

**Table 28. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts,
August 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	48,715	2,841	51,556	68,568	12,529	23,674	104,771
Natural Gas Liquids	50	0	50	1,120	165	904	2,189
Pentanes Plus	0	0	0	485	111	619	1,215
Liquefied Petroleum Gases	50	0	50	635	54	285	974
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	6	0	6	35	0	0	35
Isobutane	44	0	44	600	54	285	939
Other Liquids	12,085	49	12,134	187	-1,222	1,273	238
Other Hydrocarbons/Hydrogen/Oxygenates	2,391	121	2,512	1,934	676	407	3,017
Other Hydrocarbons/Hydrogen	0	0	0	76	44	80	200
Oxygenates	W	W	2,512	1,858	632	327	2,817
Fuel Ethanol	W	W	W	W	W	W	2,817
Methanol	W	W	W	W	W	W	W
MTBE	W	W	1,395	W	W	W	W
Other Oxygenates ^a	W	W	W	W	W	W	W
Unfinished Oils (net)	1,447	-74	1,373	2,206	115	-222	2,099
Motor Gasoline Blend. Comp. (net)	8,447	2	8,449	-3,935	-2,013	1,088	-4,860
Aviation Gasoline Blend. Comp. (net)	-200	0	-200	-18	0	0	-18
Total Input to Refineries	60,850	2,890	63,740	69,875	11,472	25,851	107,198
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,543	92	1,635	2,223	404	767	3,394
Operable Capacity (daily average)	1,647	94	1,741	2,327	426	773	3,526
Operable Utilization Rate (percent) ^{b,c}	93.7	97.1	93.9	95.5	94.9	99.3	96.3
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	617	21	639	810	78	221	1,109
Catalytic Hydrocracking	43	0	43	142	0	7	149
Delayed and Fluid Coking	83	0	83	160	17	84	260
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.93	2.14	0.99	1.36	2.19	0.81	1.34
API Gravity, Weighted Average (degrees)	32.15	31.49	32.11	32.30	28.25	35.30	32.48
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, August 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	18,138	119,574	95,385	5,403	2,899	241,399	18,011	84,679	500,416
Natural Gas Liquids	936	3,303	2,003	57	276	6,575	463	2,027	11,304
Pentanes Plus	511	1,612	1,219	16	147	3,505	156	924	5,800
Liquefied Petroleum Gases	425	1,691	784	41	129	3,070	307	1,103	5,504
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	271	165	97	0	0	533	147	647	1,368
Isobutane	154	1,526	687	41	129	2,537	160	456	4,136
Other Liquids	22	6,579	3,579	-162	-386	9,632	591	5,228	27,823
Other Hydrocarbons/Hydrogen/Oxygenates	147	2,661	1,110	0	16	3,934	118	3,115	12,696
Other Hydrocarbons/Hydrogen	118	534	618	0	0	1,270	35	1,158	2,663
Oxygenates	29	2,127	492	W	W	2,664	83	1,957	10,033
Fuel Ethanol	W	W	W	W	W	W	83	1,957	5,974
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	2,063	W	W	W	2,600	W	0	3,995
Other Oxygenates ^a	W	W	W	W	W	W	W	W	64
Unfinished Oils (net)	-72	8,170	2,971	-164	262	11,167	319	2,367	17,325
Motor Gasoline Blend. Comp. (net)	-54	-4,252	-505	2	-664	-5,473	154	-254	-1,984
Aviation Gasoline Blend. Comp. (net)	1	0	3	0	0	4	0	0	-214
Total Input to Refineries	19,096	129,456	100,967	5,298	2,789	257,606	19,065	91,934	539,543
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	597	3,830	3,153	159	94	7,833	586	2,984	16,432
Operable Capacity (daily average)	615	3,854	3,121	211	113	7,912	582	3,164	16,925
Operable Utilization Rate (percent) ^{b,c}	97.1	99.4	101.0	75.7	83.1	99.0	100.6	94.3	97.1
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	188	1,513	1,089	19	32	2,841	158	820	5,567
Catalytic Hydrocracking	57	305	265	0	0	627	15	548	1,383
Delayed and Fluid Coking	6	706	454	14	0	1,179	38	524	2,085
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.88	1.80	1.52	1.71	0.58	1.60	1.32	1.26	1.42
API Gravity, Weighted Average (degrees)	37.49	29.09	29.23	29.14	39.61	29.90	32.72	27.60	30.38
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	80
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0	25,404	25,404

^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."