Table 28. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 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	**39,017**	**2,832**	**41,849**	**63,894**	**10,463**	**22,885**	**97,242**
Natural Gas Liquids	**70**	**0**	**70**	**1,607**	**56**	**976**	**2,639**
Pentanes Plus	0	0	0	672	1	723	1,396
Liquefied Petroleum Gases	70	0	70	935	55	253	1,243
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	5	0	5	252	8	0	260
Isobutane	65	0	65	683	47	253	983
Other Liquids	**13,561**	**71**	**13,632**	**137**	**-1,067**	**786**	**-144**
Other Hydrocarbons/Hydrogen/Oxygenates	2,311	111	2,422	1,842	624	395	2,861
Other Hydrocarbons/Hydrogen	0	0	0	86	32	55	173
Oxygenates	W	W	2,422	1,756	592	340	2,688
Fuel Ethanol	W	W	W	W	W	W	2,688
Methanol	W	W	W	W	W	W	W
MTBE	W	W	1,313	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	1,391	-35	1,356	2,017	-396	-442	1,179
Motor Gasoline Blend. Comp. (net)	10,062	-5	10,057	-3,739	-1,295	833	-4,201
Aviation Gasoline Blend. Comp. (net)	-203	0	-203	17	0	0	17
Total Input to Refineries	**52,648**	**2,903**	**55,551**	**65,638**	**9,452**	**24,647**	**99,737**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,261	94	1,355	2,135	349	768	3,251
Operable Capacity (daily average)	1,647	94	1,741	2,327	426	773	3,526
Operable Utilization Rate (percent)[b,c]	76.6	100.0	77.9	91.8	81.9	99.3	92.2
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	526	18	545	733	86	210	1,029
Catalytic Hydrocracking	40	0	40	127	0	7	134
Delayed and Fluid Coking	68	0	68	173	41	88	302
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	1.15	1.47	1.17	1.47	1.95	0.91	1.39
API Gravity, Weighted Average (degrees)	30.99	31.85	31.05	31.31	29.37	35.16	32.02
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, September 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	**18,924**	**111,516**	**76,809**	**4,548**	**2,840**	**214,637**	**17,269**	**78,401**	**449,398**
Natural Gas Liquids	**979**	**3,558**	**1,952**	**58**	**295**	**6,842**	**459**	**1,643**	**11,653**
Pentanes Plus	523	1,634	1,075	11	157	3,400	142	618	5,556
Liquefied Petroleum Gases	456	1,924	877	47	138	3,442	317	1,025	6,097
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	283	439	373	0	0	1,095	152	652	2,164
Isobutane	173	1,485	504	47	138	2,347	165	373	3,933
Other Liquids	**-185**	**7,911**	**2,005**	**-13**	**-455**	**9,263**	**-227**	**5,241**	**27,765**
Other Hydrocarbons/Hydrogen/Oxygenates	154	2,644	897	0	20	3,715	135	2,818	11,951
Other Hydrocarbons/Hydrogen	112	551	526	0	0	1,189	39	884	2,285
Oxygenates	42	2,093	371	W	W	2,526	96	1,934	9,666
Fuel Ethanol	W	W	W	W	W	W	96	1,934	5,831
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	2,025	W	W	W	2,431	W	0	3,744
Other Oxygenates[a]	W	W	W	W	W	W	W	W	91
Unfinished Oils (net)	33	10,053	2,851	-8	227	13,156	-459	3,320	18,552
Motor Gasoline Blend. Comp. (net)	-369	-4,786	-1,743	-5	-702	-7,605	97	-897	-2,549
Aviation Gasoline Blend. Comp. (net)	-3	0	0	0	0	-3	0	0	-189
Total Input to Refineries	**19,718**	**122,985**	**80,766**	**4,593**	**2,680**	**230,742**	**17,501**	**85,285**	**488,816**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	631	3,724	2,605	143	95	7,197	581	2,863	15,248
Operable Capacity (daily average)	615	3,854	3,121	211	113	7,912	582	3,164	16,925
Operable Utilization Rate (percent)[b,c]	102.6	96.6	83.5	68.1	84.1	91.0	99.9	90.5	90.1
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	193	1,505	961	19	32	2,711	154	777	5,216
Catalytic Hydrocracking	59	290	195	0	0	545	15	535	1,270
Delayed and Fluid Coking	4	639	392	8	0	1,043	42	475	1,931
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.88	1.82	1.55	1.68	0.58	1.62	1.33	1.28	1.46
API Gravity, Weighted Average (degrees)	36.89	29.45	28.77	28.67	39.48	29.98	32.60	27.72	30.21
Operable Capacity (daily average)	**615**	**3,854**	**3,121**	**211**	**113**	**7,912**	**582**	**3,164**	**16,925**
Operating	615	3,853	3,104	211	113	7,895	581	3,108	16,845
Idle	0	1	17	0	0	18	1	57	81
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**27,268**	**27,268**

[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."