Table 28. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2004

(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	**43,704**	**2,933**	**46,637**	**68,912**	**11,466**	**20,765**	**101,143**
Natural Gas Liquids	**96**	**0**	**96**	**2,305**	**147**	**1,058**	**3,510**
Pentanes Plus	0	0	0	828	0	807	1,635
Liquefied Petroleum Gases	96	0	96	1,477	147	251	1,875
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	49	0	49	880	74	36	990
Isobutane	47	0	47	597	73	215	885
Other Liquids	**16,657**	**-17**	**16,640**	**-1,673**	**-1,338**	**1,506**	**-1,505**
Other Hydrocarbons/Hydrogen/Oxygenates	2,476	114	2,590	1,902	642	398	2,942
Other Hydrocarbons/Hydrogen	0	0	0	68	46	53	167
Oxygenates	W	W	2,590	1,834	596	345	2,775
Fuel Ethanol	W	W	W	W	W	W	2,775
Methanol	W	W	W	W	W	W	W
MTBE	W	W	1,450	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	1,993	-117	1,876	389	344	-295	438
Motor Gasoline Blend. Comp. (net)	12,380	-14	12,366	-3,944	-2,324	1,403	-4,865
Aviation Gasoline Blend. Comp. (net)	-192	0	-192	-20	0	0	-20
Total Input to Refineries	**60,457**	**2,916**	**63,373**	**69,544**	**10,275**	**23,329**	**103,148**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,386	95	1,481	2,239	370	672	3,281
Operable Capacity (daily average)	1,647	94	1,741	2,327	426	773	3,526
Operable Utilization Rate (percent)[b,c]	84.2	100.2	85.1	96.2	86.8	86.9	93.1
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	555	17	572	773	132	198	1,103
Catalytic Hydrocracking	43	0	43	129	0	6	135
Delayed and Fluid Coking	79	0	79	189	56	66	311
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	1.07	1.29	1.08	1.42	2.14	0.80	1.38
API Gravity, Weighted Average (degrees)	31.21	33.34	31.34	31.68	27.52	34.80	31.85
Operable Capacity (daily average)	**1,647**	**94**	**1,741**	**2,327**	**426**	**773**	**3,526**
Operating	1,641	94	1,736	2,327	426	773	3,526
Idle	5	0	5	0	0	0	0
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**

See footnotes at end of table.

Table 28. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2004 (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	**18,836**	**115,674**	**81,045**	**4,857**	**3,035**	**223,447**	**17,602**	**74,735**	**463,564**
Natural Gas Liquids	**1,034**	**4,177**	**2,614**	**58**	**245**	**8,128**	**502**	**2,230**	**14,466**
Pentanes Plus	530	1,841	1,197	16	95	3,679	146	845	6,305
Liquefied Petroleum Gases	504	2,336	1,417	42	150	4,449	356	1,385	8,161
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	323	915	755	4	0	1,997	210	992	4,238
Isobutane	181	1,421	662	38	150	2,452	146	393	3,923
Other Liquids	**-570**	**6,966**	**6,586**	**-210**	**-467**	**12,305**	**113**	**8,306**	**35,859**
Other Hydrocarbons/Hydrogen/Oxygenates	160	2,525	807	0	45	3,537	182	3,217	12,468
Other Hydrocarbons/Hydrogen	105	561	581	0	0	1,247	40	1,019	2,473
Oxygenates	55	1,964	226	W	W	2,290	142	2,198	9,995
Fuel Ethanol	W	W	W	W	W	W	142	2,198	6,316
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	1,898	W	W	W	2,147	W	0	3,597
Other Oxygenates[a]	W	W	W	W	W	W	W	W	82
Unfinished Oils (net)	121	9,870	6,281	-212	186	16,246	-124	1,751	20,187
Motor Gasoline Blend. Comp. (net)	-852	-5,429	-502	2	-698	-7,479	55	3,338	3,415
Aviation Gasoline Blend. Comp. (net)	1	0	0	0	0	1	0	0	-211
Total Input to Refineries	**19,300**	**126,817**	**90,245**	**4,705**	**2,813**	**243,880**	**18,217**	**85,271**	**513,889**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	609	3,711	2,675	150	98	7,243	571	2,697	15,272
Operable Capacity (daily average)	615	3,854	3,121	211	113	7,912	582	3,164	16,925
Operable Utilization Rate (percent)[b,c]	99.0	96.3	85.7	71.1	86.9	91.5	98.2	85.2	90.2
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	189	1,538	1,088	14	32	2,862	148	704	5,389
Catalytic Hydrocracking	59	291	205	0	0	555	15	425	1,175
Delayed and Fluid Coking	5	669	456	6	0	1,137	44	427	1,998
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.93	1.82	1.49	1.73	0.59	1.61	1.34	1.28	1.44
API Gravity, Weighted Average (degrees)	36.81	27.74	28.62	27.05	39.24	28.97	32.43	27.90	29.78
Operable Capacity (daily average)	**615**	**3,854**	**3,121**	**211**	**113**	**7,912**	**582**	**3,164**	**16,925**
Operating	615	3,854	3,104	211	113	7,896	581	3,108	16,845
Idle	0	0	17	0	0	17	2	57	80
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**26,426**	**26,426**

[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 calendar day capacity.

[c] See Table H2 in the Highlights Section for additional information concerning utilization rates.

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."