	494	1,219
Delayed and Fluid Coking	5	614	522	15	0	1,156	46	533	2,132
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.88	1.78	1.62	1.93	0.55	1.64	1.49	1.17	1.42
API Gravity, Weighted Average (degrees)	37.11	29.24	29.26	27.52	38.48	29.90	32.31	27.89	30.29
Operable Capacity (daily average)	**603**	**3,816**	**3,073**	**211**	**96**	**7,797**	**578**	**3,145**	**16,747**
Operating	603	3,816	3,073	211	96	7,797	578	3,109	16,711
Idle	0	0	0	0	0	0	0	35	35
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**30,905**	**30,905**

[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 2003

(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	**47,972**	**2,721**	**50,693**	**67,874**	**13,019**	**21,547**	**102,440**
Natural Gas Liquids	**118**	**0**	**118**	**1,374**	**172**	**1,287**	**2,833**
Pentanes Plus	0	0	0	572	102	944	1,618
Liquefied Petroleum Gases	118	0	118	802	70	343	1,215
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	0	0	0	80	0	108	188
Isobutane	118	0	118	722	70	235	1,027
Other Liquids	**9,654**	**123**	**9,777**	**2,099**	**242**	**-220**	**2,121**
Other Hydrocarbons/Hydrogen/Oxygenates	2,871	128	2,999	1,879	805	372	3,056
Other Hydrocarbons/Hydrogen	0	0	0	33	202	24	259
Oxygenates	W	W	2,999	1,846	603	348	2,797
Fuel Ethanol	W	W	W	W	W	W	2,797
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,783	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	1,078	0	1,078	1,096	-24	-908	164
Motor Gasoline Blend. Comp. (net)	5,850	-5	5,845	-889	-539	316	-1,112
Aviation Gasoline Blend. Comp. (net)	-145	0	-145	13	0	0	13
Total Input to Refineries	**57,744**	**2,844**	**60,588**	**71,347**	**13,433**	**22,614**	**107,394**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,516	88	1,604	2,201	421	701	3,323
Operable Capacity (daily average)	1,614	94	1,709	2,324	426	768	3,518
Operable Utilization Rate (percent)[b]	93.9	93.0	93.9	94.7	98.8	91.3	94.5
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	635	18	653	791	135	191	1,118
Catalytic Hydrocracking	37	0	37	139	0	6	145
Delayed and Fluid Coking	71	0	71	184	53	79	316
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.84	1.47	0.87	1.34	2.22	0.89	1.36
API Gravity, Weighted Average (degrees)	32.25	32.07	32.24	32.48	27.48	35.12	32.39
Operable Capacity (daily average)	**1,614**	**94**	**1,709**	**2,324**	**426**	**768**	**3,518**
