Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2017
(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	**31,292**	**2,128**	**33,420**	**76,818**	**15,283**	**27,543**	**119,644**
Hydrocarbon Gas Liquids	**389**	**–**	**389**	**1,644**	**54**	**832**	**2,530**
Natural Gas Liquids	389	–	389	1,644	54	832	2,530
Normal Butane	5	–	5	15	1	18	34
Isobutane	384	–	384	1,120	53	390	1,563
Natural Gasoline	–	–	–	509	–	424	933
Other Liquids	**-13,654**	**15**	**-13,639**	**-34,576**	**-5,577**	**-11,115**	**-51,268**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	173	66	239	940	387	284	1,611
Hydrogen	98	2	100	675	201	180	1,056
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	75	64	139	218	186	104	508
Fuel Ethanol	75	52	127	138	152	99	389
Renewable Diesel Fuel	–	12	12	80	34	5	119
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	47	–	–	47
Unfinished Oils (net)	1,742	-52	1,690	-102	-359	-112	-573
Naphthas and Lighter	811	-22	789	621	-143	-41	437
Kerosene and Light Gas Oils	-107	–	-107	41	-88	67	20
Heavy Gas Oils	908	-28	880	-378	-129	-147	-654
Residuum	130	-2	128	-386	1	9	-376
Motor Gasoline Blend.Comp. (MGBC)(net)	-15,569	1	-15,568	-35,414	-5,605	-11,287	-52,306
Reformulated - RBOB	-9,671	–	-9,671	-9,136	-80	-50	-9,266
Conventional	-5,898	1	-5,897	-26,278	-5,525	-11,237	-43,040
CBOB	-5,958	-4	-5,962	-26,276	-5,432	-11,120	-42,828
GTAB	–	–	–	–	–	–	–
Other	60	5	65	-2	-93	-117	-212
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**18,027**	**2,143**	**20,170**	**43,886**	**9,760**	**17,260**	**70,906**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,009	69	1,079	2,474	494	890	3,858
Operable Capacity (daily average)	1,083	98	1,182	2,607	520	884	4,011
Operable Utilization Rate (percent)[2]	93.2	70.5	91.3	94.9	95.0	100.7	96.2
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	185	12	197	497	84	166	747
Catalytic Cracking	391	9	400	778	137	217	1,132
Catalytic Hydrocracking	34	–	34	217	56	60	334
Delayed and Fluid Coking	47	–	47	342	50	92	484
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.81	1.50	0.85	1.63	1.88	0.77	1.46
API Gravity, Weighted Average (degrees)	35.00	33.56	34.91	34.07	29.60	37.48	34.24
Operable Capacity (daily average)	**1,083**	**98**	**1,182**	**2,607**	**520**	**884**	**4,011**
Operating	1,083	98	1,182	2,585	520	884	3,989
Idle	–	–	–	22	–	–	22
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, July 2017
(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	**21,972**	**143,878**	**109,002**	**6,988**	**4,220**	**286,060**	**20,123**	**77,608**	**536,855**
Hydrocarbon Gas Liquids	**333**	**4,521**	**2,819**	**42**	**188**	**7,903**	**515**	**1,768**	**13,105**
Natural Gas Liquids	333	4,521	2,819	42	188	7,903	515	1,768	13,105
Normal Butane	90	859	267	–	–	1,216	105	512	1,872
Isobutane	103	1,944	1,775	41	188	4,051	225	720	6,943
Natural Gasoline	140	1,718	777	1	–	2,636	185	536	4,290
Other Liquids	**-8,168**	**-52,427**	**-31,288**	**-1,486**	**-1,543**	**-94,912**	**-4,981**	**-33,177**	**-197,977**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	262	2,457	2,140	107	104	5,070	557	1,619	9,096
Hydrogen	17	2,396	1,859	64	45	4,381	204	1,266	7,007
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	245	61	281	43	59	689	353	353	2,042
Fuel Ethanol	203	49	183	31	59	525	302	90	1,433
Renewable Diesel Fuel	42	12	98	12	–	164	51	258	604
Other Renewable Fuels	–	–	–	–	–	–	–	5	5
Other Hydrocarbons	–	–	–	–	–	–	–	–	47
Unfinished Oils (net)	56	-955	8,448	-20	36	7,565	-185	2,949	11,446
Naphthas and Lighter	-204	-5,050	-733	17	18	-5,952	-125	639	-4,212
Kerosene and Light Gas Oils	170	-2,829	929	-24	16	-1,738	-394	-447	-2,666
Heavy Gas Oils	38	5,996	7,169	-4	2	13,201	263	2,003	15,693
Residuum	52	928	1,083	-9	–	2,054	71	754	2,631
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,486	-53,929	-41,878	-1,573	-1,683	-107,549	-5,353	-37,745	-218,521
Reformulated - RBOB	-1,187	-15,673	-6,961	–	-954	-24,775	–	-28,340	-72,052
Conventional	-7,299	-38,256	-34,917	-1,573	-729	-82,774	-5,353	-9,405	-146,469
CBOB	-7,330	-32,662	-32,322	-1,507	-759	-74,580	-5,366	-10,436	-139,172
GTAB	–	–	–	–	–	–	–	–	–
Other	31	-5,594	-2,595	-66	30	-8,194	13	1,031	-7,297
Aviation Gasoline Blend. Comp. (net)	–	–	2	–	–	2	–	–	2
Total Input to Refineries	**14,137**	**95,972**	**80,533**	**5,544**	**2,865**	**199,051**	**15,657**	**46,199**	**351,983**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	698	4,726	3,647	216	136	9,422	646	2,638	17,644
Operable Capacity (daily average)	731	4,944	3,696	256	124	9,752	692	2,933	18,569
Operable Utilization Rate (percent)[2]	95.5	95.6	98.7	84.1	110.2	96.6	93.4	90.0	95.0
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	159	716	612	34	29	1,550	93	446	3,034
Catalytic Cracking	187	1,413	1,100	19	32	2,752	183	715	5,181
Catalytic Hydrocracking	47	526	458	14	18	1,063	24	476	1,931
Delayed and Fluid Coking	30	812	581	15	–	1,438	70	462	2,501
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.62	1.61	1.50	1.52	0.71	1.48	1.42	1.26	1.40
API Gravity, Weighted Average (degrees)	39.10	31.79	31.08	32.38	39.62	32.19	33.54	28.67	32.34
Operable Capacity (daily average)	**731**	**4,944**	**3,696**	**256**	**124**	**9,752**	**692**	**2,933**	**18,569**
Operating	731	4,944	3,696	256	124	9,752	682	2,697	18,302
Idle	–	–	–	–	–	–	10	235	267
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**15,150**	**15,150**

– = 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] 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."