Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2013
(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	**24,477**	**3,040**	**27,517**	**68,153**	**13,949**	**25,275**	**107,377**
Natural Gas Plant Liquids	**486**	**–**	**486**	**1,691**	**38**	**833**	**2,562**
Pentanes Plus	–	–	–	139	–	359	498
Liquefied Petroleum Gases	486	–	486	1,552	38	474	2,064
Normal Butane	188	–	188	508	–	40	548
Isobutane	298	–	298	1,044	38	434	1,516
Other Liquids	**-11,939**	**44**	**-11,895**	**-29,053**	**-4,599**	**-2,365**	**-36,017**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	91	140	231	811	200	209	1,220
Hydrogen	29	23	52	520	67	144	731
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	62	117	179	245	133	65	443
Fuel Ethanol	62	96	158	148	115	60	323
Renewable Diesel Fuel	–	21	21	97	18	5	120
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	46	–	–	46
Unfinished Oils (net)	103	-66	37	-601	-423	-155	-1,179
Naphthas and Lighter	260	-8	252	-234	18	20	-196
Kerosene and Light Gas Oils	-677	–	-677	-448	38	-59	-469
Heavy Gas Oils	480	-60	420	779	-479	303	603
Residuum	40	2	42	-698	–	-419	-1,117
Motor Gasoline Blend.Comp. (MGBC)(net)	-12,133	-30	-12,163	-29,263	-4,376	-2,419	-36,058
Reformulated - RBOB	-7,222	–	-7,222	-8,035	-447	–	-8,482
Conventional	-4,911	-30	-4,941	-21,228	-3,929	-2,419	-27,576
CBOB	-4,373	-84	-4,457	-20,675	-3,823	-2,405	-26,903
GTAB	–	–	–	–	–	–	–
Other	-538	54	-484	-553	-106	-14	-673
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**13,024**	**3,084**	**16,108**	**40,791**	**9,388**	**23,743**	**73,922**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	805	98	904	2,200	452	817	3,469
Operable Capacity (daily average)	1,198	99	1,297	2,454	455	860	3,769
Operable Utilization Rate (percent)[2]	67.2	99.5	69.7	89.7	99.5	94.9	92.0
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	119	15	134	377	64	173	613
Catalytic Cracking	270	16	286	732	110	207	1,050
Catalytic Hydrocracking	17	–	17	167	39	53	259
Delayed and Fluid Coking	17	–	17	296	51	76	423
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.62	1.67	0.73	1.58	1.93	0.93	1.47
API Gravity, Weighted Average (degrees)	35.57	31.97	35.19	31.98	29.29	36.67	32.72
Operable Capacity (daily average)	**1,198**	**99**	**1,297**	**2,454**	**455**	**860**	**3,769**
Operating	1,170	99	1,269	2,432	455	848	3,735
Idle	28	–	28	22	–	12	34
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, October 2013
(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	**19,005**	**125,164**	**83,482**	**6,270**	**3,400**	**237,321**	**17,787**	**74,640**	**464,642**
Natural Gas Plant Liquids	**461**	**5,044**	**4,396**	**95**	**112**	**10,108**	**438**	**2,024**	**15,618**
Pentanes Plus	179	1,777	1,509	15	–	3,480	161	579	4,718
Liquefied Petroleum Gases	282	3,267	2,887	80	112	6,628	277	1,445	10,900
Normal Butane	135	1,542	1,427	–	–	3,104	137	807	4,784
Isobutane	147	1,725	1,460	80	112	3,524	140	638	6,116
Other Liquids	**-5,796**	**-42,276**	**-24,797**	**-1,271**	**-605**	**-74,745**	**-1,449**	**-27,006**	**-151,112**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	238	2,547	1,592	190	72	4,639	497	1,602	8,189
Hydrogen	21	2,396	1,427	152	38	4,034	161	1,278	6,256
Oxygenates (excluding Fuel Ethanol)	–	60	–	–	–	60	–	–	60
Methyl Tertiary Butyl Ether (MTBE)	–	60	–	–	–	60	–	–	60
All Other Oxygenates[1]	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	217	91	165	38	34	545	336	324	1,827
Fuel Ethanol	166	51	147	22	34	420	313	143	1,357
Renewable Diesel Fuel	51	39	17	15	–	122	23	181	467
Other Renewable Fuels	–	1	1	1	–	3	–	–	3
Other Hydrocarbons	–	–	–	–	–	–	–	–	46
Unfinished Oils (net)	-682	4,582	9,354	94	-41	13,307	-114	2,865	14,916
Naphthas and Lighter	-186	-1,602	124	47	-18	-1,635	-6	-110	-1,695
Kerosene and Light Gas Oils	-49	-1,151	695	-5	-15	-525	-221	-213	-2,105
Heavy Gas Oils	-171	5,802	6,215	100	-8	11,938	101	2,062	15,124
Residuum	-276	1,533	2,320	-48	–	3,529	12	1,126	3,592
Motor Gasoline Blend.Comp. (MGBC)(net)	-5,347	-49,405	-35,743	-1,555	-636	-92,686	-1,832	-31,473	-174,212
Reformulated - RBOB	-638	-15,966	-2,831	–	-595	-20,030	–	-26,606	-62,340
Conventional	-4,709	-33,439	-32,912	-1,555	-41	-72,656	-1,832	-4,867	-111,872
CBOB	-4,540	-27,686	-31,334	-639	-14	-64,213	-1,713	-4,048	-101,334
GTAB	–	–	–	–	–	–	–	–	–
Other	-169	-5,753	-1,578	-916	-27	-8,443	-119	-819	-10,538
Aviation Gasoline Blend. Comp. (net)	-5	–	–	–	–	-5	–	–	-5
Total Input to Refineries	**13,670**	**87,932**	**63,081**	**5,094**	**2,907**	**172,684**	**16,776**	**49,658**	**329,148**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	613	4,159	2,854	181	110	7,917	577	2,616	15,482
Operable Capacity (daily average)	670	4,449	3,605	243	127	9,093	630	3,029	17,818
Operable Utilization Rate (percent)[2]	91.5	93.5	79.2	74.5	86.7	87.1	91.6	86.4	86.9
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	130	612	487	29	23	1,282	100	380	2,509
Catalytic Cracking	142	1,371	939	17	29	2,499	162	706	4,704
Catalytic Hydrocracking	53	525	352	16	–	947	25	435	1,682
Delayed and Fluid Coking	24	784	450	23	–	1,280	69	488	2,276
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.59	1.72	1.52	1.79	0.98	1.54	1.42	1.38	1.45
API Gravity, Weighted Average (degrees)	36.74	29.05	30.41	29.76	35.77	30.30	34.26	27.71	30.87
Operable Capacity (daily average)	**670**	**4,449**	**3,605**	**243**	**127**	**9,093**	**630**	**3,029**	**17,818**
Operating	670	4,449	3,605	243	127	9,093	583	2,896	17,576
Idle	–	–	–	–	–	–	47	133	242
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**15,120**	**15,120**

– = 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."