Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2016
(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	**30,307**	**2,938**	**33,245**	**71,135**	**13,670**	**23,927**	**108,732**
Natural Gas Plant Liquids	**598**	**–**	**598**	**1,849**	**28**	**934**	**2,811**
Pentanes Plus	–	–	–	483	–	507	990
Liquefied Petroleum Gases	598	–	598	1,366	28	427	1,821
Normal Butane	225	–	225	193	–	7	200
Isobutane	373	–	373	1,173	28	420	1,621
Other Liquids	**-13,067**	**14**	**-13,053**	**-30,939**	**-5,096**	**-10,930**	**-46,965**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	173	113	286	936	363	250	1,549
Hydrogen	98	1	99	651	187	163	1,001
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	75	112	187	250	176	87	513
Fuel Ethanol	75	89	164	164	144	82	390
Renewable Diesel Fuel	–	23	23	86	32	5	123
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	35	–	–	35
Unfinished Oils (net)	2,052	-60	1,992	1,149	-678	54	525
Naphthas and Lighter	911	-27	884	723	-151	83	655
Kerosene and Light Gas Oils	34	–	34	181	-488	111	-196
Heavy Gas Oils	1,185	-35	1,150	269	-39	20	250
Residuum	-78	2	-76	-24	–	-160	-184
Motor Gasoline Blend.Comp. (MGBC)(net)	-15,292	-39	-15,331	-33,024	-4,781	-11,234	-49,039
Reformulated - RBOB	-9,645	–	-9,645	-8,283	-358	-50	-8,691
Conventional	-5,647	-39	-5,686	-24,741	-4,423	-11,184	-40,348
CBOB	-5,211	-90	-5,301	-24,511	-4,553	-11,000	-40,064
GTAB	–	–	–	–	–	–	–
Other	-436	51	-385	-230	130	-184	-284
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**17,838**	**2,952**	**20,790**	**42,045**	**8,602**	**13,931**	**64,578**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	989	98	1,087	2,371	457	799	3,627
Operable Capacity (daily average)	1,179	98	1,278	2,575	510	872	3,957
Operable Utilization Rate (percent)[2]	83.9	99.9	85.1	92.1	89.6	91.6	91.7
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	176	17	193	462	48	157	667
Catalytic Cracking	385	15	400	767	143	209	1,119
Catalytic Hydrocracking	39	–	39	182	13	51	247
Delayed and Fluid Coking	54	–	54	361	61	82	505
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.89	1.62	0.96	1.61	2.13	0.69	1.47
API Gravity, Weighted Average (degrees)	32.99	32.40	32.93	31.45	27.99	36.89	32.16
Operable Capacity (daily average)	**1,179**	**98**	**1,278**	**2,575**	**510**	**872**	**3,957**
Operating	1,179	98	1,278	2,553	510	872	3,935
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, September 2016
(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	**20,332**	**124,501**	**100,621**	**6,335**	**3,778**	**255,567**	**19,318**	**73,824**	**490,686**
Natural Gas Plant Liquids	**576**	**3,742**	**3,948**	**45**	**170**	**8,481**	**462**	**1,961**	**14,313**
Pentanes Plus	181	1,162	1,181	7	–	2,531	145	674	4,340
Liquefied Petroleum Gases	395	2,580	2,767	38	170	5,950	317	1,287	9,973
Normal Butane	135	838	1,239	–	3	2,215	135	549	3,324
Isobutane	260	1,742	1,528	38	167	3,735	182	738	6,649
Other Liquids	**-7,708**	**-45,929**	**-31,659**	**-1,253**	**-1,336**	**-87,885**	**-3,928**	**-32,409**	**-184,240**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	262	2,130	2,005	154	89	4,640	615	1,451	8,541
Hydrogen	30	1,996	1,741	73	41	3,881	220	1,197	6,398
Oxygenates (excluding Fuel Ethanol)	–	60	–	–	–	60	–	–	60
Methyl Tertiary Butyl Ether (MTBE)	–	60	–	–	–	60	–	–	60
All Other Oxygenates[1]	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	232	74	264	81	48	699	395	254	2,048
Fuel Ethanol	193	47	178	50	48	516	334	93	1,497
Renewable Diesel Fuel	39	25	86	31	–	181	61	159	547
Other Renewable Fuels	–	2	–	–	–	2	–	2	4
Other Hydrocarbons	–	–	–	–	–	–	–	–	35
Unfinished Oils (net)	97	-894	5,712	147	1	5,063	79	2,300	9,959
Naphthas and Lighter	-143	-4,239	-1,255	40	86	-5,511	-47	-58	-4,077
Kerosene and Light Gas Oils	102	-3,282	569	-27	-42	-2,680	-220	-91	-3,153
Heavy Gas Oils	89	5,217	4,405	105	-43	9,773	271	2,217	13,661
Residuum	49	1,410	1,993	29	–	3,481	75	232	3,528
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,090	-47,165	-39,378	-1,554	-1,426	-97,613	-4,622	-36,160	-202,765
Reformulated - RBOB	-1,232	-13,530	-3,460	–	-657	-18,879	–	-26,414	-63,629
Conventional	-6,858	-33,635	-35,918	-1,554	-769	-78,734	-4,622	-9,746	-139,136
CBOB	-6,856	-28,714	-33,645	-1,473	-699	-71,387	-4,601	-9,369	-130,722
GTAB	–	–	–	–	–	–	–	–	–
Other	-2	-4,921	-2,273	-81	-70	-7,347	-21	-377	-8,414
Aviation Gasoline Blend. Comp. (net)	23	–	2	–	–	25	–	–	25
Total Input to Refineries	**13,200**	**82,314**	**72,910**	**5,127**	**2,612**	**176,163**	**15,852**	**43,376**	**320,759**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	668	4,203	3,505	195	126	8,696	642	2,629	16,682
Operable Capacity (daily average)	704	4,838	3,692	243	128	9,605	696	2,924	18,459
Operable Utilization Rate (percent)[2]	94.9	86.9	94.9	80.1	98.8	90.5	92.3	89.9	90.4
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	145	658	548	34	29	1,414	102	425	2,801
Catalytic Cracking	188	1,301	1,040	20	34	2,583	176	731	5,009
Catalytic Hydrocracking	51	493	391	18	–	954	27	505	1,771
Delayed and Fluid Coking	26	791	580	20	–	1,417	68	435	2,478
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.64	1.61	1.57	1.58	0.69	1.50	1.39	1.21	1.41
API Gravity, Weighted Average (degrees)	39.26	30.90	29.71	32.00	38.86	31.26	32.84	28.18	31.14
Operable Capacity (daily average)	**704**	**4,838**	**3,692**	**243**	**128**	**9,605**	**696**	**2,924**	**18,459**
Operating	704	4,838	3,692	243	128	9,605	683	2,829	18,329
Idle	–	–	–	–	–	–	13	95	130
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**12,575**	**12,575**

– = 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."