Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2021
(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	**18,816**	**2,701**	**21,517**	**78,914**	**15,383**	**27,770**	**122,067**
Hydrocarbon Gas Liquids	**122**	**–**	**122**	**1,232**	**64**	**1,001**	**2,297**
Natural Gas Liquids	122	–	122	1,232	64	1,001	2,297
Normal Butane	5	–	5	1	–	–	1
Isobutane	117	–	117	1,095	64	454	1,613
Natural Gasoline	–	–	–	136	–	547	683
Other Liquids	**-8,486**	**77**	**-8,409**	**-36,231**	**-4,720**	**-11,593**	**-52,544**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	165	147	312	973	503	352	1,828
Hydrogen	91	6	97	693	278	189	1,160
Oxygenates (excluding Fuel Ethanol)	– –	– –	– –	– –	– –	– –	– –
Methyl Tertiary Butyl Ether (MTBE)	– –	– –	– –	– –	– –	– –	– –
All Other Oxygenates[1]	– –	– –	– –	– –	– –	– –	– –
Renewable Fuels (including Fuel Ethanol)	74	141	215	263	225	163	651
Fuel Ethanol	74	112	186	170	162	143	475
Renewable Diesel Fuel[2]	–	29	29	93	63	20	176
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	17	–	–	17
Unfinished Oils (net)	1,402	-164	1,238	-177	161	270	254
Naphthas and Lighter	30	-110	-80	341	2	78	421
Kerosene and Light Gas Oils	255	–	255	-381	-4	68	-317
Heavy Gas Oils	1,026	-52	974	33	163	200	396
Residuum	91	-2	89	-170	–	-76	-246
Motor Gasoline Blend.Comp. (MGBC)(net)	-10,053	94	-9,959	-37,027	-5,384	-12,215	-54,626
Reformulated - RBOB	-7,631	–	-7,631	-8,247	–	–	-8,247
Conventional	-2,422	94	-2,328	-28,780	-5,384	-12,215	-46,379
CBOB	-2,389	80	-2,309	-27,693	-5,388	-12,309	-45,390
GTAB	–	–	–	–	–	–	–
Other	-33	14	-19	-1,087	4	94	-989
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**10,452**	**2,778**	**13,230**	**43,915**	**10,727**	**17,178**	**71,820**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	644	90	734	2,629	525	927	4,081
Operable Capacity (daily average)	720	98	818	2,716	547	926	4,188
Operable Utilization Rate (percent)[3]	89.5	91.7	89.7	96.8	95.9	100.2	97.4
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	112	13	125	492	81	177	750
Catalytic Cracking	258	16	274	828	145	224	1,198
Catalytic Hydrocracking	48	–	48	186	61	56	303
Delayed and Fluid Coking	31	–	31	357	71	82	510
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.69	1.78	0.82	1.57	1.95	0.59	1.40
API Gravity, Weighted Average (degrees)	36.85	32.58	36.31	32.83	27.81	38.94	33.53
Operable Capacity (daily average)	**720**	**98**	**818**	**2,716**	**547**	**926**	**4,188**
Operating	720	98	818	2,716	509	926	4,150
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, June 2021
(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	**18,800**	**135,282**	**94,049**	**7,089**	**2,993**	**258,213**	**16,606**	**67,304**	**485,707**
Hydrocarbon Gas Liquids	**352**	**3,679**	**2,772**	**54**	**126**	**6,983**	**361**	**1,750**	**11,513**
Natural Gas Liquids	352	3,679	2,772	54	126	6,983	361	1,750	11,513
Normal Butane	89	921	399	–	–	1,409	89	415	1,919
Isobutane	225	1,815	1,622	48	126	3,836	153	607	6,326
Natural Gasoline	38	943	751	6	–	1,738	119	728	3,268
Other Liquids	**-7,240**	**-48,638**	**-27,743**	**-1,491**	**-1,474**	**-86,586**	**-3,300**	**-30,634**	**-181,473**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	341	2,288	1,713	108	32	4,482	416	1,803	8,841
Hydrogen	90	2,214	1,426	59	17	3,806	181	1,347	6,591
Oxygenates (excluding Fuel Ethanol)	– –	– –	– –	– –	– –	– –	– –	– –	– –
Methyl Tertiary Butyl Ether (MTBE)	– –	– –	– –	– –	– –	– –	– –	– –	– –
All Other Oxygenates[1]	– –	– –	– –	– –	– –	– –	– –	– –	– –
Renewable Fuels (including Fuel Ethanol)	251	74	287	49	15	676	235	456	2,233
Fuel Ethanol	212	52	193	42	7	506	222	103	1,492
Renewable Diesel Fuel[2]	39	22	33	7	8	109	13	285	612
Other Renewable Fuels	–	–	61	–	–	61	–	68	129
Other Hydrocarbons	–	–	–	–	–	–	–	–	17
Unfinished Oils (net)	54	-2,336	9,349	-13	10	7,064	-112	1,735	10,179
Naphthas and Lighter	242	-5,994	84	34	2	-5,632	-4	-481	-5,776
Kerosene and Light Gas Oils	-77	-327	354	23	-30	-57	40	-453	-532
Heavy Gas Oils	-17	2,279	5,205	18	38	7,523	-188	1,664	10,369
Residuum	-94	1,706	3,706	-88	–	5,230	40	1,005	6,118
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,639	-48,590	-38,814	-1,586	-1,516	-98,145	-3,604	-34,172	-200,506
Reformulated - RBOB	-762	-15,424	-7,774	–	-600	-24,560	–	-26,382	-66,820
Conventional	-6,877	-33,166	-31,040	-1,586	-916	-73,585	-3,604	-7,790	-133,686
CBOB	-6,926	-29,297	-30,181	-1,569	-909	-68,882	-3,723	-8,355	-128,659
GTAB	–	–	–	–	–	–	–	–	–
Other	49	-3,869	-859	-17	-7	-4,703	119	565	-5,027
Aviation Gasoline Blend. Comp. (net)	4	–	9	–	–	13	–	–	13
Total Input to Refineries	**11,912**	**90,323**	**69,078**	**5,652**	**1,645**	**178,610**	**13,667**	**38,420**	**315,747**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	631	4,725	3,314	208	100	8,978	555	2,396	16,743
Operable Capacity (daily average)	746	5,106	3,531	258	110	9,751	657	2,714	18,128
Operable Utilization Rate (percent)[3]	84.6	92.5	93.9	80.4	90.7	92.1	84.5	88.3	92.4
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	140	669	580	35	21	1,445	93	392	2,805
Catalytic Cracking	168	1,263	971	17	27	2,447	147	620	4,686
Catalytic Hydrocracking	30	546	461	17	17	1,070	26	475	1,924
Delayed and Fluid Coking	27	734	511	32	–	1,304	58	424	2,327
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.58	1.38	1.16	1.44	0.83	1.22	1.34	1.25	1.26
API Gravity, Weighted Average (degrees)	39.95	34.55	32.88	30.49	38.83	34.39	31.92	29.17	33.43
Operable Capacity (daily average)	**746**	**5,106**	**3,531**	**258**	**110**	**9,751**	**657**	**2,714**	**18,128**
Operating	746	5,071	3,459	258	110	9,644	647	2,650	17,910
Idle	–	35	72	–	–	107	10	64	218
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**11,903**	**11,903**

– – = 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."