Operating	1,614	94	1,709	2,324	426	768	3,518
Idle	0	0	0	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 2003 (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	**18,435**	**114,825**	**90,478**	**4,650**	**2,514**	**230,902**	**17,463**	**84,988**	**486,486**
Natural Gas Liquids	**1,141**	**3,449**	**2,165**	**185**	**246**	**7,186**	**421**	**1,584**	**12,142**
Pentanes Plus	646	1,820	1,007	150	123	3,746	143	622	6,129
Liquefied Petroleum Gases	495	1,629	1,158	35	123	3,440	278	962	6,013
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	456	188	304	0	0	948	129	626	1,891
Isobutane	39	1,441	854	35	123	2,492	149	336	4,122
Other Liquids	**482**	**6,894**	**4,593**	**-116**	**-87**	**11,766**	**957**	**5,101**	**29,722**
Other Hydrocarbons/Hydrogen/Oxygenates	179	2,704	1,353	0	21	4,257	155	3,577	14,044
Other Hydrocarbons/Hydrogen	135	346	641	0	0	1,122	22	797	2,200
Oxygenates	44	2,358	712	W	W	3,135	133	2,780	11,844
Fuel Ethanol	W	W	W	W	W	W	W	W	4,454
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	2,269	W	W	W	3,021	W	1,396	7,200
Other Oxygenates[a]	W	W	W	W	W	W	W	W	190
Unfinished Oils (net)	459	7,538	3,783	-103	179	11,856	475	-590	12,983
Motor Gasoline Blend. Comp. (net)	-156	-3,348	-552	-13	-287	-4,356	327	2,114	2,818
Aviation Gasoline Blend. Comp. (net)	0	0	9	0	0	9	0	0	-123
Total Input to Refineries	**20,058**	**125,168**	**97,236**	**4,719**	**2,673**	**249,854**	**18,841**	**91,673**	**528,350**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	597	3,660	2,950	145	81	7,432	567	2,985	15,911
Operable Capacity (daily average)	603	3,816	3,073	211	96	7,797	578	3,145	16,747
Operable Utilization Rate (percent)[b]	99.0	95.9	96.0	68.8	84.5	95.3	98.1	94.9	95.0
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	203	1,529	1,069	18	27	2,847	147	776	5,541
Catalytic Hydrocracking	57	272	254	0	0	584	17	489	1,271
Delayed and Fluid Coking	5	612	513	5	0	1,134	44	542	2,108
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.82	1.65	1.65	1.84	0.54	1.57	1.46	1.24	1.39
API Gravity, Weighted Average (degrees)	37.31	29.76	29.23	27.75	38.48	30.21	32.51	27.74	30.52
Operable Capacity (daily average)	**603**	**3,816**	**3,073**	**211**	**96**	**7,797**	**578**	**3,145**	**16,747**
Operating	603	3,815	3,073	211	96	7,796	578	3,109	16,710
Idle	0	1	0	0	0	1	0	35	36
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**29,399**	**29,399**

