Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 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	**30,229**	**2,940**	**33,169**	**72,232**	**14,790**	**23,949**	**110,971**
Hydrocarbon Gas Liquids	**659**	**–**	**659**	**1,819**	**53**	**1,104**	**2,976**
Natural Gas Liquids	659	–	659	1,819	53	1,104	2,976
Normal Butane	202	–	202	337	–	54	391
Isobutane	457	–	457	1,083	53	473	1,609
Natural Gasoline	–	–	–	399	–	577	976
Other Liquids	**-14,662**	**67**	**-14,595**	**-32,984**	**-5,373**	**-10,661**	**-49,018**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	158	122	280	993	453	311	1,757
Hydrogen	83	2	85	705	272	201	1,178
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	75	120	195	249	181	110	540
Fuel Ethanol	75	97	172	157	144	104	405
Renewable Diesel Fuel	–	23	23	92	37	6	135
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	39	–	–	39
Unfinished Oils (net)	2,248	-68	2,180	1,767	272	-480	1,559
Naphthas and Lighter	1,195	-5	1,190	969	-118	-309	542
Kerosene and Light Gas Oils	-789	–	-789	-134	-128	22	-240
Heavy Gas Oils	1,656	-62	1,594	916	523	83	1,522
Residuum	186	-1	185	16	-5	-276	-265
Motor Gasoline Blend.Comp. (MGBC)(net)	-17,068	13	-17,055	-35,744	-6,098	-10,492	-52,334
Reformulated - RBOB	-10,795	–	-10,795	-8,473	-227	-125	-8,825
Conventional	-6,273	13	-6,260	-27,271	-5,871	-10,367	-43,509
CBOB	-5,989	-18	-6,007	-27,106	-5,855	-10,264	-43,225
GTAB	–	–	–	–	–	–	–
Other	-284	31	-253	-165	-16	-103	-284
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**16,226**	**3,007**	**19,233**	**41,067**	**9,470**	**14,392**	**64,929**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,008	99	1,106	2,393	495	799	3,688
Operable Capacity (daily average)	1,083	98	1,182	2,607	520	884	4,011
Operable Utilization Rate (percent)[2]	93.0	100.3	93.6	91.8	95.3	90.4	92.0
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	189	18	207	487	75	141	703
Catalytic Cracking	410	16	426	777	153	203	1,134
Catalytic Hydrocracking	33	–	33	215	58	59	331
Delayed and Fluid Coking	27	–	27	361	48	83	491
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.71	1.79	0.82	1.66	1.63	0.82	1.47
API Gravity, Weighted Average (degrees)	34.66	31.57	34.35	31.64	28.80	37.00	32.36
Operable Capacity (daily average)	**1,083**	**98**	**1,182**	**2,607**	**520**	**884**	**4,011**
Operating	1,083	98	1,182	2,585	520	884	3,989
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 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	**20,396**	**84,738**	**106,494**	**7,323**	**4,155**	**223,106**	**20,119**	**76,439**	**463,804**
Hydrocarbon Gas Liquids	**514**	**3,208**	**4,872**	**46**	**181**	**8,821**	**466**	**2,374**	**15,296**
Natural Gas Liquids	514	3,208	4,872	46	181	8,821	466	2,374	15,296
Normal Butane	218	896	1,195	1	–	2,310	114	674	3,691
Isobutane	88	1,284	1,647	42	181	3,242	209	880	6,397
Natural Gasoline	208	1,028	2,030	3	–	3,269	143	820	5,208
Other Liquids	**-7,636**	**-35,943**	**-31,831**	**-1,675**	**-1,472**	**-78,557**	**-5,454**	**-34,768**	**-182,392**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	280	1,616	2,095	167	108	4,266	533	1,489	8,325
Hydrogen	15	1,554	1,765	91	46	3,471	219	1,311	6,264
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	265	62	330	76	62	795	314	178	2,022
Fuel Ethanol	226	60	173	33	57	549	273	105	1,504
Renewable Diesel Fuel	39	2	157	43	5	246	41	73	518
Other Renewable Fuels	–	–	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–	–	39
Unfinished Oils (net)	116	-5,021	10,347	-30	29	5,441	-380	2,925	11,725
Naphthas and Lighter	-87	-5,031	-227	5	-1	-5,341	-10	-126	-3,745
Kerosene and Light Gas Oils	107	-742	1,833	-42	-34	1,122	-320	-205	-432
Heavy Gas Oils	89	247	6,777	62	64	7,239	69	2,862	13,286
Residuum	7	505	1,964	-55	–	2,421	-119	394	2,616
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,034	-32,538	-44,275	-1,812	-1,609	-88,268	-5,607	-39,182	-202,446
Reformulated - RBOB	-1,220	-7,268	-3,083	–	-822	-12,393	–	-28,545	-60,558
Conventional	-6,814	-25,270	-41,192	-1,812	-787	-75,875	-5,607	-10,637	-141,888
CBOB	-6,748	-22,420	-39,763	-1,778	-720	-71,429	-5,498	-10,663	-136,822
GTAB	–	–	–	–	–	–	–	–	–
Other	-66	-2,850	-1,429	-34	-67	-4,446	-109	26	-5,066
Aviation Gasoline Blend. Comp. (net)	2	–	2	–	–	4	–	–	4
Total Input to Refineries	**13,274**	**52,003**	**79,535**	**5,694**	**2,864**	**153,370**	**15,131**	**44,045**	**296,708**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	697	2,893	3,675	220	139	7,624	669	2,701	15,788
Operable Capacity (daily average)	731	4,959	3,699	256	124	9,769	693	2,848	18,503
Operable Utilization Rate (percent)[2]	95.4	58.3	99.3	85.9	112.2	78.0	96.6	94.8	85.3
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	150	360	627	37	28	1,202	100	431	2,642
Catalytic Cracking	176	816	1,137	20	35	2,183	185	783	4,710
Catalytic Hydrocracking	44	326	484	16	18	888	26	504	1,782
Delayed and Fluid Coking	29	439	590	27	–	1,084	72	455	2,129
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.60	1.38	1.31	1.53	0.70	1.27	1.48	1.36	1.31
API Gravity, Weighted Average (degrees)	39.75	32.95	30.28	31.54	39.70	32.42	32.49	28.08	31.80
Operable Capacity (daily average)	**731**	**4,959**	**3,699**	**256**	**124**	**9,769**	**693**	**2,848**	**18,503**
Operating	731	2,422	3,699	256	124	7,232	683	2,848	15,934
Idle	–	2,537	–	–	–	2,537	10	–	2,569
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**12,755**	**12,755**

– = 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."