Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2020
(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	**15,609**	**2,964**	**18,573**	**73,150**	**14,981**	**25,474**	**113,605**
Hydrocarbon Gas Liquids	**251**	**–**	**251**	**1,196**	**62**	**804**	**2,062**
Natural Gas Liquids	251	–	251	1,196	62	804	2,062
Normal Butane	–	–	–	5	–	–	5
Isobutane	251	–	251	973	62	340	1,375
Natural Gasoline	–	–	–	218	–	464	682
Other Liquids	**-6,729**	**-25**	**-6,754**	**-31,876**	**-4,616**	**-10,273**	**-46,765**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	160	144	304	977	495	339	1,811
Hydrogen	98	9	107	730	270	186	1,186
Oxygenates (excluding Fuel Ethanol)	– –	– –	– –	– –	– –	– –	– –
Methyl Tertiary Butyl Ether (MTBE)	– –	– –	– –	– –	– –	– –	– –
All Other Oxygenates[1]	– –	– –	– –	– –	– –	– –	– –
Renewable Fuels (including Fuel Ethanol)	62	135	197	247	225	153	625
Fuel Ethanol	62	113	175	174	154	136	464
Renewable Diesel Fuel[2]	–	22	22	73	71	17	161
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils (net)	2,460	-174	2,286	599	264	-496	367
Naphthas and Lighter	-2	-104	-106	269	6	77	352
Kerosene and Light Gas Oils	-16	–	-16	368	34	-291	111
Heavy Gas Oils	1,859	-68	1,791	-4	224	-94	126
Residuum	619	-2	617	-34	–	-188	-222
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,349	5	-9,344	-33,452	-5,375	-10,116	-48,943
Reformulated - RBOB	-6,755	–	-6,755	-7,708	–	–	-7,708
Conventional	-2,594	5	-2,589	-25,744	-5,375	-10,116	-41,235
CBOB	-2,600	-9	-2,609	-25,864	-5,452	-10,206	-41,522
GTAB	–	–	–	–	–	–	–
Other	6	14	20	120	77	90	287
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**9,131**	**2,939**	**12,070**	**42,470**	**10,427**	**16,005**	**68,902**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	528	96	624	2,353	479	822	3,654
Operable Capacity (daily average)	791	98	889	2,703	547	927	4,177
Operable Utilization Rate (percent)[3]	66.8	98.1	70.2	87.0	87.5	88.8	87.5
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	93	15	108	456	74	158	688
Catalytic Cracking	242	15	258	731	148	196	1,075
Catalytic Hydrocracking	39	–	39	194	57	59	311
Delayed and Fluid Coking	32	–	32	295	75	76	445
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.75	1.75	0.90	1.62	1.90	0.60	1.42
API Gravity, Weighted Average (degrees)	34.89	31.59	34.37	32.80	26.48	38.26	33.13
Operable Capacity (daily average)	**791**	**98**	**889**	**2,703**	**547**	**927**	**4,177**
Operating	791	98	889	2,703	509	927	4,139
Idle	–	–	–	–	38	–	38
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 2020
(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	**21,121**	**115,978**	**81,737**	**6,829**	**3,010**	**228,675**	**18,450**	**59,391**	**438,694**
Hydrocarbon Gas Liquids	**409**	**4,430**	**2,532**	**17**	**139**	**7,527**	**435**	**1,758**	**12,033**
Natural Gas Liquids	409	4,430	2,532	17	139	7,527	435	1,758	12,033
Normal Butane	171	1,342	153	–	–	1,666	131	389	2,191
Isobutane	197	2,155	1,350	12	139	3,853	178	675	6,332
Natural Gasoline	41	933	1,029	5	–	2,008	126	694	3,510
Other Liquids	**-8,483**	**-42,222**	**-20,085**	**-1,315**	**-1,501**	**-73,606**	**-4,005**	**-27,577**	**-158,707**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	297	1,925	1,604	116	56	3,998	504	1,804	8,421
Hydrogen	10	1,848	1,399	46	39	3,342	195	1,398	6,228
Oxygenates (excluding Fuel Ethanol)	– –	– –	– –	– –	– –	– –	– –	– –	– –
Methyl Tertiary Butyl Ether (MTBE)	– –	– –	– –	– –	– –	– –	– –	– –	– –
All Other Oxygenates[1]	– –	– –	– –	– –	– –	– –	– –	– –	– –
Renewable Fuels (including Fuel Ethanol)	287	77	205	70	17	656	309	406	2,193
Fuel Ethanol	228	46	190	49	9	522	272	96	1,529
Renewable Diesel Fuel[2]	59	31	15	21	8	134	37	310	664
Other Renewable Fuels	–	–	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–	–	–
Unfinished Oils (net)	271	-938	11,670	102	-40	11,065	329	1,899	15,946
Naphthas and Lighter	189	-5,545	655	-39	-49	-4,789	11	116	-4,416
Kerosene and Light Gas Oils	60	-758	621	113	65	101	-196	-475	-475
Heavy Gas Oils	75	2,367	6,153	94	-56	8,633	476	1,639	12,665
Residuum	-53	2,998	4,241	-66	–	7,120	38	619	8,172
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,059	-43,209	-33,362	-1,533	-1,517	-88,680	-4,838	-31,280	-183,085
Reformulated - RBOB	-1,061	-12,716	-5,085	–	-648	-19,510	–	-23,101	-57,074
Conventional	-7,998	-30,493	-28,277	-1,533	-869	-69,170	-4,838	-8,179	-126,011
CBOB	-7,907	-26,309	-28,165	-1,525	-896	-64,802	-4,994	-8,477	-122,404
GTAB	–	–	–	–	–	–	–	–	–
Other	-91	-4,184	-112	-8	27	-4,368	156	298	-3,607
Aviation Gasoline Blend. Comp. (net)	8	–	3	–	–	11	–	–	11
Total Input to Refineries	**13,047**	**78,186**	**64,184**	**5,531**	**1,648**	**162,596**	**14,880**	**33,572**	**292,020**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	684	3,916	2,846	204	97	7,748	597	2,054	14,677
Operable Capacity (daily average)	742	5,114	3,732	258	137	9,983	698	2,875	18,622
Operable Utilization Rate (percent)[3]	92.2	76.6	76.3	79.1	70.9	77.6	85.5	71.5	78.8
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	159	561	523	31	21	1,295	104	363	2,558
Catalytic Cracking	190	1,132	838	17	25	2,202	172	595	4,302
Catalytic Hydrocracking	52	428	396	14	17	906	25	385	1,665
Delayed and Fluid Coking	23	582	437	19	–	1,061	57	397	1,992
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.57	1.46	1.38	1.33	0.83	1.32	1.41	1.31	1.33
API Gravity, Weighted Average (degrees)	39.53	34.21	31.88	29.54	38.04	33.86	32.35	28.55	32.88
Operable Capacity (daily average)	**742**	**5,114**	**3,732**	**258**	**137**	**9,983**	**698**	**2,875**	**18,622**
Operating	742	5,079	3,732	258	110	9,921	689	2,660	18,298
Idle	–	35	–	–	27	62	10	215	324
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**12,455**	**12,455**

– – = Not Applicable.
– = 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."