Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2017
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	**29,461**	**2,385**	**31,846**	**74,126**	**13,123**	**26,774**	**114,023**
Natural Gas Plant Liquids	**404**	**–**	**404**	**1,238**	**6**	**783**	**2,027**
Pentanes Plus	–	–	–	354	–	349	703
Liquefied Petroleum Gases	404	–	404	884	6	434	1,324
Normal Butane	9	–	9	43	–	5	48
Isobutane	395	–	395	841	6	429	1,276
Other Liquids	**-11,879**	**19**	**-11,860**	**-32,267**	**-3,776**	**-11,725**	**-47,768**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	162	125	287	980	488	287	1,755
Hydrogen	95	–	95	717	286	179	1,182
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	67	125	192	255	202	108	565
Fuel Ethanol	67	101	168	154	167	103	424
Renewable Diesel Fuel	–	24	24	101	35	5	141
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	8	–	–	8
Unfinished Oils (net)	2,256	-177	2,079	-172	84	80	-8
Naphthas and Lighter	837	-117	720	179	-133	206	252
Kerosene and Light Gas Oils	564	–	564	-267	127	163	23
Heavy Gas Oils	480	-48	432	126	90	-44	172
Residuum	375	-12	363	-210	–	-245	-455
Motor Gasoline Blend.Comp. (MGBC)(net)	-14,297	71	-14,226	-33,075	-4,348	-12,092	-49,515
Reformulated - RBOB	-8,700	–	-8,700	-8,234	-187	-48	-8,469
Conventional	-5,597	71	-5,526	-24,841	-4,161	-12,044	-41,046
CBOB	-5,123	79	-5,044	-25,035	-4,356	-11,838	-41,229
GTAB	–	–	–	–	–	–	–
Other	-474	-8	-482	194	195	-206	183
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**17,986**	**2,404**	**20,390**	**43,097**	**9,353**	**15,832**	**68,282**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	983	80	1,063	2,470	439	894	3,803
Operable Capacity (daily average)	1,157	98	1,256	2,607	520	872	3,999
Operable Utilization Rate (percent)[2]	84.9	81.7	84.7	94.8	84.5	102.5	95.1
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	176	12	189	461	50	169	680
Catalytic Cracking	355	16	371	743	113	220	1,076
Catalytic Hydrocracking	32	–	32	210	53	62	324
Delayed and Fluid Coking	54	–	54	321	66	83	469
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.80	1.83	0.88	1.62	2.39	0.89	1.54
API Gravity, Weighted Average (degrees)	35.59	31.59	35.26	32.27	25.98	37.14	32.63
Operable Capacity (daily average)	**1,157**	**98**	**1,256**	**2,607**	**520**	**872**	**3,999**
Operating	1,115	98	1,214	2,585	520	872	3,977
Idle	42	–	42	22	–	–	22
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**

See footnotes at end of table.

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2017
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	**20,847**	**137,842**	**100,518**	**5,798**	**3,219**	**268,224**	**19,440**	**75,567**	**509,100**
Natural Gas Plant Liquids	**417**	**3,406**	**3,337**	**29**	**128**	**7,317**	**490**	**2,575**	**12,813**
Pentanes Plus	128	1,150	1,523	3	1	2,805	143	941	4,592
Liquefied Petroleum Gases	289	2,256	1,814	26	127	4,512	347	1,634	8,221
Normal Butane	85	758	306	–	9	1,158	112	698	2,025
Isobutane	204	1,498	1,508	26	118	3,354	235	936	6,196
Other Liquids	**-7,307**	**-51,469**	**-35,010**	**-1,327**	**-1,111**	**-96,224**	**-4,785**	**-34,494**	**-195,131**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	277	2,364	1,749	134	95	4,619	518	1,496	8,675
Hydrogen	17	2,306	1,483	79	41	3,926	210	1,202	6,615
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	260	58	266	55	54	693	308	294	2,052
Fuel Ethanol	211	48	168	27	54	508	270	92	1,462
Renewable Diesel Fuel	49	10	98	28	–	185	38	197	585
Other Renewable Fuels	–	–	–	–	–	–	–	5	5
Other Hydrocarbons	–	–	–	–	–	–	–	–	8
Unfinished Oils (net)	213	-4,743	6,905	26	-52	2,349	-302	797	4,915
Naphthas and Lighter	59	-4,310	404	64	7	-3,776	-148	-619	-3,571
Kerosene and Light Gas Oils	128	-1,657	-1,558	-69	25	-3,131	-155	-570	-3,269
Heavy Gas Oils	100	1,072	7,430	64	-84	8,582	-20	2,027	11,193
Residuum	-74	152	629	-33	–	674	21	-41	562
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,807	-49,090	-43,671	-1,487	-1,154	-103,209	-5,001	-36,787	-208,738
Reformulated - RBOB	-1,287	-12,699	-6,991	–	-564	-21,541	–	-27,934	-66,644
Conventional	-6,520	-36,391	-36,680	-1,487	-590	-81,668	-5,001	-8,853	-142,094
CBOB	-6,352	-32,325	-33,971	-1,427	-578	-74,653	-4,998	-9,254	-135,178
GTAB	–	–	–	–	–	–	–	–	–
Other	-168	-4,066	-2,709	-60	-12	-7,015	-3	401	-6,916
Aviation Gasoline Blend. Comp. (net)	10	–	7	–	–	17	–	–	17
Total Input to Refineries	**13,957**	**89,779**	**68,845**	**4,500**	**2,236**	**179,317**	**15,145**	**43,648**	**326,782**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	689	4,634	3,472	176	107	9,078	643	2,678	17,265
Operable Capacity (daily average)	731	4,944	3,696	246	124	9,742	692	2,933	18,621
Operable Utilization Rate (percent)[2]	94.2	93.7	93.9	71.3	86.9	93.2	92.9	91.3	92.7
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	155	621	595	32	23	1,426	96	411	2,802
Catalytic Cracking	178	1,224	1,110	17	27	2,556	172	761	4,936
Catalytic Hydrocracking	49	499	408	16	–	973	28	431	1,789
Delayed and Fluid Coking	26	819	501	29	–	1,376	74	479	2,452
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.56	1.76	1.36	1.21	0.67	1.49	1.45	1.38	1.45
API Gravity, Weighted Average (degrees)	39.91	30.87	30.90	33.23	40.20	31.76	33.81	28.71	31.76
Operable Capacity (daily average)	**731**	**4,944**	**3,696**	**246**	**124**	**9,742**	**692**	**2,933**	**18,621**
Operating	731	4,902	3,696	246	124	9,699	682	2,848	18,420
Idle	–	43	–	–	–	43	10	85	201
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**14,315**	**14,315**

– = No Data Reported.
NA = Not Available.
[1] 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).
[2] Represents gross input divided by operable calendar day capacity.
Note: Totals may not equal sum of components due to independent rounding.
Note: Refer to Appendix A for Refining District descriptions.
Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."