Table 28. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 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	**42,128**	**2,514**	**44,642**	**65,062**	**12,661**	**20,445**	**98,168**
Natural Gas Liquids	**173**	**0**	**173**	**2,044**	**311**	**1,238**	**3,593**
Pentanes Plus	0	0	0	220	133	739	1,092
Liquefied Petroleum Gases	173	0	173	1,824	178	499	2,501
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	53	0	53	1,427	134	395	1,956
Isobutane	120	0	120	397	44	104	545
Other Liquids	**8,462**	**-63**	**8,399**	**-824**	**967**	**-135**	**8**
Other Hydrocarbons/Hydrogen/Oxygenates	2,138	1	2,139	750	256	124	1,130
Other Hydrocarbons/Hydrogen	0	0	0	31	0	30	61
Oxygenates	W	W	2,139	719	256	94	1,069
Fuel Ethanol	W	W	W	W	W	W	953
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,024	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	2,710	-51	2,659	989	135	-536	588
Motor Gasoline Blend. Comp. (net)	3,792	-13	3,779	-2,562	576	277	-1,709
Aviation Gasoline Blend. Comp. (net)	-178	0	-178	-1	0	0	-1
Total Input to Refineries	**50,763**	**2,451**	**53,214**	**66,282**	**13,939**	**21,548**	**101,769**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,395	84	1,479	2,206	426	686	3,318
Operable Capacity (daily average)	1,591	100	1,691	2,473	421	736	3,629
Operable Utilization Rate (percent)[b,c]	87.7	84.1	87.5	89.2	101.2	93.2	91.4
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	613	27	640	699	138	189	1,026
Catalytic Hydrocracking	57	0	57	152	0	4	157
Delayed and Fluid Coking	82	0	82	190	69	77	337
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.73	1.24	0.76	1.31	2.20	0.77	1.31
API Gravity, Weighted Average (degrees)	34.62	34.22	34.59	33.26	28.92	35.51	33.17
Operable Capacity (daily average)	**1,591**	**100**	**1,691**	**2,473**	**421**	**736**	**3,629**
Operating	1,497	100	1,597	2,422	421	736	3,578
Idle	94	0	94	51	0	0	51
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**90**	**0**	**0**	**90**

See footnotes at end of table.

Table 28. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 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	**17,085**	**102,387**	**81,204**	**5,768**	**2,742**	**209,186**	**14,839**	**74,284**	**441,119**
Natural Gas Liquids	**1,087**	**2,738**	**1,895**	**168**	**270**	**6,158**	**728**	**2,323**	**12,975**
Pentanes Plus	542	921	24	0	153	1,640	246	816	3,794
Liquefied Petroleum Gases	545	1,817	1,871	168	117	4,518	482	1,507	9,181
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	503	976	1,113	28	0	2,620	356	1,129	6,114
Isobutane	42	841	758	140	117	1,898	126	378	3,067
Other Liquids	**92**	**11,564**	**-1,877**	**-262**	**-329**	**9,188**	**473**	**4,133**	**22,201**
Other Hydrocarbons/Hydrogen/Oxygenates	174	2,459	952	0	21	3,606	139	4,052	11,066
Other Hydrocarbons/Hydrogen	114	380	513	0	0	1,007	4	872	1,944
Oxygenates	60	2,079	439	W	W	2,599	135	3,180	9,122
Fuel Ethanol	W	W	W	W	W	W	W	W	1,462
Methanol	W	W	W	W	W	W	W	W	62
MTBE	W	1,975	W	W	W	2,415	W	2,808	7,336
Other Oxygenates[a]	W	W	W	W	W	W	W	W	262
Unfinished Oils (net)	333	10,302	-3,436	-243	98	7,054	299	1,136	11,736
Motor Gasoline Blend. Comp. (net)	-420	-1,197	611	-19	-448	-1,473	35	-1,055	-423
Aviation Gasoline Blend. Comp. (net)	5	0	-4	0	0	1	0	0	-178
Total Input to Refineries	**18,264**	**116,689**	**81,222**	**5,674**	**2,683**	**224,532**	**16,040**	**80,740**	**476,295**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	572	3,395	2,755	182	91	6,994	502	2,732	15,026
Operable Capacity (daily average)	575	3,610	2,937	202	95	7,418	528	3,061	16,327
Operable Utilization Rate (percent)[b,c]	99.3	94.0	93.8	90.2	96.6	94.3	95.1	89.3	92.0
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	172	1,365	865	29	29	2,461	150	739	5,015
Catalytic Hydrocracking	30	211	198	0	0	440	4	439	1,096
Delayed and Fluid Coking	6	440	430	11	0	886	41	482	1,827
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.77	1.58	1.54	1.76	0.50	1.49	1.33	1.27	1.33
API Gravity, Weighted Average (degrees)	37.96	30.57	30.34	30.52	38.94	31.19	34.65	27.01	31.37
Operable Capacity (daily average)	**575**	**3,610**	**2,937**	**202**	**95**	**7,418**	**528**	**3,061**	**16,327**
Operating	573	3,583	2,937	195	95	7,383	528	3,038	16,124
Idle	2	27	0	7	0	36	0	23	204
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**34,299**	**34,389**

[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."