Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 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	**16,782**	**2,965**	**19,747**	**69,889**	**14,853**	**21,906**	**106,648**
Hydrocarbon Gas Liquids	**318**	**–**	**318**	**1,346**	**40**	**482**	**1,868**
Natural Gas Liquids	318	–	318	1,346	40	482	1,868
Normal Butane	82	–	82	144	–	8	152
Isobutane	236	–	236	999	40	300	1,339
Natural Gasoline	–	–	–	203	–	174	377
Other Liquids	**-6,735**	**54**	**-6,681**	**-34,421**	**-5,144**	**-8,512**	**-48,077**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	163	149	312	1,007	450	332	1,789
Hydrogen	103	11	114	756	301	195	1,252
Oxygenates (excluding Fuel Ethanol)	– –	– –	– –	– –	– –	– –	– –
Methyl Tertiary Butyl Ether (MTBE)	– –	– –	– –	– –	– –	– –	– –
All Other Oxygenates[1]	– –	– –	– –	– –	– –	– –	– –
Renewable Fuels (including Fuel Ethanol)	60	138	198	238	149	137	524
Fuel Ethanol	60	112	172	161	126	120	407
Renewable Diesel Fuel[2]	–	26	26	77	23	17	117
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	13	–	–	13
Unfinished Oils (net)	2,098	-53	2,045	-1,164	156	228	-780
Naphthas and Lighter	218	1	219	272	-157	407	522
Kerosene and Light Gas Oils	208	–	208	117	-130	196	183
Heavy Gas Oils	644	-55	589	-1,023	443	-10	-590
Residuum	1,028	1	1,029	-530	–	-365	-895
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,996	-42	-9,038	-34,264	-5,750	-9,072	-49,086
Reformulated - RBOB	-5,897	–	-5,897	-7,086	-134	–	-7,220
Conventional	-3,099	-42	-3,141	-27,178	-5,616	-9,072	-41,866
CBOB	-2,630	0	-2,630	-26,695	-5,625	-9,182	-41,502
GTAB	–	–	–	–	–	–	–
Other	-469	-42	-511	-483	9	110	-364
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**10,365**	**3,019**	**13,384**	**36,814**	**9,749**	**13,876**	**60,439**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	562	96	658	2,248	491	708	3,447
Operable Capacity (daily average)	1,126	98	1,224	2,703	566	927	4,196
Operable Utilization Rate (percent)[3]	49.9	98.1	53.8	83.2	86.8	76.4	82.2
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	110	15	125	414	70	140	624
Catalytic Cracking	196	14	210	634	138	160	932
Catalytic Hydrocracking	38	–	38	195	63	50	309
Delayed and Fluid Coking	47	–	47	316	38	64	419
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.87	1.55	0.97	1.76	2.07	0.70	1.58
API Gravity, Weighted Average (degrees)	37.68	32.36	36.89	32.26	26.56	38.25	32.64
Operable Capacity (daily average)	**1,126**	**98**	**1,224**	**2,703**	**566**	**927**	**4,196**
Operating	791	98	889	2,703	528	795	4,026
Idle	335	–	335	–	38	132	170
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, March 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	**18,615**	**137,803**	**93,722**	**7,500**	**4,087**	**261,727**	**17,077**	**66,816**	**472,015**
Hydrocarbon Gas Liquids	**520**	**4,238**	**2,891**	**42**	**194**	**7,885**	**393**	**2,454**	**12,918**
Natural Gas Liquids	520	4,238	2,891	42	194	7,885	393	2,454	12,918
Normal Butane	229	1,568	766	–	–	2,563	136	637	3,570
Isobutane	262	1,803	1,245	38	194	3,542	96	1,000	6,213
Natural Gasoline	29	867	880	4	–	1,780	161	817	3,135
Other Liquids	**-7,947**	**-48,721**	**-25,913**	**-1,732**	**-1,939**	**-86,252**	**-3,821**	**-30,469**	**-175,300**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	222	2,226	1,810	120	95	4,473	491	1,703	8,768
Hydrogen	12	2,179	1,596	55	42	3,884	207	1,395	6,852
Oxygenates (excluding Fuel Ethanol)	– –	– –	– –	– –	– –	– –	– –	– –	– –
Methyl Tertiary Butyl Ether (MTBE)	– –	– –	– –	– –	– –	– –	– –	– –	– –
All Other Oxygenates[1]	– –	– –	– –	– –	– –	– –	– –	– –	– –
Renewable Fuels (including Fuel Ethanol)	210	47	214	65	53	589	284	308	1,903
Fuel Ethanol	179	41	181	47	44	492	257	77	1,405
Renewable Diesel Fuel[2]	31	6	33	18	9	97	27	231	498
Other Renewable Fuels	–	–	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–	–	13
Unfinished Oils (net)	-612	-6,244	6,341	-131	-78	-724	-293	-109	139
Naphthas and Lighter	-412	-5,644	-1,229	-11	-1	-7,297	-193	-406	-7,155
Kerosene and Light Gas Oils	37	-690	511	10	-63	-195	-227	-846	-877
Heavy Gas Oils	-346	-2,879	2,430	-58	-14	-867	39	970	141
Residuum	109	2,969	4,629	-72	–	7,635	88	173	8,030
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,579	-44,703	-34,072	-1,721	-1,956	-90,031	-4,019	-32,063	-184,237
Reformulated - RBOB	-1,048	-11,660	-1,880	–	-791	-15,379	–	-23,409	-51,905
Conventional	-6,531	-33,043	-32,192	-1,721	-1,165	-74,652	-4,019	-8,654	-132,332
CBOB	-6,689	-25,688	-31,045	-1,662	-1,220	-66,304	-4,085	-8,256	-122,777
GTAB	–	–	–	–	–	–	–	–	–
Other	158	-7,355	-1,147	-59	55	-8,348	66	-398	-9,555
Aviation Gasoline Blend. Comp. (net)	22	–	8	–	–	30	–	–	30
Total Input to Refineries	**11,188**	**93,320**	**70,700**	**5,810**	**2,342**	**183,360**	**13,649**	**38,801**	**309,633**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	612	4,625	3,251	195	132	8,815	552	2,301	15,772
Operable Capacity (daily average)	742	5,114	3,732	258	137	9,983	698	2,875	18,976
Operable Utilization Rate (percent)[3]	82.5	90.5	87.1	75.4	96.2	88.3	79.0	80.0	83.1
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	123	592	466	32	28	1,242	84	364	2,439
Catalytic Cracking	152	1,141	858	17	32	2,200	138	582	4,062
Catalytic Hydrocracking	31	509	348	13	13	913	24	403	1,687
Delayed and Fluid Coking	19	648	467	23	–	1,157	62	428	2,113
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.62	1.44	1.21	1.40	0.74	1.27	1.57	1.41	1.36
API Gravity, Weighted Average (degrees)	39.89	33.43	33.54	30.98	39.74	34.06	31.58	28.85	32.99
Operable Capacity (daily average)	**742**	**5,114**	**3,732**	**258**	**137**	**9,983**	**698**	**2,875**	**18,976**
Operating	742	5,114	3,732	258	137	9,983	689	2,865	18,452
Idle	–	–	–	–	–	–	10	10	524
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**14,044**	**14,044**

– – = 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."