[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 2003

(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	**46,754**	**2,707**	**49,461**	**62,900**	**9,311**	**20,897**	**93,108**
Natural Gas Liquids	**88**	**0**	**88**	**1,189**	**152**	**1,044**	**2,385**
Pentanes Plus	0	0	0	490	131	850	1,471
Liquefied Petroleum Gases	88	0	88	699	21	194	914
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	0	0	0	187	7	0	194
Isobutane	88	0	88	512	14	194	720
Other Liquids	**8,610**	**128**	**8,738**	**890**	**167**	**931**	**1,988**
Other Hydrocarbons/Hydrogen/Oxygenates	2,140	107	2,247	1,820	763	370	2,953
Other Hydrocarbons/Hydrogen	12	0	12	29	211	23	263
Oxygenates	W	W	2,235	1,791	552	347	2,690
Fuel Ethanol	W	W	W	W	W	W	2,690
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,090	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	1,609	19	1,628	1,090	-713	-43	334
Motor Gasoline Blend. Comp. (net)	5,001	2	5,003	-2,028	117	604	-1,307
Aviation Gasoline Blend. Comp. (net)	-140	0	-140	8	0	0	8
Total Input to Refineries	**55,452**	**2,835**	**58,287**	**64,979**	**9,630**	**22,872**	**97,481**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,532	90	1,622	2,108	313	705	3,126
Operable Capacity (daily average)	1,614	94	1,709	2,324	426	768	3,518
Operable Utilization Rate (percent)[b]	94.9	95.6	94.9	90.7	73.5	91.7	88.8
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	633	20	653	731	45	198	973
Catalytic Hydrocracking	37	0	37	148	0	6	153
Delayed and Fluid Coking	73	0	73	135	43	78	256
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.93	1.45	0.96	1.18	2.10	0.82	1.19
API Gravity, Weighted Average (degrees)	32.24	31.85	32.22	33.31	28.89	35.63	33.39
Operable Capacity (daily average)	**1,614**	**94**	**1,709**	**2,324**	**426**	**768**	**3,518**
Operating	1,600	94	1,695	2,324	426	768	3,518
Idle	14	0	14	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 2003 (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	**17,127**	**110,312**	**88,326**	**4,730**	**2,494**	**222,989**	**17,077**	**80,749**	**463,384**
Natural Gas Liquids	**1,209**	**3,599**	**2,385**	**201**	**247**	**7,641**	**502**	**1,740**	**12,356**
Pentanes Plus	628	1,714	1,180	153	130	3,805	154	577	6,007
Liquefied Petroleum Gases	581	1,885	1,205	48	117	3,836	348	1,163	6,349
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	436	567	493	15	0	1,511	182	806	2,693
Isobutane	145	1,318	712	33	117	2,325	166	357	3,656
Other Liquids	**-130**	**7,833**	**1,519**	**-142**	**7**	**9,087**	**440**	**3,047**	**23,300**
Other Hydrocarbons/Hydrogen/Oxygenates	141	2,607	1,188	0	21	3,957	145	3,498	12,800
Other Hydrocarbons/Hydrogen	97	487	648	0	0	1,232	23	833	2,363
Oxygenates	44	2,120	540	W	W	2,725	122	2,665	10,437
Fuel Ethanol	W	W	W	W	W	W	W	W	4,269
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	2,040	W	W	W	2,599	W	1,353	6,042
Other Oxygenates[a]	W	W	W	W	W	W	W	W	126
Unfinished Oils (net)	-44	9,624	2,063	-129	128	11,642	270	1,463	15,337
Motor Gasoline Blend. Comp. (net)	-233	-4,398	-1,725	-13	-142	-6,511	25	-1,914	-4,704
Aviation Gasoline Blend. Comp. (net)	6	0	-7	0	0	-1	0	0	-133
Total Input to Refineries	**18,206**	**121,744**	**92,230**	**4,789**	**2,748**	**239,717**	**18,019**	**85,536**	**499,040**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	574	3,631	2,963	136	83	7,387	564	2,891	15,590
Operable Capacity (daily average)	603	3,816	3,073	211	96	7,797	578	3,145	16,747
Operable Utilization Rate (percent)[b]	95.3	95.2	96.4	64.4	86.8	94.7	97.7	91.9	93.1
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	194	1,494	1,059	18	27	2,791	154	799	5,371
Catalytic Hydrocracking	56	310	236	0	0	602	16	546	1,355
Delayed and Fluid Coking	5	584	545	14	0	1,148	47	542	2,067
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.85	1.67	1.65	1.86	0.55	1.59	1.49	1.23	1.38
API Gravity, Weighted Average (degrees)	37.08	29.69	29.03	27.52	38.47	30.05	32.60	27.58	30.62
Operable Capacity (daily average)	**603**	**3,816**	**3,073**	**211**	**96**	**7,797**	**578**	**3,145**	**16,747**
Operating	603	3,816	3,073	211	96	7,797	578	3,109	16,697
Idle	0	0	0	0	0	0	0	35	49
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**28,353**	**28,353**

