

Table 16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, 2003

(Thousand Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II			Total
	East Coast	Appalachian No. 1	Total	Ind., Ill., Ky.	Minn., Wis., N. Dak., S. Dak.	Okla., Kans., Mo.	
Crude Oil	553,518	32,248	585,766	769,004	144,339	259,068	1,172,411
Natural Gas Liquids	1,217	0	1,217	22,618	2,251	12,464	37,333
Pentanes Plus	0	0	0	7,482	1,125	8,672	17,279
Liquefied Petroleum Gases	1,217	0	1,217	15,136	1,126	3,792	20,054
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	286	0	286	8,236	466	1,302	10,004
Isobutane	931	0	931	6,900	660	2,490	10,050
Other Liquids	124,107	1,137	125,244	15,681	344	1,497	17,522
Other Hydrocarbons/Hydrogen/Oxygenates	27,606	1,359	28,965	21,757	8,241	4,216	34,214
Other Hydrocarbons/Hydrogen	12	0	12	361	1,817	313	2,491
Oxygenates	W	W	28,953	21,396	6,424	3,903	31,723
Fuel Ethanol	W	W	W	W	W	W	31,715
Methanol	W	W	W	W	W	W	W
MTBE	W	W	25,457	W	W	W	W
Other Oxygenates ^a	W	W	W	W	W	W	W
Unfinished Oils (net)	20,107	-179	19,928	14,554	-252	-8,592	5,710
Motor Gasoline Blend. Comp. (net)	77,844	-43	77,801	-20,601	-7,645	5,873	-22,373
Aviation Gasoline Blend. Comp. (net)	-1,450	0	-1,450	-29	0	0	-29
Total Input to Refineries	678,842	33,385	712,227	807,303	146,934	273,029	1,227,266
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,496	88	1,584	2,114	395	714	3,224
Operable Capacity (daily average)	1,614	94	1,709	2,324	426	768	3,518
Operable Utilization Rate (percent) ^b	92.7	93.5	92.7	91.0	92.8	93.0	91.6
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	618	18	636	740	124	200	1,065
Catalytic Hydrocracking	34	0	34	136	0	5	141
Delayed and Fluid Coking	70	0	70	176	57	79	312
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.83	1.47	0.86	1.34	2.32	0.86	1.35
API Gravity, Weighted Average (degrees)	32.39	32.24	32.38	32.54	27.10	35.41	32.50
Operable Capacity (daily average)	1,614	94	1,709	2,324	426	768	3,518
Operating	1,587	94	1,681	2,324	426	768	3,518
Idle	27	0	27	0	0	0	0
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, 2003 (Continued)
(Thousand Barrels, Except Where Noted)

Commodity	PAD District III						PAD Dist.	PAD Dist.	U.S. Total
	Texas Inland	Texas Gulf Coast	La. Gulf Coast	N. La., Ark.	New Mexico	Total	IV	V	
							Rocky Mt.	West Coast	
Crude Oil	208,923	1,332,868	1,048,343	56,761	29,403	2,676,298	192,622	958,778	5,585,875
Natural Gas Liquids	13,479	41,417	23,508	2,485	2,974	83,863	5,434	24,916	152,763
Pentanes Plus	7,168	19,088	10,891	1,821	1,635	40,603	1,728	9,899	69,509
Liquefied Petroleum Gases	6,311	22,329	12,617	664	1,339	43,260	3,706	15,017	83,254
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	5,416	7,021	4,944	301	1	17,683	2,178	10,470	40,621
Isobutane	895	15,308	7,673	363	1,338	25,577	1,528	4,547	42,633
Other Liquids	-1,184	67,171	18,821	-1,794	-1,911	81,103	7,035	57,710	288,614
Other Hydrocarbons/Hydrogen/Oxygenates	1,963	27,979	14,071	0	368	44,381	2,070	39,712	149,342
Other Hydrocarbons/Hydrogen	1,317	4,067	6,726	0	0	12,110	321	9,253	24,187
Oxygenates	646	23,912	7,345	W	W	32,271	1,749	30,459	125,155
Fuel Ethanol	W	W	W	W	W	W	W	W	55,626
Methanol	W	W	W	W	W	W	W	W	0
MTBE	W	22,875	W	W	W	30,437	W	11,690	67,592
Other Oxygenates ^a	W	W	W	W	W	W	W	W	1,937
Unfinished Oils (net)	398	82,067	21,326	-1,699	1,030	103,122	1,067	914	130,741
Motor Gasoline Blend. Comp. (net)	-3,543	-42,875	-16,568	-95	-3,309	-66,390	3,898	17,084	10,020
Aviation Gasoline Blend. Comp. (net)	-2	0	-8	0	0	-10	0	0	-1,489
Total Input to Refineries	221,218	1,441,456	1,090,672	57,452	30,466	2,841,264	205,091	1,041,404	6,027,252
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	575	3,599	2,900	142	81	7,297	531	2,872	15,508
Operable Capacity (daily average)	603	3,816	3,073	211	96	7,798	578	3,145	16,748
Operable Utilization Rate (percent) ^b	95.4	94.3	94.4	67.2	84.9	93.6	91.9	91.3	92.6
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	190	1,428	1,012	18	25	2,673	141	725	5,241
Catalytic Hydrocracking	53	287	223	0	0	563	15	504	1,257
Delayed and Fluid Coking	5	602	467	13	0	1,086	41	516	2,026
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.86	1.78	1.66	1.82	0.96	1.65	1.45	1.23	1.43
API Gravity, Weighted Average (degrees)	37.30	29.55	29.73	28.42	39.21	30.31	32.80	27.65	30.61
Operable Capacity (daily average)	603	3,816	3,073	211	96	7,798	578	3,145	16,748
Operating	603	3,808	3,073	205	96	7,784	578	3,106	16,667
Idle	0	9	0	5	0	14	0	39	80
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0	354,392	354,392

^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."