Table 28. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 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	**45,470**	**2,344**	**47,814**	**67,175**	**12,347**	**20,068**	**99,590**
Natural Gas Liquids	**172**	**0**	**172**	**2,650**	**237**	**995**	**3,882**
Pentanes Plus	0	0	0	786	0	674	1,460
Liquefied Petroleum Gases	172	0	172	1,864	237	321	2,422
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	25	0	25	1,354	138	89	1,581
Isobutane	147	0	147	510	99	232	841
Other Liquids	**12,394**	**115**	**12,509**	**-823**	**-1,315**	**790**	**-1,348**
Other Hydrocarbons/Hydrogen/Oxygenates	2,262	108	2,370	1,906	615	383	2,904
Other Hydrocarbons/Hydrogen	0	0	0	84	56	52	192
Oxygenates	W	W	2,370	1,822	559	331	2,712
Fuel Ethanol	W	W	W	W	W	W	2,712
Methanol	W	W	W	W	W	W	W
MTBE	W	W	1,265	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	2,137	3	2,140	1,749	49	-645	1,153
Motor Gasoline Blend. Comp. (net)	8,181	4	8,185	-4,478	-1,979	1,052	-5,405
Aviation Gasoline Blend. Comp. (net)	-186	0	-186	0	0	0	0
Total Input to Refineries	**58,036**	**2,459**	**60,495**	**69,002**	**11,269**	**21,853**	**102,124**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,483	78	1,561	2,243	412	672	3,326
Operable Capacity (daily average)	1,647	94	1,741	2,327	426	773	3,526
Operable Utilization Rate (percent)[b,c]	90.1	82.6	89.7	96.4	96.6	86.9	94.3
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	600	16	616	767	134	196	1,096
Catalytic Hydrocracking	42	0	42	137	0	6	143
Delayed and Fluid Coking	83	0	83	185	64	73	321
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.82	1.39	0.85	1.45	2.22	0.91	1.44
API Gravity, Weighted Average (degrees)	32.38	33.20	32.42	31.43	26.91	34.80	31.55
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, November 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	**17,966**	**115,777**	**86,338**	**4,771**	**2,802**	**227,654**	**16,575**	**78,401**	**470,034**
Natural Gas Liquids	**984**	**4,035**	**2,437**	**112**	**287**	**7,855**	**495**	**2,576**	**14,980**
Pentanes Plus	489	1,627	1,195	9	154	3,474	167	960	6,061
Liquefied Petroleum Gases	495	2,408	1,242	103	133	4,381	328	1,616	8,919
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	346	1,190	712	71	0	2,319	224	1,192	5,341
Isobutane	149	1,218	530	32	133	2,062	104	424	3,578
Other Liquids	**-953**	**4,789**	**2,082**	**-194**	**-349**	**5,375**	**63**	**4,596**	**21,195**
Other Hydrocarbons/Hydrogen/Oxygenates	188	2,153	842	0	53	3,236	199	3,302	12,011
Other Hydrocarbons/Hydrogen	118	527	626	0	0	1,271	27	930	2,420
Oxygenates	70	1,626	216	W	W	1,965	172	2,372	9,591
Fuel Ethanol	W	W	W	W	W	W	172	2,372	6,422
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	1,549	W	W	W	1,796	W	0	3,061
Other Oxygenates[a]	W	W	W	W	W	W	W	W	108
Unfinished Oils (net)	-195	8,701	3,344	-158	205	11,897	-1	229	15,418
Motor Gasoline Blend. Comp. (net)	-952	-6,065	-2,104	-36	-607	-9,764	-135	1,065	-6,054
Aviation Gasoline Blend. Comp. (net)	6	0	0	0	0	6	0	0	-180
Total Input to Refineries	**17,997**	**124,601**	**90,857**	**4,689**	**2,740**	**240,884**	**17,133**	**85,573**	**506,209**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	605	3,845	2,953	147	93	7,644	555	2,888	15,975
Operable Capacity (daily average)	615	3,854	3,121	214	113	7,916	582	3,164	16,929
Operable Utilization Rate (percent)[b,c]	98.4	99.8	94.6	68.6	82.9	96.6	95.4	91.3	94.4
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	192	1,568	1,102	17	29	2,909	155	777	5,553
Catalytic Hydrocracking	52	286	214	0	0	552	10	469	1,217
Delayed and Fluid Coking	5	674	479	11	0	1,170	44	459	2,077
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.94	1.86	1.61	1.78	0.59	1.67	1.38	1.29	1.47
API Gravity, Weighted Average (degrees)	36.93	28.05	28.53	27.62	39.70	29.06	32.35	27.58	29.77
Operable Capacity (daily average)	**615**	**3,854**	**3,121**	**214**	**113**	**7,916**	**582**	**3,164**	**16,929**
Operating	615	3,854	3,104	174	113	7,859	581	3,108	16,809
Idle	0	0	17	40	0	57	1	57	120
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**27,888**	**27,888**

[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."