Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, 1998

(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	**540,175**	**32,599**	**572,774**	**826,128**	**154,621**	**249,772**	**1,230,521**
Natural Gas Liquids	**1,512**	**0**	**1,512**	**18,007**	**2,235**	**13,877**	**34,119**
Pentanes Plus	0	0	0	2,156	1,311	8,041	11,508
Liquefied Petroleum Gases	1,512	0	1,512	15,851	924	5,836	22,611
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	684	0	684	8,808	561	2,787	12,156
Isobutane	828	0	828	7,043	363	3,049	10,455
Other Liquids	**109,930**	**42**	**109,972**	**26,756**	**5,354**	**-6,715**	**25,395**
Other Hydrocarbons/Hydrogen/Oxygenates	27,095	5	27,100	9,038	2,985	985	13,008
Other Hydrocarbons/Hydrogen	0	0	0	406	0	360	766
Oxygenates	W	W	27,100	8,632	2,985	625	12,242
Fuel Ethanol	W	W	W	W	W	W	10,278
Methanol	W	W	W	W	W	W	W
MTBE	W	W	26,061	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	37,353	66	37,419	20,185	123	-8,102	12,206
Motor Gasoline Blend. Comp. (net)	46,339	-29	46,310	-2,481	2,246	402	167
Aviation Gasoline Blend. Comp. (net)	-857	0	-857	14	0	0	14
Total Input to Refineries	**651,617**	**32,641**	**684,258**	**870,891**	**162,210**	**256,934**	**1,290,035**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,455	89	1,545	2,310	423	688	3,421
Operable Capacity (daily average)	1,549	98	1,646	2,404	414	701	3,519
Operable Utilization Rate (percent)[b]	94.0	91.6	93.8	96.1	102.3	98.1	97.2
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	623	18	641	777	133	198	1,108
Catalytic Hydrocracking	53	0	53	135	0	4	139
Delayed and Fluid Coking	78	0	78	184	60	76	320
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.92	1.05	0.93	1.19	2.19	0.79	1.23
API Gravity, Weighted Average (degrees)	33.35	34.59	33.42	33.05	28.75	35.19	32.94
Operable Capacity (daily average)	**1,549**	**98**	**1,646**	**2,404**	**414**	**701**	**3,519**
Operating	1,458	98	1,556	2,397	414	701	3,513
Idle	90	0	90	6	0	0	6
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**1,510**	**0**	**0**	**1,510**

See footnotes at end of table.

Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, 1998 (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	**212,513**	**1,274,024**	**952,047**	**67,247**	**33,458**	**2,539,289**	**175,096**	**916,703**	**5,434,383**
Natural Gas Liquids	**12,846**	**34,527**	**22,951**	**2,388**	**2,750**	**75,462**	**5,433**	**30,395**	**146,921**
Pentanes Plus	6,677	14,205	3,532	1,859	1,365	27,638	2,234	13,247	54,627
Liquefied Petroleum Gases	6,169	20,322	19,419	529	1,385	47,824	3,199	17,148	92,294
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	5,315	6,680	10,108	158	0	22,261	2,123	11,565	48,789
Isobutane	854	13,642	9,311	371	1,385	25,563	1,076	5,583	43,505
Other Liquids	**-572**	**71,476**	**51,565**	**-927**	**-915**	**120,627**	**3,498**	**51,765**	**311,257**
Other Hydrocarbons/Hydrogen/Oxygenates	1,478	26,146	10,421	7	293	38,345	999	48,429	127,881
Other Hydrocarbons/Hydrogen	1,367	4,808	5,679	0	0	11,854	56	10,083	22,759
Oxygenates	111	21,338	4,742	W	W	26,491	943	38,346	105,122
Fuel Ethanol	W	W	W	W	W	W	W	W	11,722
Methanol	W	W	W	W	W	W	W	W	675
MTBE	W	20,231	W	W	W	24,571	W	36,730	89,362
Other Oxygenates[a]	W	W	W	W	W	W	W	W	3,363
Unfinished Oils (net)	1,404	68,975	38,354	-742	701	108,692	528	3,091	161,936
Motor Gasoline Blend. Comp. (net)	-3,437	-23,645	2,791	-192	-1,909	-26,392	1,971	257	22,313
Aviation Gasoline Blend. Comp. (net)	-17	0	-1	0	0	-18	0	-12	-873
Total Input to Refineries	**224,787**	**1,380,027**	**1,026,563**	**68,708**	**35,293**	**2,735,378**	**184,027**	**998,863**	**5,892,561**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	582	3,466	2,638	176	92	6,953	486	2,708	15,113
Operable Capacity (daily average)	593	3,484	2,820	201	95	7,192	524	2,921	15,802
Operable Utilization Rate (percent)[b]	98.1	99.5	93.5	87.8	96.9	96.7	92.7	92.7	95.6
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	187	1,348	915	28	29	2,507	147	719	5,123
Catalytic Hydrocracking	43	251	218	0	0	512	4	426	1,134
Delayed and Fluid Coking	5	426	378	8	0	817	41	497	1,752
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.79	1.58	1.44	1.69	0.52	1.45	1.35	1.22	1.31
API Gravity, Weighted Average (degrees)	38.09	30.62	30.95	30.89	39.17	31.49	33.18	25.22	30.98
Operable Capacity (daily average)	**593**	**3,484**	**2,820**	**201**	**95**	**7,192**	**524**	**2,921**	**15,802**
Operating	593	3,453	2,767	201	95	7,109	524	2,894	15,596
Idle	(s)	30	52	0	0	83	0	27	207
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**4**	**4**	**0**	**432,292**	**433,806**

[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."