Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2015
(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	**33,132**	**2,893**	**36,025**	**70,518**	**14,592**	**21,491**	**106,601**
Natural Gas Plant Liquids	**1,159**	**–**	**1,159**	**2,142**	**162**	**707**	**3,011**
Pentanes Plus	–	–	–	86	–	310	396
Liquefied Petroleum Gases	1,159	–	1,159	2,056	162	397	2,615
Normal Butane	808	–	808	953	112	24	1,089
Isobutane	351	–	351	1,103	50	373	1,526
Other Liquids	**-15,131**	**30**	**-15,101**	**-33,200**	**-6,108**	**-10,468**	**-49,776**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	252	138	390	960	409	191	1,560
Hydrogen	107	27	134	703	247	108	1,058
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	145	111	256	230	162	83	475
Fuel Ethanol	65	102	167	158	145	78	381
Renewable Diesel Fuel	80	9	89	72	17	5	94
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	27	–	–	27
Unfinished Oils (net)	1,325	-100	1,225	769	-253	-343	173
Naphthas and Lighter	707	-62	645	601	-82	206	725
Kerosene and Light Gas Oils	-134	–	-134	167	-134	-294	-261
Heavy Gas Oils	630	-34	596	830	-37	-138	655
Residuum	122	-4	118	-829	–	-117	-946
Motor Gasoline Blend.Comp. (MGBC)(net)	-16,708	-8	-16,716	-34,929	-6,264	-10,316	-51,509
Reformulated - RBOB	-10,409	–	-10,409	-8,421	-489	-317	-9,227
Conventional	-6,299	-8	-6,307	-26,508	-5,775	-9,999	-42,282
CBOB	-5,315	-5	-5,320	-26,313	-5,803	-9,972	-42,088
GTAB	–	–	–	–	–	–	–
Other	-984	-3	-987	-195	28	-27	-194
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**19,160**	**2,923**	**22,083**	**39,460**	**8,646**	**11,730**	**59,836**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,094	96	1,190	2,349	487	718	3,554
Operable Capacity (daily average)	1,174	98	1,273	2,536	491	850	3,878
Operable Utilization Rate (percent)[2]	93.2	97.4	93.5	92.6	99.1	84.5	91.6
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	176	16	192	428	78	128	634
Catalytic Cracking	417	17	433	752	133	190	1,075
Catalytic Hydrocracking	37	–	37	157	48	55	260
Delayed and Fluid Coking	60	–	60	324	59	76	459
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.68	1.61	0.75	1.69	2.04	0.70	1.54
API Gravity, Weighted Average (degrees)	33.53	32.19	33.42	32.00	30.47	37.12	32.82
Operable Capacity (daily average)	**1,174**	**98**	**1,273**	**2,536**	**491**	**850**	**3,878**
Operating	1,142	98	1,241	2,487	491	785	3,763
Idle	32	–	32	49	–	65	114
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, November 2015
(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	**20,971**	**128,723**	**100,472**	**6,977**	**3,823**	**260,966**	**18,127**	**72,963**	**494,682**
Natural Gas Plant Liquids	**437**	**4,765**	**4,886**	**162**	**165**	**10,415**	**724**	**2,377**	**17,686**
Pentanes Plus	166	1,090	1,199	14	1	2,470	158	873	3,897
Liquefied Petroleum Gases	271	3,675	3,687	148	164	7,945	566	1,504	13,789
Normal Butane	30	1,771	2,025	93	–	3,919	301	976	7,093
Isobutane	241	1,904	1,662	55	164	4,026	265	528	6,696
Other Liquids	**-8,492**	**-43,525**	**-32,507**	**-1,979**	**-1,664**	**-88,167**	**-4,126**	**-33,637**	**-190,807**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	269	2,248	1,841	134	96	4,588	529	1,483	8,550
Hydrogen	23	2,169	1,591	67	50	3,900	194	1,239	6,525
Oxygenates (excluding Fuel Ethanol)	–	24	–	–	–	24	–	–	24
Methyl Tertiary Butyl Ether (MTBE)	–	24	–	–	–	24	–	–	24
All Other Oxygenates[1]	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	246	55	237	67	46	651	335	244	1,961
Fuel Ethanol	189	43	116	33	46	427	314	90	1,379
Renewable Diesel Fuel	57	12	121	34	–	224	21	154	582
Other Renewable Fuels	–	–	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	13	–	–	13	–	–	40
Unfinished Oils (net)	-200	1,216	7,542	15	-169	8,404	-260	-1,701	7,841
Naphthas and Lighter	-155	-1,941	-1,467	46	-83	-3,600	-9	8	-2,231
Kerosene and Light Gas Oils	33	-2,470	-119	-26	-44	-2,626	-215	669	-2,567
Heavy Gas Oils	-74	6,047	5,091	40	-42	11,062	-97	-2,551	9,665
Residuum	-4	-420	4,037	-45	–	3,568	61	173	2,974
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,560	-46,989	-41,892	-2,128	-1,591	-101,160	-4,395	-33,419	-207,199
Reformulated - RBOB	-1,156	-15,304	-2,974	–	-850	-20,284	–	-26,010	-65,930
Conventional	-7,404	-31,685	-38,918	-2,128	-741	-80,876	-4,395	-7,409	-141,269
CBOB	-7,127	-26,930	-36,879	-2,066	-795	-73,797	-4,657	-8,290	-134,152
GTAB	–	–	–	–	–	–	–	–	–
Other	-277	-4,755	-2,039	-62	54	-7,079	262	881	-7,117
Aviation Gasoline Blend. Comp. (net)	-1	–	2	–	–	1	–	–	1
Total Input to Refineries	**12,916**	**89,963**	**72,851**	**5,160**	**2,324**	**183,214**	**14,725**	**41,703**	**321,561**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	690	4,268	3,466	210	127	8,762	602	2,566	16,673
Operable Capacity (daily average)	698	4,688	3,681	243	128	9,437	651	2,933	18,172
Operable Utilization Rate (percent)[2]	98.9	91.0	94.2	86.5	100.0	92.8	92.5	87.5	91.8
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	136	673	546	34	24	1,412	97	413	2,748
Catalytic Cracking	183	1,356	1,048	19	36	2,642	169	511	4,831
Catalytic Hydrocracking	40	481	461	16	–	998	8	503	1,806
Delayed and Fluid Coking	32	822	578	24	–	1,456	74	461	2,509
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.98	1.74	1.46	1.53	0.58	1.55	1.35	1.28	1.44
API Gravity, Weighted Average (degrees)	39.65	30.40	30.88	33.02	38.91	31.56	33.62	29.10	31.67
Operable Capacity (daily average)	**698**	**4,688**	**3,681**	**243**	**128**	**9,437**	**651**	**2,933**	**18,172**
Operating	698	4,641	3,681	243	128	9,391	647	2,804	17,846
Idle	–	46	–	–	–	46	4	130	326
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**12,927**	**12,927**

– = 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."