Table 28. 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**	**35**	**71**	**126**	**232**
Other Hydrocarbons/Hydrogen/Oxygenates	2,119	118	2,237	1,814	840	386	3,040
Other Hydrocarbons/Hydrogen	0	0	0	23	248	24	295
Oxygenates	W	W	2,237	1,791	592	362	2,745
Fuel Ethanol	W	W	W	W	W	W	2,745
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**	**66,404**	**12,353**	**21,982**	**100,739**
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,c]	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	200	1,027
Catalytic Hydrocracking	29	0	29	111	0	6	117
Delayed and Fluid Coking	80	0	80	149	53	65	268
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 28. 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**	**2,607**	**228,649**	**16,589**	**82,541**	**475,596**
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**	**4,672**	**23,406**
Other Hydrocarbons/Hydrogen/Oxygenates	106	2,336	1,254	0	44	3,740	185	3,517	12,719
Other Hydrocarbons/Hydrogen	42	409	748	0	0	1,199	43	850	2,387
Oxygenates	64	1,927	506	W	W	2,541	142	2,667	10,332
Fuel Ethanol	W	W	W	W	W	W	142	1,614	4,766
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	1,839	W	W	W	2,373	W	1,053	5,433
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	1,052	-730
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**	**2,690**	**245,072**	**17,285**	**89,386**	**513,016**
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	3,826	3,073	211	96	7,808	578	3,145	16,757
Operable Utilization Rate (percent)[b,c]	92.9	94.5	95.1	66.5	87.4	93.8	93.8	94.0	92.4
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	184	1,449	984	19	27	2,665	141	727	5,170
Catalytic Hydrocracking	55	297	232	0	0	585	17	558	1,306
Delayed and Fluid Coking	5	546	509	13	0	1,074	41	515	1,977
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**	**3,826**	**3,073**	**211**	**96**	**7,808**	**578**	**3,145**	**16,757**
Operating	603	3,826	3,073	211	96	7,808	578	3,095	16,708
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 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."