

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2018
(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	26,870	1,643	28,513	73,099	16,552	25,258	114,909
Hydrocarbon Gas Liquids	861	-	861	1,661	49	835	2,545
Natural Gas Liquids	861	-	861	1,661	49	835	2,545
Normal Butane	404	-	404	174	-	13	187
Isobutane	457	-	457	1,176	49	497	1,722
Natural Gasoline	-	-	-	311	-	325	636
Other Liquids	-13,517	83	-13,434	-34,071	-6,766	-11,160	-51,997
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	165	57	222	966	457	322	1,745
Hydrogen	84	8	92	621	288	195	1,104
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	81	49	130	294	169	127	590
Fuel Ethanol	81	39	120	180	110	121	411
Renewable Diesel Fuel	-	10	10	114	59	6	179
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	51	-	-	51
Unfinished Oils (net)	-501	-102	-603	104	-464	485	125
Naphthas and Lighter	398	-16	382	476	-188	200	488
Kerosene and Light Gas Oils	-234	-	-234	18	-153	-128	-263
Heavy Gas Oils	-746	-82	-828	91	-122	341	310
Residuum	81	-4	77	-481	-1	72	-410
Motor Gasoline Blend.Comp. (MGBC)(net)	-13,181	128	-13,053	-35,141	-6,759	-11,967	-53,867
Reformulated - RBOB	-8,716	-	-8,716	-7,853	-327	-80	-8,260
Conventional	-4,465	128	-4,337	-27,288	-6,432	-11,887	-45,607
CBOB	-4,679	126	-4,553	-26,304	-6,367	-11,805	-44,476
GTAB	-	-	-	-	-	-	-
Other	214	2	216	-984	-65	-82	-1,131
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	14,214	1,726	15,940	40,689	9,835	14,933	65,457
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	867	54	920	2,333	533	816	3,682
Operable Capacity (daily average)	1,125	98	1,224	2,640	540	912	4,092
Operable Utilization Rate (percent) ²	77.0	54.6	75.2	88.4	98.7	89.5	90.0
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	160	9	169	431	72	161	664
Catalytic Cracking	267	4	271	708	147	220	1,074
Catalytic Hydrocracking	25	-	25	143	60	62	265
Delayed and Fluid Coking	49	-	49	292	72	86	450
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.64	1.08	0.66	1.52	1.97	0.88	1.45
API Gravity, Weighted Average (degrees)	36.75	35.94	36.70	33.23	27.75	37.51	33.32
Operable Capacity (daily average)	1,125	98	1,224	2,640	540	912	4,092
Operating	1,125	98	1,224	2,613	540	912	4,065
Idle	-	-	-	28	-	-	28
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 2018
(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	17,058	144,645	101,935	7,432	3,947	275,017	19,058	79,127	516,624
Hydrocarbon Gas Liquids	228	3,867	3,928	53	178	8,254	519	2,713	14,892
Natural Gas Liquids	228	3,867	3,928	53	178	8,254	519	2,713	14,892
Normal Butane	83	993	768	—	—	1,844	160	904	3,499
Isobutane	75	1,975	1,668	51	170	3,939	247	844	7,209
Natural Gasoline	70	899	1,492	2	8	2,471	112	965	4,184
Other Liquids	-6,460	-56,185	-28,804	-1,749	-1,458	-94,656	-4,697	-36,362	-201,146
Hydrogen/Oxygenates/Renewables/									
Other Hydrocarbons	305	2,295	2,139	167	110	5,016	534	1,640	9,157
Hydrogen	30	2,225	1,774	76	47	4,152	219	1,318	6,885
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	275	70	365	91	63	864	315	322	2,221
Fuel Ethanol	215	51	186	28	50	530	279	91	1,431
Renewable Diesel Fuel	60	19	179	63	13	334	36	231	790
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	51
Unfinished Oils (net)	604	-6,125	5,776	-103	-101	51	-117	-662	-1,206
Naphthas and Lighter	577	-7,669	-851	29	-23	-7,937	-28	-1,049	-8,144
Kerosene and Light Gas Oils	66	-1,913	1,652	-104	-111	-410	-301	-666	-1,874
Heavy Gas Oils	-145	3,266	3,942	-26	33	7,070	220	885	7,657
Residuum	106	191	1,033	-2	—	1,328	-8	168	1,155
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,369	-52,355	-36,712	-1,813	-1,467	-99,716	-5,114	-37,340	-209,090
Reformulated - RBOB	-1,592	-13,929	-2,937	—	-759	-19,217	—	-27,451	-63,644
Conventional	-5,777	-38,426	-33,775	-1,813	-708	-80,499	-5,114	-9,889	-145,446
CBOB	-6,221	-32,836	-31,621	-1,797	-777	-73,252	-5,470	-10,284	-138,035
GTAB	—	—	—	—	—	—	—	—	—
Other	444	-5,590	-2,154	-16	69	-7,247	356	395	-7,411
Aviation Gasoline Blend. Comp. (net)	0	—	-7	—	—	-7	—	—	-7
Total Input to Refineries	10,826	92,327	77,059	5,736	2,667	188,615	14,880	45,478	330,370
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	552	4,726	3,398	212	127	9,014	630	2,716	16,963
Operable Capacity (daily average)	747	4,955	3,658	256	137	9,752	683	2,838	18,588
Operable Utilization Rate (percent) ²	73.9	95.4	92.9	82.6	93.2	92.4	92.4	95.7	91.3
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	119	556	497	34	22	1,229	86	392	2,540
Catalytic Cracking	127	1,389	989	18	34	2,557	166	761	4,829
Catalytic Hydrocracking	50	474	444	15	18	1,001	25	457	1,774
Delayed and Fluid Coking	4	765	545	25	—	1,339	65	477	2,381
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.44	1.71	1.51	1.49	0.71	1.53	1.52	1.42	1.45
API Gravity, Weighted Average (degrees)	40.97	31.65	30.42	31.78	39.41	31.93	32.70	28.06	31.89
Operable Capacity (daily average)	747	4,955	3,658	256	137	9,752	683	2,838	18,588
Operating	747	4,955	3,658	256	137	9,752	673	2,838	18,551
Idle	—	—	—	—	—	—	10	—	37
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	15,253	15,253

— = 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."