[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 2003

(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	**47,653**	**2,757**	**50,410**	**64,197**	**12,025**	**21,185**	**97,407**
Natural Gas Liquids	**209**	**0**	**209**	**2,172**	**257**	**671**	**3,100**
Pentanes Plus	0	0	0	853	181	455	1,489
Liquefied Petroleum Gases	209	0	209	1,319	76	216	1,611
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	90	0	90	941	35	17	993
Isobutane	119	0	119	378	41	199	618
Other Liquids	**9,826**	**89**	**9,915**	**63**	**71**	**126**	**260**
Other Hydrocarbons/Hydrogen/Oxygenates	2,119	118	2,237	1,842	840	386	3,068
Other Hydrocarbons/Hydrogen	0	0	0	23	248	24	295
Oxygenates	W	W	2,237	1,819	592	362	2,773
Fuel Ethanol	W	W	W	W	W	W	2,773
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,007	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	1,344	-25	1,319	487	-70	-510	-93
Motor Gasoline Blend. Comp. (net)	6,447	-4	6,443	-2,255	-699	250	-2,704
Aviation Gasoline Blend. Comp. (net)	-84	0	-84	-11	0	0	-11
Total Input to Refineries	**57,688**	**2,846**	**60,534**	**66,432**	**12,353**	**21,982**	**100,767**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,499	89	1,588	1,989	385	696	3,071
Operable Capacity (daily average)	1,614	94	1,709	2,324	426	768	3,518
Operable Utilization Rate (percent)[b]	92.9	94.2	92.9	85.6	90.4	90.6	87.3
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	590	20	610	710	118	193	1,020
Catalytic Hydrocracking	29	0	29	111	0	6	117
Delayed and Fluid Coking	80	0	80	149	53	73	275
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.78	1.44	0.81	1.27	2.20	0.83	1.29
API Gravity, Weighted Average (degrees)	32.63	32.07	32.60	32.83	27.56	35.85	32.83
Operable Capacity (daily average)	**1,614**	**94**	**1,709**	**2,324**	**426**	**768**	**3,518**
Operating	1,614	94	1,709	2,324	426	768	3,518
Idle	0	0	0	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 2003 (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	**17,165**	**113,913**	**89,947**	**5,017**	**2,609**	**228,651**	**16,594**	**82,540**	**475,602**
Natural Gas Liquids	**1,296**	**3,874**	**2,273**	**216**	**268**	**7,927**	**605**	**2,173**	**14,014**
Pentanes Plus	624	1,827	1,006	141	144	3,742	189	861	6,281
Liquefied Petroleum Gases	672	2,047	1,267	75	124	4,185	416	1,312	7,733
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	508	954	589	39	0	2,090	265	968	4,406
Isobutane	164	1,093	678	36	124	2,095	151	344	3,327
Other Liquids	**-387**	**8,310**	**852**	**-94**	**-185**	**8,496**	**91**	**4,371**	**23,133**
Other Hydrocarbons/Hydrogen/Oxygenates	106	2,336	1,254	0	44	3,740	185	3,518	12,748
Other Hydrocarbons/Hydrogen	42	409	748	0	0	1,199	43	851	2,388
Oxygenates	64	1,927	506	W	W	2,541	142	2,667	10,360
Fuel Ethanol	W	W	W	W	W	W	W	W	4,795
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	1,839	W	W	W	2,373	W	1,052	5,432
Other Oxygenates[a]	W	W	W	W	W	W	W	W	133
Unfinished Oils (net)	149	9,672	657	-117	104	10,465	-283	103	11,511
Motor Gasoline Blend. Comp. (net)	-643	-3,698	-1,059	23	-333	-5,710	189	750	-1,032
Aviation Gasoline Blend. Comp. (net)	1	0	0	0	0	1	0	0	-94
Total Input to Refineries	**18,074**	**126,097**	**93,072**	**5,139**	**2,692**	**245,074**	**17,290**	**89,084**	**512,749**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	560	3,617	2,922	140	84	7,323	542	2,956	15,480
Operable Capacity (daily average)	603	3,816	3,073	211	96	7,797	578	3,145	16,747
Operable Utilization Rate (percent)[b]	92.9	94.8	95.1	66.5	87.4	93.9	93.8	94.0	92.4
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	184	1,449	975	19	27	2,655	141	727	5,153
Catalytic Hydrocracking	55	297	232	0	0	584	17	558	1,306
Delayed and Fluid Coking	5	546	516	13	0	1,081	41	515	1,991
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.78	1.67	1.71	1.91	0.56	1.61	1.48	1.19	1.38
API Gravity, Weighted Average (degrees)	36.89	29.62	29.10	31.57	38.88	30.11	32.57	27.64	30.58
Operable Capacity (daily average)	**603**	**3,816**	**3,073**	**211**	**96**	**7,797**	**578**	**3,145**	**16,747**
Operating	603	3,816	3,073	211	96	7,797	578	3,095	16,697
Idle	0	0	0	0	0	0	0	50	50
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**29,485**	**29,485**

