Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, 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	**551,861**	**32,720**	**584,581**	**789,387**	**147,457**	**266,705**	**1,203,549**
Natural Gas Liquids	**1,466**	**0**	**1,466**	**24,580**	**2,489**	**11,359**	**38,428**
Pentanes Plus	0	0	0	7,070	987	8,210	16,267
Liquefied Petroleum Gases	1,466	0	1,466	17,510	1,502	3,149	22,161
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	323	0	323	7,563	719	579	8,861
Isobutane	1,143	0	1,143	9,947	783	2,570	13,300
Other Liquids	**162,538**	**946**	**163,484**	**-1,504**	**-17,292**	**9,755**	**-9,041**
Other Hydrocarbons/Hydrogen/Oxygenates	29,921	1,352	31,273	22,763	7,738	4,932	35,433
Other Hydrocarbons/Hydrogen	0	0	0	1,024	637	931	2,592
Oxygenates	W	W	31,273	21,739	7,101	4,001	32,841
Fuel Ethanol	W	W	W	W	W	W	32,841
Methanol	W	W	W	W	W	W	W
MTBE	W	W	18,113	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	27,221	-403	26,818	18,150	879	-7,171	11,858
Motor Gasoline Blend. Comp. (net)	107,548	-3	107,545	-42,416	-25,909	11,994	-56,331
Aviation Gasoline Blend. Comp. (net)	-2,152	0	-2,152	-1	0	0	-1
Total Input to Refineries	**715,865**	**33,666**	**749,531**	**812,463**	**132,654**	**287,819**	**1,232,936**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,481	89	1,570	2,165	403	733	3,301
Operable Capacity (daily average)	1,642	94	1,736	2,327	426	773	3,526
Operable Utilization Rate (percent)[b]	90.2	94.6	90.4	93.0	94.6	94.9	93.6
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	610	18	628	774	126	207	1,108
Catalytic Hydrocracking	36	0	36	135	0	6	141
Delayed and Fluid Coking	81	0	81	176	56	83	315
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.86	1.48	0.90	1.39	2.21	0.86	1.37
API Gravity, Weighted Average (degrees)	31.99	32.29	32.00	31.80	27.03	35.15	31.96
Operable Capacity (daily average)	**1,642**	**94**	**1,736**	**2,327**	**426**	**773**	**3,526**
Operating	1,635	94	1,730	2,327	426	773	3,526
Idle	7	0	7	0	0	0	0
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**

See footnotes at end of table.

Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, 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	**221,109**	**1,347,758**	**1,063,720**	**55,441**	**34,286**	**2,722,314**	**203,362**	**950,055**	**5,663,861**
Natural Gas Liquids	**11,860**	**40,298**	**26,715**	**1,181**	**3,090**	**83,144**	**5,796**	**25,522**	**154,356**
Pentanes Plus	6,038	16,982	13,358	479	1,522	38,379	1,995	10,471	67,112
Liquefied Petroleum Gases	5,822	23,316	13,357	702	1,568	44,765	3,801	15,051	87,244
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	3,897	6,729	5,995	245	0	16,866	2,208	10,204	38,462
Isobutane	1,925	16,587	7,362	457	1,568	27,899	1,593	4,847	48,782
Other Liquids	**-4,830**	**78,309**	**32,308**	**-1,739**	**-4,657**	**99,391**	**1,254**	**61,750**	**316,838**
Other Hydrocarbons/Hydrogen/Oxygenates	2,020	31,549	11,385	0	392	45,346	1,998	36,624	150,674
Other Hydrocarbons/Hydrogen	1,450	6,449	6,469	0	0	14,368	414	10,665	28,039
Oxygenates	570	25,100	4,916	W	W	30,978	1,584	25,959	122,635
Fuel Ethanol	W	W	W	W	W	W	1,584	25,959	74,095
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	24,197	W	W	W	29,487	W	0	47,600
Other Oxygenates[a]	W	W	W	W	W	W	W	W	940
Unfinished Oils (net)	-143	102,281	33,783	-1,654	2,006	136,273	-1,135	13,012	186,826
Motor Gasoline Blend. Comp. (net)	-6,742	-55,521	-12,874	-85	-7,055	-82,277	391	12,114	-18,558
Aviation Gasoline Blend. Comp. (net)	35	0	14	0	0	49	0	0	-2,104
Total Input to Refineries	**228,139**	**1,466,365**	**1,122,743**	**54,883**	**32,719**	**2,904,849**	**210,412**	**1,037,327**	**6,135,055**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	608	3,699	2,954	140	93	7,494	557	2,861	15,783
Operable Capacity (daily average)	615	3,912	3,118	212	110	7,967	582	3,164	16,974
Operable Utilization Rate (percent)[b]	98.9	94.6	94.7	66.2	84.7	94.1	95.7	90.4	93.0
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	196	1,492	1,046	16	30	2,781	168	757	5,442
Catalytic Hydrocracking	60	286	227	0	0	573	14	483	1,247
Delayed and Fluid Coking	4	656	469	11	0	1,141	42	482	2,060
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.90	1.82	1.59	1.75	0.58	1.64	1.35	1.26	1.43
API Gravity, Weighted Average (degrees)	36.79	28.76	29.17	28.27	39.97	29.70	32.54	27.69	30.18
Operable Capacity (daily average)	**615**	**3,912**	**3,118**	**212**	**110**	**7,967**	**582**	**3,164**	**16,974**
Operating	615	3,912	3,109	202	110	7,947	582	3,107	16,891
Idle	0	(s)	10	10	0	20	(s)	57	83
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**340,415**	**340,415**

[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 capacity.

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."