Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, May 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	**31,491**	**2,960**	**34,451**	**76,522**	**14,087**	**27,774**	**118,383**
Natural Gas Plant Liquids	**382**	**–**	**382**	**1,479**	**8**	**842**	**2,329**
Pentanes Plus	–	–	–	302	–	414	716
Liquefied Petroleum Gases	382	–	382	1,177	8	428	1,613
Normal Butane	3	–	3	75	1	2	78
Isobutane	379	–	379	1,102	7	426	1,535
Other Liquids	**-13,308**	**11**	**-13,297**	**-33,680**	**-4,329**	**-11,144**	**-49,153**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	178	117	295	1,023	508	296	1,827
Hydrogen	109	2	111	696	298	191	1,185
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	69	115	184	276	210	105	591
Fuel Ethanol	69	92	161	173	171	99	443
Renewable Diesel Fuel	–	23	23	103	39	6	148
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	51	–	–	51
Unfinished Oils (net)	2,412	-91	2,321	54	-260	179	-27
Naphthas and Lighter	916	-61	855	485	-155	-29	301
Kerosene and Light Gas Oils	-175	–	-175	-362	-33	187	-208
Heavy Gas Oils	1,505	-39	1,466	63	-72	-62	-71
Residuum	166	9	175	-132	–	83	-49
Motor Gasoline Blend.Comp. (MGBC)(net)	-15,898	-15	-15,913	-34,757	-4,577	-11,619	-50,953
Reformulated - RBOB	-9,748	–	-9,748	-8,831	-76	-49	-8,956
Conventional	-6,150	-15	-6,165	-25,926	-4,501	-11,570	-41,997
CBOB	-6,561	14	-6,547	-26,407	-4,897	-11,727	-43,031
GTAB	–	–	–	–	–	–	–
Other	411	-29	382	481	396	157	1,034
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**18,565**	**2,971**	**21,536**	**44,321**	**9,766**	**17,472**	**71,559**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,016	96	1,112	2,467	447	897	3,810
Operable Capacity (daily average)	1,083	98	1,182	2,607	520	872	3,999
Operable Utilization Rate (percent)[2]	93.8	97.6	94.1	94.6	86.0	102.8	95.3
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	178	17	195	473	47	172	692
Catalytic Cracking	400	16	416	787	120	221	1,128
Catalytic Hydrocracking	33	–	33	178	60	63	301
Delayed and Fluid Coking	49	–	49	329	62	92	483
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.76	1.63	0.83	1.56	2.26	0.79	1.46
API Gravity, Weighted Average (degrees)	35.39	33.03	35.19	32.59	25.93	37.43	32.88
Operable Capacity (daily average)	**1,083**	**98**	**1,182**	**2,607**	**520**	**872**	**3,999**
Operating	1,083	98	1,182	2,585	520	872	3,977
Idle	–	–	–	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, May 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	**22,151**	**146,509**	**107,857**	**7,151**	**4,225**	**287,893**	**19,114**	**73,734**	**533,575**
Natural Gas Plant Liquids	**457**	**3,823**	**3,808**	**38**	**194**	**8,320**	**483**	**2,614**	**14,128**
Pentanes Plus	119	1,338	1,958	2	1	3,418	163	931	5,228
Liquefied Petroleum Gases	338	2,485	1,850	36	193	4,902	320	1,683	8,900
Normal Butane	111	795	87	–	–	993	77	716	1,867
Isobutane	227	1,690	1,763	36	193	3,909	243	967	7,033
Other Liquids	**-8,443**	**-53,043**	**-34,148**	**-1,479**	**-1,605**	**-98,718**	**-4,547**	**-34,247**	**-199,962**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	279	2,485	2,074	125	109	5,072	505	1,517	9,216
Hydrogen	14	2,425	1,769	67	52	4,327	177	1,146	6,946
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	265	60	305	58	57	745	328	371	2,219
Fuel Ethanol	217	50	182	31	57	537	275	90	1,506
Renewable Diesel Fuel	48	10	123	27	–	208	53	278	710
Other Renewable Fuels	–	–	–	–	–	–	–	3	3
Other Hydrocarbons	–	–	–	–	–	–	–	–	51
Unfinished Oils (net)	-506	-2,986	10,242	-46	4	6,708	-265	-161	8,576
Naphthas and Lighter	-386	-5,542	265	46	8	-5,609	-192	-1,273	-5,918
Kerosene and Light Gas Oils	138	-977	1,139	-6	9	303	-206	-910	-1,196
Heavy Gas Oils	-169	2,260	7,890	-3	-13	9,965	179	2,910	14,449
Residuum	-89	1,273	948	-83	–	2,049	-46	-888	1,241
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,255	-52,542	-46,463	-1,558	-1,718	-110,536	-4,787	-35,603	-217,792
Reformulated - RBOB	-1,169	-15,431	-8,169	–	-847	-25,616	–	-27,816	-72,136
Conventional	-7,086	-37,111	-38,294	-1,558	-871	-84,920	-4,787	-7,787	-145,656
CBOB	-6,908	-31,565	-35,484	-1,554	-867	-76,378	-5,019	-8,814	-139,789
GTAB	–	–	–	–	–	–	–	–	–
Other	-178	-5,546	-2,810	-4	-4	-8,542	232	1,027	-5,867
Aviation Gasoline Blend. Comp. (net)	39	–	-1	–	–	38	–	–	38
Total Input to Refineries	**14,165**	**97,289**	**77,517**	**5,710**	**2,814**	**197,495**	**15,050**	**42,101**	**347,741**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	699	4,801	3,593	215	136	9,444	612	2,516	17,494
Operable Capacity (daily average)	731	4,944	3,696	256	124	9,752	692	2,933	18,557
Operable Utilization Rate (percent)[2]	95.7	97.1	97.2	83.9	110.4	96.9	88.4	85.8	94.3
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	147	668	620	34	25	1,495	93	371	2,845
Catalytic Cracking	178	1,305	1,112	18	37	2,650	167	692	5,052
Catalytic Hydrocracking	50	547	426	15	–	1,038	25	386	1,783
Delayed and Fluid Coking	27	846	542	23	–	1,438	57	412	2,439
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.56	1.70	1.42	1.56	0.69	1.49	1.39	1.35	1.42
API Gravity, Weighted Average (degrees)	39.90	31.34	30.80	31.87	39.75	31.92	34.79	29.38	32.05
Operable Capacity (daily average)	**731**	**4,944**	**3,696**	**256**	**124**	**9,752**	**692**	**2,933**	**18,557**
Operating	731	4,902	3,696	256	124	9,709	622	2,848	18,338
Idle	–	43	–	–	–	43	70	85	219
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**13,618**	**13,618**

– = 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."