[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 2003

(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	**42,082**	**2,588**	**44,670**	**63,711**	**12,508**	**22,070**	**98,289**
Natural Gas Liquids	**87**	**0**	**87**	**2,943**	**316**	**988**	**4,247**
Pentanes Plus	0	0	0	956	105	726	1,787
Liquefied Petroleum Gases	87	0	87	1,987	211	262	2,460
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	39	0	39	1,494	140	84	1,718
Isobutane	48	0	48	493	71	178	742
Other Liquids	**8,914**	**-30**	**8,884**	**609**	**209**	**2**	**820**
Other Hydrocarbons/Hydrogen/Oxygenates	1,725	108	1,833	1,828	808	341	2,977
Other Hydrocarbons/Hydrogen	0	0	0	30	278	24	332
Oxygenates	W	W	1,833	1,798	530	317	2,645
Fuel Ethanol	W	W	W	W	W	W	2,645
Methanol	W	W	W	W	W	W	W
MTBE	W	W	1,433	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	1,665	-121	1,544	1,921	252	-863	1,310
Motor Gasoline Blend. Comp. (net)	5,662	-17	5,645	-3,139	-851	524	-3,466
Aviation Gasoline Blend. Comp. (net)	-138	0	-138	-1	0	0	-1
Total Input to Refineries	**51,083**	**2,558**	**53,641**	**67,263**	**13,033**	**23,060**	**103,356**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,364	86	1,450	2,138	415	745	3,297
Operable Capacity (daily average)	1,614	94	1,709	2,324	426	768	3,518
Operable Utilization Rate (percent)[b]	84.5	91.4	84.9	92.0	97.3	97.0	93.7
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	591	19	609	746	139	207	1,091
Catalytic Hydrocracking	39	0	39	125	0	6	130
Delayed and Fluid Coking	75	0	75	167	62	72	300
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	1.00	1.46	1.03	1.37	2.29	0.82	1.36
API Gravity, Weighted Average (degrees)	31.54	32.24	31.58	32.17	26.81	35.58	32.26
Operable Capacity (daily average)	**1,614**	**94**	**1,709**	**2,324**	**426**	**768**	**3,518**
Operating	1,586	94	1,681	2,324	426	768	3,518
Idle	28	0	28	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, November 2003 (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	**17,222**	**110,532**	**89,968**	**4,636**	**2,084**	**224,442**	**16,160**	**80,094**	**463,655**
Natural Gas Liquids	**1,160**	**3,624**	**2,730**	**278**	**222**	**8,014**	**526**	**2,301**	**15,175**
Pentanes Plus	571	1,434	1,229	164	152	3,550	153	835	6,325
Liquefied Petroleum Gases	589	2,190	1,501	114	70	4,464	373	1,466	8,850
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	439	1,084	854	77	1	2,455	246	1,064	5,522
Isobutane	150	1,106	647	37	69	2,009	127	402	3,328
Other Liquids	**-434**	**7,843**	**-94**	**-151**	**-278**	**6,886**	**725**	**3,735**	**21,050**
Other Hydrocarbons/Hydrogen/Oxygenates	174	2,261	995	0	49	3,479	210	2,984	11,483
Other Hydrocarbons/Hydrogen	109	451	540	0	0	1,100	27	843	2,302
Oxygenates	65	1,810	455	W	W	2,379	183	2,141	9,181
Fuel Ethanol	W	W	W	W	W	W	W	W	5,411
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	1,722	W	W	W	2,192	W	47	3,672
Other Oxygenates[a]	W	W	W	W	W	W	W	W	98
Unfinished Oils (net)	78	10,413	1,032	-143	-170	11,210	267	365	14,696
Motor Gasoline Blend. Comp. (net)	-687	-4,831	-2,111	-8	-157	-7,794	248	386	-4,981
Aviation Gasoline Blend. Comp. (net)	1	0	-10	0	0	-9	0	0	-148
Total Input to Refineries	**17,948**	**121,999**	**92,604**	**4,763**	**2,028**	**239,342**	**17,411**	**86,130**	**499,880**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	578	3,634	3,022	137	70	7,441	543	2,948	15,679
Operable Capacity (daily average)	603	3,816	3,073	211	96	7,797	578	3,145	16,747
Operable Utilization Rate (percent)[b]	95.9	95.2	98.4	65.2	73.0	95.4	94.0	93.7	93.6
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	198	1,470	994	19	19	2,698	137	671	5,206
Catalytic Hydrocracking	50	312	193	0	0	554	17	517	1,257
Delayed and Fluid Coking	4	612	517	17	0	1,150	41	539	2,105
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.87	1.74	1.69	1.74	0.50	1.64	1.43	1.22	1.45
API Gravity, Weighted Average (degrees)	36.98	29.55	29.24	27.96	39.14	30.06	32.51	27.52	30.31
Operable Capacity (daily average)	**603**	**3,816**	**3,073**	**211**	**96**	**7,797**	**578**	**3,145**	**16,747**
Operating	603	3,816	3,073	211	96	7,797	578	3,095	16,669
Idle	0	0	0	0	0	0	0	50	78
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**29,344**	**29,344**

