Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, May 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	**15,860**	**2,663**	**18,523**	**61,920**	**13,361**	**20,533**	**95,814**
Hydrocarbon Gas Liquids	**152**	**–**	**152**	**911**	**47**	**554**	**1,512**
Natural Gas Liquids	152	–	152	911	47	554	1,512
Normal Butane	–	–	–	1	–	7	8
Isobutane	152	–	152	850	47	323	1,220
Natural Gasoline	–	–	–	60	–	224	284
Other Liquids	**-6,429**	**118**	**-6,311**	**-26,626**	**-4,150**	**-7,480**	**-38,256**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	140	142	282	861	443	322	1,626
Hydrogen	93	9	102	621	271	183	1,075
Oxygenates (excluding Fuel Ethanol)	– –	– –	– –	– –	– –	– –	– –
Methyl Tertiary Butyl Ether (MTBE)	– –	– –	– –	– –	– –	– –	– –
All Other Oxygenates[1]	– –	– –	– –	– –	– –	– –	– –
Renewable Fuels (including Fuel Ethanol)	47	133	180	227	172	139	538
Fuel Ethanol	47	109	156	161	118	122	401
Renewable Diesel Fuel[2]	–	24	24	66	54	17	137
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	13	–	–	13
Unfinished Oils (net)	2,023	9	2,032	89	-77	1,004	1,016
Naphthas and Lighter	497	63	560	119	-30	281	370
Kerosene and Light Gas Oils	177	–	177	-87	-90	83	-94
Heavy Gas Oils	591	-54	537	230	43	509	782
Residuum	758	0	758	-173	–	131	-42
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,592	-33	-8,625	-27,576	-4,516	-8,806	-40,898
Reformulated - RBOB	-5,467	–	-5,467	-5,724	-160	–	-5,884
Conventional	-3,125	-33	-3,158	-21,852	-4,356	-8,806	-35,014
CBOB	-2,302	-22	-2,324	-21,666	-4,192	-8,847	-34,705
GTAB	–	–	–	–	–	–	–
Other	-823	-11	-834	-186	-164	41	-309
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**9,583**	**2,781**	**12,364**	**36,205**	**9,258**	**13,607**	**59,070**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	529	87	616	1,998	440	663	3,101
Operable Capacity (daily average)	791	98	889	2,703	566	927	4,196
Operable Utilization Rate (percent)[3]	66.9	88.9	69.3	73.9	77.7	71.6	73.9
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	107	16	124	388	62	148	598
Catalytic Cracking	186	14	200	553	133	173	858
Catalytic Hydrocracking	31	–	31	163	60	52	275
Delayed and Fluid Coking	36	–	36	242	31	66	339
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.73	1.56	0.85	1.45	1.96	0.74	1.37
API Gravity, Weighted Average (degrees)	35.11	32.42	34.71	33.90	25.67	38.08	33.58
Operable Capacity (daily average)	**791**	**98**	**889**	**2,703**	**566**	**927**	**4,196**
Operating	791	98	889	2,703	528	927	4,158
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, May 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	**17,127**	**113,235**	**80,520**	**7,677**	**2,460**	**221,019**	**15,070**	**51,266**	**401,692**
Hydrocarbon Gas Liquids	**252**	**3,686**	**2,067**	**33**	**143**	**6,181**	**334**	**1,775**	**9,954**
Natural Gas Liquids	252	3,686	2,067	33	143	6,181	334	1,775	9,954
Normal Butane	24	1,243	464	–	–	1,731	51	365	2,155
Isobutane	191	1,579	947	29	143	2,889	196	771	5,228
Natural Gasoline	37	864	656	4	–	1,561	87	639	2,571
Other Liquids	**-6,999**	**-41,745**	**-23,782**	**-1,852**	**-1,318**	**-75,696**	**-2,905**	**-23,744**	**-146,912**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	211	2,059	1,581	123	61	4,035	416	1,563	7,922
Hydrogen	8	1,962	1,399	63	43	3,475	185	1,226	6,063
Oxygenates (excluding Fuel Ethanol)	– –	– –	– –	– –	– –	– –	– –	– –	– –
Methyl Tertiary Butyl Ether (MTBE)	– –	– –	– –	– –	– –	– –	– –	– –	– –
All Other Oxygenates[1]	– –	– –	– –	– –	– –	– –	– –	– –	– –
Renewable Fuels (including Fuel Ethanol)	203	97	182	60	18	560	231	337	1,846
Fuel Ethanol	162	46	161	42	12	423	194	68	1,242
Renewable Diesel Fuel[2]	41	51	21	18	6	137	37	269	604
Other Renewable Fuels	–	–	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–	–	13
Unfinished Oils (net)	148	-647	3,870	-197	18	3,192	188	1,286	7,714
Naphthas and Lighter	-2	-2,895	-374	-2	-17	-3,290	65	-253	-2,548
Kerosene and Light Gas Oils	212	-324	385	-74	-2	197	-74	-318	-112
Heavy Gas Oils	50	-636	1,001	-50	37	402	246	1,787	3,754
Residuum	-112	3,208	2,858	-71	–	5,883	-49	70	6,620
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,390	-43,157	-29,239	-1,778	-1,397	-82,961	-3,509	-26,593	-162,586
Reformulated - RBOB	-789	-13,328	-3,813	–	-684	-18,614	–	-19,351	-49,316
Conventional	-6,601	-29,829	-25,426	-1,778	-713	-64,347	-3,509	-7,242	-113,270
CBOB	-6,628	-26,943	-24,548	-1,819	-719	-60,657	-3,454	-7,524	-108,664
GTAB	–	–	–	–	–	–	–	–	–
Other	27	-2,886	-878	41	6	-3,690	-55	282	-4,606
Aviation Gasoline Blend. Comp. (net)	32	–	6	–	–	38	–	–	38
Total Input to Refineries	**10,380**	**75,176**	**58,805**	**5,858**	**1,285**	**151,504**	**12,499**	**29,297**	**264,734**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	554	3,820	2,751	217	79	7,423	489	1,796	13,425
Operable Capacity (daily average)	742	5,114	3,732	258	137	9,983	698	2,875	18,641
Operable Utilization Rate (percent)[3]	74.7	74.7	73.7	84.1	57.9	74.4	70.1	62.5	72.0
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	132	519	487	38	16	1,191	80	304	2,297
Catalytic Cracking	150	995	651	17	21	1,833	128	529	3,549
Catalytic Hydrocracking	35	419	345	16	18	833	27	293	1,460
Delayed and Fluid Coking	20	682	428	32	–	1,162	49	292	1,877
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.53	1.74	1.37	1.57	0.84	1.48	1.58	1.29	1.40
API Gravity, Weighted Average (degrees)	40.00	33.73	31.93	30.06	37.77	33.59	32.46	28.32	32.88
Operable Capacity (daily average)	**742**	**5,114**	**3,732**	**258**	**137**	**9,983**	**698**	**2,875**	**18,641**
Operating	742	5,079	3,732	258	110	9,921	653	2,651	18,271
Idle	–	35	–	–	27	62	46	224	370
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**11,671**	**11,671**

– – = 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."