Table 28. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2002

(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	**44,837**	**2,641**	**47,478**	**60,938**	**12,438**	**21,384**	**94,760**
Natural Gas Liquids	**53**	**0**	**53**	**3,401**	**165**	**1,348**	**4,914**
Pentanes Plus	0	0	0	693	17	573	1,283
Liquefied Petroleum Gases	53	0	53	2,708	148	775	3,631
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	49	0	49	1,971	91	595	2,657
Isobutane	4	0	4	737	57	180	974
Other Liquids	**11,544**	**213**	**11,757**	**2,312**	**1,096**	**663**	**4,071**
Other Hydrocarbons/Hydrogen/Oxygenates	2,193	115	2,308	1,217	553	356	2,126
Other Hydrocarbons/Hydrogen	0	0	0	0	13	34	47
Oxygenates	W	W	2,308	1,217	540	322	2,079
Fuel Ethanol	W	W	W	W	W	W	2,048
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,089	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	3,906	104	4,010	2,280	62	-180	2,162
Motor Gasoline Blend. Comp. (net)	5,600	-6	5,594	-1,196	481	487	-228
Aviation Gasoline Blend. Comp. (net)	-155	0	-155	11	0	0	11
Total Input to Refineries	**56,434**	**2,854**	**59,288**	**66,651**	**13,699**	**23,395**	**103,745**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,440	84	1,524	1,977	401	694	3,072
Operable Capacity (daily average)	1,621	94	1,715	2,382	426	782	3,591
Operable Utilization Rate (percent)[b,c]	88.8	90.0	88.9	83.0	94.1	88.7	85.6
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	605	17	622	748	135	199	1,082
Catalytic Hydrocracking	42	0	42	131	0	5	136
Delayed and Fluid Coking	83	0	83	158	62	79	300
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.66	1.48	0.70	1.27	2.30	0.84	1.31
API Gravity, Weighted Average (degrees)	32.61	32.12	32.58	32.86	27.84	35.15	32.72
Operable Capacity (daily average)	**1,621**	**94**	**1,715**	**2,382**	**426**	**782**	**3,591**
Operating	1,511	94	1,605	2,156	426	782	3,364
Idle	110	0	110	227	0	0	227
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**

See footnotes at end of table.

Table 28. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2002 (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	**16,960**	**108,400**	**93,053**	**4,700**	**2,669**	**225,782**	**15,726**	**78,127**	**461,873**
Natural Gas Liquids	**1,127**	**3,864**	**2,961**	**264**	**270**	**8,486**	**589**	**2,550**	**16,592**
Pentanes Plus	604	1,364	1,190	166	133	3,457	222	952	5,914
Liquefied Petroleum Gases	523	2,500	1,771	98	137	5,029	367	1,598	10,678
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	498	1,204	1,073	65	0	2,840	280	1,173	6,999
Isobutane	25	1,296	698	33	137	2,189	87	425	3,679
Other Liquids	**309**	**12,322**	**3,193**	**-77**	**-363**	**15,384**	**772**	**6,749**	**38,733**
Other Hydrocarbons/Hydrogen/Oxygenates	158	2,212	1,272	0	50	3,692	211	4,566	12,903
Other Hydrocarbons/Hydrogen	100	274	640	0	0	1,014	32	947	2,040
Oxygenates	58	1,938	632	W	W	2,678	179	3,619	10,863
Fuel Ethanol	W	W	W	W	W	W	W	W	3,435
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	1,854	W	W	W	2,481	W	2,689	7,290
Other Oxygenates[a]	W	W	W	W	W	W	W	W	138
Unfinished Oils (net)	369	13,482	3,512	-72	110	17,401	379	2,717	26,669
Motor Gasoline Blend. Comp. (net)	-222	-3,372	-1,600	-5	-523	-5,722	182	-534	-708
Aviation Gasoline Blend. Comp. (net)	4	0	9	0	0	13	0	0	-131
Total Input to Refineries	**18,396**	**124,586**	**99,207**	**4,887**	**2,576**	**249,652**	**17,087**	**87,426**	**517,198**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	552	3,511	3,031	142	87	7,323	515	2,782	15,217
Operable Capacity (daily average)	589	3,831	3,060	206	96	7,781	576	3,131	16,794
Operable Utilization Rate (percent)[b,c]	93.8	91.7	99.1	69.1	90.6	94.1	89.4	88.8	90.6
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	195	1,407	1,063	20	27	2,711	139	730	5,284
Catalytic Hydrocracking	44	285	250	0	0	578	6	466	1,228
Delayed and Fluid Coking	4	601	522	10	0	1,137	44	525	2,089
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.86	1.90	1.76	2.04	0.53	1.75	1.49	1.29	1.47
API Gravity, Weighted Average (degrees)	37.50	29.13	29.67	27.53	40.14	30.07	32.88	27.49	30.50
Operable Capacity (daily average)	**589**	**3,831**	**3,060**	**206**	**96**	**7,781**	**576**	**3,131**	**16,794**
Operating	589	3,831	3,030	156	96	7,701	576	3,094	16,340
Idle	0	0	30	50	0	80	0	37	454
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**32,365**	**32,365**

[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."