[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 2003

(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	**46,648**	**2,742**	**49,390**	**60,861**	**12,177**	**21,579**	**94,617**
Natural Gas Liquids	**140**	**0**	**140**	**2,924**	**177**	**988**	**4,089**
Pentanes Plus	0	0	0	933	0	770	1,703
Liquefied Petroleum Gases	140	0	140	1,991	177	218	2,386
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	73	0	73	1,503	119	21	1,643
Isobutane	67	0	67	488	58	197	743
Other Liquids	**12,654**	**156**	**12,810**	**1,651**	**202**	**766**	**2,619**
Other Hydrocarbons/Hydrogen/Oxygenates	2,241	113	2,354	1,916	769	348	3,033
Other Hydrocarbons/Hydrogen	0	0	0	56	244	25	325
Oxygenates	W	W	2,354	1,860	525	323	2,708
Fuel Ethanol	W	W	W	W	W	W	2,708
Methanol	W	W	W	W	W	W	W
MTBE	W	W	1,376	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	2,449	38	2,487	2,629	59	-281	2,407
Motor Gasoline Blend. Comp. (net)	8,083	5	8,088	-2,894	-626	699	-2,821
Aviation Gasoline Blend. Comp. (net)	-119	0	-119	0	0	0	0
Total Input to Refineries	**59,442**	**2,898**	**62,340**	**65,436**	**12,556**	**23,333**	**101,325**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,499	88	1,588	1,965	393	701	3,059
Operable Capacity (daily average)	1,614	94	1,709	2,324	426	768	3,518
Operable Utilization Rate (percent)[b]	92.9	93.7	92.9	84.5	92.2	91.3	86.9
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	655	17	672	680	131	214	1,025
Catalytic Hydrocracking	44	0	44	128	0	5	133
Delayed and Fluid Coking	92	0	92	172	61	81	314
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.64	1.45	0.68	1.43	2.38	0.85	1.42
API Gravity, Weighted Average (degrees)	32.28	32.44	32.29	31.78	25.76	35.37	31.84
Operable Capacity (daily average)	**1,614**	**94**	**1,709**	**2,324**	**426**	**768**	**3,518**
Operating	1,584	94	1,679	2,324	426	768	3,518
Idle	30	0	30	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 2003 (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	**17,787**	**114,044**	**94,955**	**4,566**	**1,871**	**233,223**	**16,599**	**81,855**	**475,684**
Natural Gas Liquids	**1,203**	**4,136**	**2,925**	**285**	**204**	**8,753**	**549**	**2,593**	**16,124**
Pentanes Plus	583	1,735	1,161	163	151	3,793	153	948	6,597
Liquefied Petroleum Gases	620	2,401	1,764	122	53	4,960	396	1,645	9,527
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	460	1,245	1,075	85	0	2,865	311	1,217	6,109
Isobutane	160	1,156	689	37	53	2,095	85	428	3,418
Other Liquids	**-182**	**8,308**	**2,286**	**-94**	**-22**	**10,296**	**640**	**4,008**	**30,373**
Other Hydrocarbons/Hydrogen/Oxygenates	154	2,420	1,085	0	49	3,708	224	3,128	12,447
Other Hydrocarbons/Hydrogen	96	443	518	0	0	1,057	31	832	2,245
Oxygenates	58	1,977	567	W	W	2,651	193	2,296	10,202
Fuel Ethanol	W	W	W	W	W	W	W	W	6,240
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	1,886	W	W	W	2,467	W	22	3,865
Other Oxygenates[a]	W	W	W	W	W	W	W	W	97
Unfinished Oils (net)	59	10,083	2,525	-78	138	12,727	126	1,667	19,414
Motor Gasoline Blend. Comp. (net)	-390	-4,195	-1,324	-16	-209	-6,134	290	-787	-1,364
Aviation Gasoline Blend. Comp. (net)	-5	0	0	0	0	-5	0	0	-124
Total Input to Refineries	**18,808**	**126,488**	**100,166**	**4,757**	**2,053**	**252,272**	**17,788**	**88,456**	**522,181**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	574	3,610	3,092	134	68	7,479	537	2,914	15,577
Operable Capacity (daily average)	603	3,816	3,073	211	96	7,797	578	3,145	16,747
Operable Utilization Rate (percent)[b]	95.3	94.6	100.6	63.7	71.2	95.9	93.0	92.7	93.0
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	179	1,474	973	19	14	2,659	145	763	5,264
Catalytic Hydrocracking	40	303	241	0	0	584	17	536	1,314
Delayed and Fluid Coking	5	616	528	13	0	1,163	47	550	2,166
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.90	1.77	1.61	1.70	0.48	1.63	1.43	1.25	1.41
API Gravity, Weighted Average (degrees)	36.65	29.19	29.19	28.69	40.31	29.83	32.34	27.67	30.20
Operable Capacity (daily average)	**603**	**3,816**	**3,073**	**211**	**96**	**7,797**	**578**	**3,145**	**16,747**
Operating	603	3,816	3,073	148	96	7,734	578	3,095	16,604
Idle	0	0	0	63	0	63	0	50	143
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**29,646**	**29,646**

[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."