Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 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	**20,661**	**3,129**	**23,790**	**78,032**	**14,741**	**24,775**	**117,548**
Hydrocarbon Gas Liquids	**576**	**–**	**576**	**2,229**	**67**	**871**	**3,167**
Natural Gas Liquids	576	–	576	2,229	67	871	3,167
Normal Butane	279	–	279	874	–	96	970
Isobutane	297	–	297	1,031	67	532	1,630
Natural Gasoline	–	–	–	324	–	243	567
Other Liquids	**-8,533**	**86**	**-8,447**	**-38,350**	**-5,489**	**-11,253**	**-55,092**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	178	164	342	1,077	407	370	1,854
Hydrogen	110	13	123	787	233	230	1,250
Oxygenates (excluding Fuel Ethanol)	– –	– –	– –	– –	– –	– –	– –
Methyl Tertiary Butyl Ether (MTBE)	– –	– –	– –	– –	– –	– –	– –
All Other Oxygenates[1]	– –	– –	– –	– –	– –	– –	– –
Renewable Fuels (including Fuel Ethanol)	68	151	219	264	174	140	578
Fuel Ethanol	68	127	195	178	160	121	459
Renewable Diesel Fuel[2]	–	24	24	86	14	19	119
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	26	–	–	26
Unfinished Oils (net)	3,370	-78	3,292	-1,342	-438	580	-1,200
Naphthas and Lighter	1,024	-46	978	507	-176	-58	273
Kerosene and Light Gas Oils	1,317	–	1,317	-1,128	-158	151	-1,135
Heavy Gas Oils	919	-33	886	-366	-104	542	72
Residuum	110	1	111	-355	–	-55	-410
Motor Gasoline Blend.Comp. (MGBC)(net)	-12,081	0	-12,081	-38,085	-5,458	-12,203	-55,746
Reformulated - RBOB	-8,455	–	-8,455	-8,065	-252	–	-8,317
Conventional	-3,626	0	-3,626	-30,020	-5,206	-12,203	-47,429
CBOB	-3,353	-15	-3,368	-28,798	-5,206	-12,080	-46,084
GTAB	–	–	–	–	–	–	–
Other	-273	15	-258	-1,222	0	-123	-1,345
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**12,704**	**3,215**	**15,919**	**41,911**	**9,319**	**14,393**	**65,623**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	717	102	818	2,511	486	800	3,797
Operable Capacity (daily average)	1,126	98	1,224	2,703	566	927	4,196
Operable Utilization Rate (percent)[3]	63.7	103.3	66.9	92.9	85.8	86.4	90.5
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	122	16	137	441	70	140	652
Catalytic Cracking	274	15	289	744	107	212	1,062
Catalytic Hydrocracking	43	–	43	181	52	60	293
Delayed and Fluid Coking	61	–	61	350	60	78	488
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.80	1.55	0.90	1.66	1.70	0.67	1.46
API Gravity, Weighted Average (degrees)	36.01	32.58	35.56	33.54	27.88	38.96	33.92
Operable Capacity (daily average)	**1,126**	**98**	**1,224**	**2,703**	**566**	**927**	**4,196**
Operating	791	98	889	2,703	528	927	4,158
Idle	335	–	335	–	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, January 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	**17,171**	**141,546**	**102,379**	**7,302**	**4,147**	**272,545**	**19,304**	**69,970**	**503,157**
Hydrocarbon Gas Liquids	**564**	**5,529**	**4,246**	**48**	**197**	**10,584**	**623**	**3,400**	**18,350**
Natural Gas Liquids	564	5,529	4,246	48	197	10,584	623	3,400	18,350
Normal Butane	351	2,261	1,641	4	–	4,257	282	1,727	7,515
Isobutane	110	2,212	1,189	39	197	3,747	212	839	6,725
Natural Gasoline	103	1,056	1,416	5	–	2,580	129	834	4,110
Other Liquids	**-7,649**	**-53,569**	**-26,077**	**-1,714**	**-1,868**	**-90,877**	**-5,261**	**-33,651**	**-193,328**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	242	2,268	2,003	134	104	4,751	524	1,686	9,157
Hydrogen	3	2,217	1,780	67	42	4,109	228	1,267	6,977
Oxygenates (excluding Fuel Ethanol)	– –	– –	– –	– –	– –	– –	– –	– –	– –
Methyl Tertiary Butyl Ether (MTBE)	– –	– –	– –	– –	– –	– –	– –	– –	– –
All Other Oxygenates[1]	– –	– –	– –	– –	– –	– –	– –	– –	– –
Renewable Fuels (including Fuel Ethanol)	239	51	223	67	62	642	296	419	2,154
Fuel Ethanol	204	45	181	48	51	529	272	95	1,550
Renewable Diesel Fuel[2]	35	6	42	19	11	113	24	324	604
Other Renewable Fuels	–	–	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–	–	26
Unfinished Oils (net)	-283	-4,176	10,486	-83	-10	5,934	-199	916	8,743
Naphthas and Lighter	-141	-6,252	344	-25	14	-6,060	-77	-437	-5,323
Kerosene and Light Gas Oils	-345	-666	1,903	49	-17	924	-280	-148	678
Heavy Gas Oils	326	1,354	4,295	-32	-7	5,936	247	384	7,525
Residuum	-123	1,388	3,944	-75	–	5,134	-89	1,117	5,863
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,639	-51,661	-38,573	-1,765	-1,962	-101,600	-5,586	-36,253	-211,266
Reformulated - RBOB	-484	-14,279	-1,373	–	-835	-16,971	–	-26,899	-60,642
Conventional	-7,155	-37,382	-37,200	-1,765	-1,127	-84,629	-5,586	-9,354	-150,624
CBOB	-7,167	-30,697	-34,691	-1,746	-1,125	-75,426	-5,513	-9,010	-139,401
GTAB	–	–	–	–	–	–	–	–	–
Other	12	-6,685	-2,509	-19	-2	-9,203	-73	-344	-11,223
Aviation Gasoline Blend. Comp. (net)	31	–	7	–	–	38	–	–	38
Total Input to Refineries	**10,086**	**93,506**	**80,548**	**5,636**	**2,476**	**192,252**	**14,666**	**39,719**	**328,179**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	560	4,733	3,506	206	134	9,139	623	2,479	16,857
Operable Capacity (daily average)	742	5,114	3,732	258	137	9,983	696	2,875	18,974
Operable Utilization Rate (percent)[3]	75.5	92.6	93.9	79.8	97.7	91.6	89.6	86.3	88.8
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	127	683	558	36	30	1,434	98	350	2,671
Catalytic Cracking	138	1,184	900	18	32	2,271	167	602	4,392
Catalytic Hydrocracking	32	505	461	17	17	1,032	29	506	1,903
Delayed and Fluid Coking	28	790	537	32	–	1,387	59	400	2,396
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.60	1.33	1.26	1.57	0.92	1.25	1.50	1.60	1.34
API Gravity, Weighted Average (degrees)	39.78	34.08	33.07	29.67	36.27	34.09	32.36	27.85	33.14
Operable Capacity (daily average)	**742**	**5,114**	**3,732**	**258**	**137**	**9,983**	**696**	**2,875**	**18,974**
Operating	742	5,079	3,732	258	137	9,948	686	2,865	18,547
Idle	–	35	–	–	–	35	10	10	427
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**14,787**	**14,787**

– – = 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."