Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, 1999

(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	**531,318**	**33,627**	**564,945**	**814,685**	**143,159**	**257,762**	**1,215,606**
Natural Gas Liquids	**1,572**	**0**	**1,572**	**16,561**	**2,515**	**13,673**	**32,749**
Pentanes Plus	0	0	0	1,466	1,430	8,077	10,973
Liquefied Petroleum Gases	1,572	0	1,572	15,095	1,085	5,596	21,776
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	745	0	745	8,041	486	2,944	11,471
Isobutane	827	0	827	7,054	599	2,652	10,305
Other Liquids	**123,374**	**-476**	**122,898**	**1,749**	**12,112**	**-4,507**	**9,354**
Other Hydrocarbons/Hydrogen/Oxygenates	27,680	6	27,686	8,851	2,949	1,207	13,007
Other Hydrocarbons/Hydrogen	0	0	0	382	0	345	727
Oxygenates	W	W	27,686	8,469	2,949	862	12,280
Fuel Ethanol	W	W	W	W	W	W	11,127
Methanol	W	W	W	W	W	W	W
MTBE	W	W	26,228	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	33,761	-382	33,379	15,594	-164	-7,866	7,564
Motor Gasoline Blend. Comp. (net)	63,169	-100	63,069	-22,687	9,327	2,152	-11,208
Aviation Gasoline Blend. Comp. (net)	-1,236	0	-1,236	-9	0	0	-9
Total Input to Refineries	**656,264**	**33,151**	**689,415**	**832,995**	**157,786**	**266,928**	**1,257,709**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,445	92	1,537	2,272	392	710	3,373
Operable Capacity (daily average)	1,591	100	1,691	2,469	421	727	3,616
Operable Utilization Rate (percent)[b]	90.8	92.5	90.9	92.0	93.0	97.7	93.3
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	626	20	646	790	123	202	1,115
Catalytic Hydrocracking	38	0	38	137	0	4	141
Delayed and Fluid Coking	81	0	81	190	52	78	320
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.95	1.18	0.96	1.23	2.15	0.75	1.24
API Gravity, Weighted Average (degrees)	33.35	33.89	33.38	33.28	29.71	35.68	33.37
Operable Capacity (daily average)	**1,591**	**100**	**1,691**	**2,469**	**421**	**727**	**3,616**
Operating	1,498	100	1,598	2,464	421	727	3,612
Idle	93	0	93	4	0	0	4
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, 1999 (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	**203,260**	**1,234,956**	**1,019,396**	**68,616**	**32,971**	**2,559,199**	**181,847**	**881,853**	**5,403,450**
Natural Gas Liquids	**11,809**	**33,484**	**17,692**	**2,270**	**3,061**	**68,316**	**5,974**	**27,145**	**135,756**
Pentanes Plus	6,433	13,931	815	1,714	1,628	24,521	2,143	11,337	48,974
Liquefied Petroleum Gases	5,376	19,553	16,877	556	1,433	43,795	3,831	15,808	86,782
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	4,964	6,766	7,786	53	73	19,642	2,089	10,909	44,856
Isobutane	412	12,787	9,091	503	1,360	24,153	1,742	4,899	41,926
Other Liquids	**-6**	**121,782**	**21,639**	**-1,202**	**-1,573**	**140,640**	**3,316**	**62,237**	**338,445**
Other Hydrocarbons/Hydrogen/Oxygenates	1,569	30,113	11,680	2	276	43,640	986	48,794	134,113
Other Hydrocarbons/Hydrogen	1,416	4,796	5,519	0	0	11,731	42	8,947	21,447
Oxygenates	153	25,317	6,161	W	W	31,909	944	39,847	112,666
Fuel Ethanol	W	W	W	W	W	W	W	W	13,735
Methanol	W	W	W	W	W	W	W	W	813
MTBE	W	23,856	W	W	W	29,667	W	37,853	94,784
Other Oxygenates[a]	W	W	W	W	W	W	W	W	3,334
Unfinished Oils (net)	1,923	112,378	4,438	-972	808	118,575	967	9,295	169,780
Motor Gasoline Blend. Comp. (net)	-3,496	-20,688	5,530	-232	-2,657	-21,543	1,363	4,128	35,809
Aviation Gasoline Blend. Comp. (net)	-2	-21	-9	0	0	-32	0	20	-1,257
Total Input to Refineries	**215,063**	**1,390,222**	**1,058,727**	**69,684**	**34,459**	**2,768,155**	**191,137**	**971,235**	**5,877,651**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	560	3,364	2,831	179	90	7,025	505	2,640	15,080
Operable Capacity (daily average)	574	3,610	2,934	202	95	7,414	528	3,032	16,282
Operable Utilization Rate (percent)[b]	97.5	93.2	96.5	88.9	95.6	94.7	95.7	87.1	92.6
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	180	1,376	937	28	27	2,547	145	685	5,137
Catalytic Hydrocracking	39	247	214	0	0	500	5	413	1,097
Delayed and Fluid Coking	5	410	433	9	0	857	39	461	1,758
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.80	1.53	1.56	1.74	0.51	1.48	1.37	1.24	1.33
API Gravity, Weighted Average (degrees)	38.15	31.00	30.17	30.72	39.02	31.33	34.10	26.67	31.31
Operable Capacity (daily average)	**574**	**3,610**	**2,934**	**202**	**95**	**7,414**	**528**	**3,032**	**16,282**
Operating	572	3,583	2,923	198	95	7,370	528	2,997	16,105
Idle	2	27	11	4	0	44	0	36	177
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**101**	**101**	**0**	**390,719**	**390,820**

[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."