Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2019
(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	**28,329**	**3,075**	**31,404**	**76,479**	**15,811**	**27,948**	**120,238**
Hydrocarbon Gas Liquids	**1,115**	**–**	**1,115**	**2,275**	**75**	**738**	**3,088**
Natural Gas Liquids	1,115	–	1,115	2,275	75	738	3,088
Normal Butane	655	–	655	745	–	97	842
Isobutane	460	–	460	923	75	423	1,421
Natural Gasoline	–	–	–	607	–	218	825
Other Liquids	**-12,752**	**-30**	**-12,782**	**-36,742**	**-6,627**	**-12,642**	**-56,011**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	169	148	317	1,004	392	321	1,717
Hydrogen	103	13	116	719	270	191	1,180
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	66	135	201	261	122	130	513
Fuel Ethanol	66	116	182	162	117	106	385
Renewable Diesel Fuel[2]	–	19	19	99	5	24	128
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	24	–	–	24
Unfinished Oils (net)	2,422	-104	2,318	-32	-159	-105	-296
Naphthas and Lighter	1,290	-82	1,208	519	-122	254	651
Kerosene and Light Gas Oils	405	–	405	-242	-130	-91	-463
Heavy Gas Oils	873	-24	849	-39	93	-147	-93
Residuum	-146	2	-144	-270	–	-121	-391
Motor Gasoline Blend.Comp. (MGBC)(net)	-15,343	-74	-15,417	-37,714	-6,860	-12,858	-57,432
Reformulated - RBOB	-9,920	–	-9,920	-7,646	-312	–	-7,958
Conventional	-5,423	-74	-5,497	-30,068	-6,548	-12,858	-49,474
CBOB	-5,042	-75	-5,117	-28,262	-6,649	-12,960	-47,871
GTAB	–	–	–	–	–	–	–
Other	-381	1	-380	-1,806	101	102	-1,603
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**16,692**	**3,045**	**19,737**	**42,012**	**9,259**	**16,044**	**67,315**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	914	99	1,013	2,460	510	903	3,872
Operable Capacity (daily average)	1,126	98	1,224	2,678	547	917	4,141
Operable Utilization Rate (percent)[3]	81.2	101.1	82.8	91.9	93.3	98.5	93.5
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	163	16	179	455	71	166	692
Catalytic Cracking	351	18	369	717	145	217	1,079
Catalytic Hydrocracking	34	–	34	179	53	56	288
Delayed and Fluid Coking	59	–	59	316	60	92	468
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.73	1.62	0.81	1.57	1.83	0.65	1.39
API Gravity, Weighted Average (degrees)	34.43	32.27	34.22	32.37	28.24	38.50	33.19
Operable Capacity (daily average)	**1,126**	**98**	**1,224**	**2,678**	**547**	**917**	**4,141**
Operating	1,126	98	1,224	2,650	509	917	4,076
Idle	–	–	–	28	38	–	66
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 2019
(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	**20,045**	**136,557**	**107,323**	**6,842**	**3,918**	**274,685**	**19,627**	**74,384**	**520,338**
Hydrocarbon Gas Liquids	**902**	**4,476**	**4,496**	**39**	**174**	**10,087**	**702**	**3,198**	**18,190**
Natural Gas Liquids	902	4,476	4,496	39	174	10,087	702	3,198	18,190
Normal Butane	458	2,229	1,932	–	–	4,619	394	1,731	8,241
Isobutane	303	1,621	1,637	36	174	3,771	195	676	6,523
Natural Gasoline	141	626	927	3	–	1,697	113	791	3,426
Other Liquids	**-9,351**	**-48,382**	**-31,027**	**-1,569**	**-1,539**	**-91,868**	**-5,608**	**-34,528**	**-200,797**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	293	2,468	2,035	153	117	5,066	504	1,434	9,038
Hydrogen	12	2,411	1,735	104	50	4,312	195	1,098	6,901
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	281	57	300	49	67	754	309	336	2,113
Fuel Ethanol	221	45	172	30	56	524	286	98	1,475
Renewable Diesel Fuel[2]	60	12	128	19	11	230	23	238	638
Other Renewable Fuels	–	–	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–	–	24
Unfinished Oils (net)	-971	-4,257	7,020	-141	-106	1,545	-651	1,736	4,652
Naphthas and Lighter	-131	-6,378	-203	-29	-52	-6,793	-52	-799	-5,785
Kerosene and Light Gas Oils	-6	-665	957	2	-47	241	-300	336	219
Heavy Gas Oils	-923	2,313	5,813	-50	-7	7,146	-216	1,883	9,569
Residuum	89	473	453	-64	–	951	-83	316	649
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,672	-46,593	-40,075	-1,581	-1,550	-98,471	-5,461	-37,698	-214,479
Reformulated - RBOB	-1,244	-12,660	-2,322	–	-716	-16,942	–	-27,514	-62,334
Conventional	-7,428	-33,933	-37,753	-1,581	-834	-81,529	-5,461	-10,184	-152,145
CBOB	-7,240	-30,658	-36,620	-1,537	-896	-76,951	-5,490	-9,638	-145,067
GTAB	–	–	–	–	–	–	–	–	–
Other	-188	-3,275	-1,133	-44	62	-4,578	29	-546	-7,078
Aviation Gasoline Blend. Comp. (net)	-1	–	-7	–	–	-8	–	–	-8
Total Input to Refineries	**11,596**	**92,651**	**80,792**	**5,312**	**2,553**	**192,904**	**14,721**	**43,054**	**337,731**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	646	4,479	3,569	195	136	9,025	634	2,554	17,098
Operable Capacity (daily average)	745	5,007	3,690	256	136	9,835	687	2,875	18,762
Operable Utilization Rate (percent)[3]	86.7	89.5	96.7	76.2	99.7	91.8	92.3	88.8	91.1
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	143	600	563	31	29	1,367	99	380	2,717
Catalytic Cracking	132	1,265	973	14	34	2,419	157	633	4,656
Catalytic Hydrocracking	49	526	424	18	17	1,034	23	468	1,847
Delayed and Fluid Coking	22	747	505	28	–	1,301	59	422	2,309
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.56	1.51	1.37	1.51	0.72	1.37	1.39	1.31	1.33
API Gravity, Weighted Average (degrees)	40.05	32.70	31.74	30.54	39.48	32.92	33.66	28.30	32.39
Operable Capacity (daily average)	**745**	**5,007**	**3,690**	**256**	**136**	**9,835**	**687**	**2,875**	**18,762**
Operating	745	5,007	3,690	256	136	9,835	677	2,875	18,686
Idle	–	–	–	–	–	–	10	–	75
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**15,923**	**15,923**

– = 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."