Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2018
(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	**30,030**	**3,078**	**33,108**	**79,720**	**15,652**	**28,479**	**123,851**
Hydrocarbon Gas Liquids	**521**	**–**	**521**	**1,680**	**45**	**897**	**2,622**
Natural Gas Liquids	521	–	521	1,680	45	897	2,622
Normal Butane	1	–	1	–	–	6	6
Isobutane	520	–	520	1,109	45	433	1,587
Natural Gasoline	–	–	–	571	–	458	1,029
Other Liquids	**-12,936**	**136**	**-12,800**	**-34,571**	**-5,423**	**-11,846**	**-51,840**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	165	156	321	989	469	311	1,769
Hydrogen	96	10	106	706	271	177	1,154
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	69	146	215	242	198	134	574
Fuel Ethanol	69	117	186	159	111	112	382
Renewable Diesel Fuel[2]	–	29	29	83	87	22	192
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	41	–	–	41
Unfinished Oils (net)	1,079	-66	1,013	276	-368	-374	-466
Naphthas and Lighter	805	-24	781	225	-152	-9	64
Kerosene and Light Gas Oils	211	–	211	-351	-113	-193	-657
Heavy Gas Oils	44	-41	3	424	-103	-60	261
Residuum	19	-1	18	-22	–	-112	-134
Motor Gasoline Blend.Comp. (MGBC)(net)	-14,180	46	-14,134	-35,836	-5,524	-11,783	-53,143
Reformulated - RBOB	-8,794	–	-8,794	-8,476	–	–	-8,476
Conventional	-5,386	46	-5,340	-27,360	-5,524	-11,783	-44,667
CBOB	-5,148	39	-5,109	-26,815	-5,588	-11,969	-44,372
GTAB	–	–	–	–	–	–	–
Other	-238	7	-231	-545	64	186	-295
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**17,615**	**3,214**	**20,829**	**46,829**	**10,274**	**17,530**	**74,633**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	969	102	1,070	2,562	506	920	3,988
Operable Capacity (daily average)	1,125	98	1,224	2,640	540	912	4,092
Operable Utilization Rate (percent)[3]	86.1	103.3	87.5	97.1	93.7	100.9	97.5
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	175	18	193	469	73	169	712
Catalytic Cracking	346	16	362	800	140	226	1,166
Catalytic Hydrocracking	38	–	38	221	51	61	333
Delayed and Fluid Coking	52	–	52	357	68	91	515
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	1.03	1.72	1.09	1.62	1.91	0.74	1.45
API Gravity, Weighted Average (degrees)	34.91	32.13	34.64	32.18	28.13	37.71	32.88
Operable Capacity (daily average)	**1,125**	**98**	**1,224**	**2,640**	**540**	**912**	**4,092**
Operating	1,125	98	1,224	2,613	502	912	4,027
Idle	–	–	–	28	38	–	66
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, August 2018
(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	**22,359**	**148,899**	**107,312**	**7,143**	**4,143**	**289,856**	**18,868**	**80,295**	**545,978**
Hydrocarbon Gas Liquids	**429**	**3,937**	**3,941**	**34**	**151**	**8,492**	**479**	**2,303**	**14,417**
Natural Gas Liquids	429	3,937	3,941	34	151	8,492	479	2,303	14,417
Normal Butane	154	934	38	–	–	1,126	153	575	1,861
Isobutane	114	1,960	1,626	31	151	3,882	156	969	7,114
Natural Gasoline	161	1,043	2,277	3	–	3,484	170	759	5,442
Other Liquids	**-8,801**	**-52,478**	**-32,223**	**-1,470**	**-1,309**	**-96,281**	**-3,856**	**-33,918**	**-198,695**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	317	2,617	1,844	109	110	4,997	560	1,622	9,269
Hydrogen	22	2,549	1,643	60	45	4,319	204	1,333	7,116
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	295	68	201	49	65	678	356	289	2,112
Fuel Ethanol	222	51	187	25	56	541	306	97	1,512
Renewable Diesel Fuel[2]	73	17	14	24	9	137	50	192	600
Other Renewable Fuels	–	–	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–	–	41
Unfinished Oils (net)	200	-411	9,697	-12	42	9,516	-192	4,680	14,551
Naphthas and Lighter	-64	-6,006	625	-14	12	-5,447	-107	242	-4,467
Kerosene and Light Gas Oils	143	-706	808	18	-5	258	-301	-286	-775
Heavy Gas Oils	42	6,494	8,574	42	35	15,187	296	3,999	19,746
Residuum	79	-193	-310	-58	–	-482	-80	725	47
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,364	-54,684	-43,755	-1,567	-1,461	-110,831	-4,224	-40,220	-222,552
Reformulated - RBOB	-1,481	-14,883	-6,026	–	-653	-23,043	–	-28,784	-69,097
Conventional	-7,883	-39,801	-37,729	-1,567	-808	-87,788	-4,224	-11,436	-153,455
CBOB	-7,844	-34,013	-35,031	-1,548	-855	-79,291	-4,356	-11,229	-144,357
GTAB	–	–	–	–	–	–	–	–	–
Other	-39	-5,788	-2,698	-19	47	-8,497	132	-207	-9,098
Aviation Gasoline Blend. Comp. (net)	46	–	-9	–	–	37	–	–	37
Total Input to Refineries	**13,987**	**100,358**	**79,030**	**5,707**	**2,985**	**202,067**	**15,491**	**48,680**	**361,700**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	724	4,885	3,566	212	134	9,520	605	2,790	17,973
Operable Capacity (daily average)	747	4,955	3,671	256	137	9,765	683	2,838	18,601
Operable Utilization Rate (percent)[3]	96.9	98.6	97.1	82.7	97.8	97.5	88.6	98.3	96.6
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	164	735	622	34	29	1,585	94	439	3,023
Catalytic Cracking	199	1,431	1,068	17	30	2,744	165	790	5,227
Catalytic Hydrocracking	49	587	435	17	18	1,106	24	525	2,026
Delayed and Fluid Coking	27	837	568	19	–	1,451	54	518	2,590
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.53	1.62	1.45	1.51	0.69	1.45	1.47	1.37	1.42
API Gravity, Weighted Average (degrees)	39.54	31.60	30.98	31.30	38.99	32.10	31.69	28.10	31.80
Operable Capacity (daily average)	**747**	**4,955**	**3,671**	**256**	**137**	**9,765**	**683**	**2,838**	**18,601**
Operating	747	4,955	3,671	256	137	9,765	673	2,832	18,520
Idle	–	–	–	–	–	–	10	6	81
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**11,424**	**11,424**

– = 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 Renewable diesel fuel includes biodiesel and other renewable diesel.
3 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."