Table 28. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 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	**45,107**	**2,656**	**47,763**	**69,960**	**12,981**	**19,967**	**102,908**
Natural Gas Liquids	**169**	**0**	**169**	**2,466**	**253**	**1,350**	**4,069**
Pentanes Plus	0	0	0	139	95	759	993
Liquefied Petroleum Gases	169	0	169	2,327	158	591	3,076
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	126	0	126	1,798	120	323	2,241
Isobutane	43	0	43	529	38	268	835
Other Liquids	**8,098**	**192**	**8,290**	**3,435**	**825**	**-88**	**4,172**
Other Hydrocarbons/Hydrogen/Oxygenates	2,347	0	2,347	886	211	63	1,160
Other Hydrocarbons/Hydrogen	0	0	0	40	0	35	75
Oxygenates	W	W	2,347	846	211	28	1,085
Fuel Ethanol	W	W	W	W	W	W	1,007
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,297	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	3,844	182	4,026	2,733	86	-330	2,489
Motor Gasoline Blend. Comp. (net)	2,061	10	2,071	-204	528	179	503
Aviation Gasoline Blend. Comp. (net)	-154	0	-154	20	0	0	20
Total Input to Refineries	**53,374**	**2,848**	**56,222**	**75,861**	**14,059**	**21,229**	**111,149**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,468	86	1,553	2,280	419	652	3,351
Operable Capacity (daily average)	1,557	98	1,655	2,436	414	701	3,551
Operable Utilization Rate (percent)[b,c]	94.2	87.7	93.9	93.6	101.2	92.9	94.4
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	630	19	648	813	131	190	1,134
Catalytic Hydrocracking	40	0	40	135	0	5	140
Delayed and Fluid Coking	55	0	55	187	62	71	321
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.73	1.27	0.76	1.19	2.28	0.78	1.25
API Gravity, Weighted Average (degrees)	34.51	32.97	34.43	33.05	29.06	35.43	33.01
Operable Capacity (daily average)	**1,557**	**98**	**1,655**	**2,436**	**414**	**701**	**3,551**
Operating	1,477	98	1,575	2,436	414	701	3,551
Idle	80	0	80	0	0	0	0
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**236**	**0**	**0**	**236**

See footnotes at end of table.

Table 28. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 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	**17,685**	**108,254**	**85,283**	**5,638**	**2,803**	**219,663**	**14,566**	**74,891**	**459,791**
Natural Gas Liquids	**1,051**	**2,915**	**2,210**	**185**	**252**	**6,613**	**643**	**3,098**	**14,592**
Pentanes Plus	475	1,310	270	160	136	2,351	189	1,226	4,759
Liquefied Petroleum Gases	576	1,605	1,940	25	116	4,262	454	1,872	9,833
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	535	807	1,192	0	0	2,534	318	1,394	6,613
Isobutane	41	798	748	25	116	1,728	136	478	3,220
Other Liquids	**-81**	**6,000**	**3,261**	**51**	**-1,092**	**8,139**	**731**	**4,605**	**25,937**
Other Hydrocarbons/Hydrogen/Oxygenates	139	2,123	850	0	22	3,134	187	3,825	10,653
Other Hydrocarbons/Hydrogen	130	432	448	0	0	1,010	5	810	1,900
Oxygenates	9	1,691	402	W	W	2,124	182	3,015	8,753
Fuel Ethanol	W	W	W	W	W	W	W	W	1,269
Methanol	W	W	W	W	W	W	W	W	65
MTBE	W	1,632	W	W	W	1,985	W	2,788	7,160
Other Oxygenates[a]	W	W	W	W	W	W	W	W	259
Unfinished Oils (net)	137	5,799	2,028	33	44	8,041	243	491	15,290
Motor Gasoline Blend. Comp. (net)	-355	-1,922	373	18	-1,158	-3,044	301	292	123
Aviation Gasoline Blend. Comp. (net)	-2	0	10	0	0	8	0	-3	-129
Total Input to Refineries	**18,655**	**117,169**	**90,754**	**5,874**	**1,963**	**234,415**	**15,940**	**82,594**	**500,320**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	572	3,479	2,794	172	90	7,107	475	2,681	15,168
Operable Capacity (daily average)	563	3,515	2,854	201	95	7,226	524	2,995	15,951
Operable Utilization Rate (percent)[b,c]	101.6	99.0	97.9	85.8	95.6	98.4	90.6	89.5	95.1
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	183	1,393	958	25	28	2,587	145	688	5,203
Catalytic Hydrocracking	44	261	187	0	0	492	4	428	1,103
Delayed and Fluid Coking	5	417	423	10	0	854	39	471	1,740
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.84	1.61	1.38	1.76	0.52	1.45	1.38	1.20	1.29
API Gravity, Weighted Average (degrees)	38.44	30.58	31.71	30.30	39.28	31.75	33.33	25.73	31.35
Operable Capacity (daily average)	**563**	**3,515**	**2,854**	**201**	**95**	**7,226**	**524**	**2,995**	**15,951**
Operating	563	3,488	2,854	201	95	7,199	524	2,948	15,797
Idle	0	27	0	0	0	27	0	47	154
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**38,665**	**38,901**

[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."