Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2012
(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	**28,179**	**2,902**	**31,081**	**65,560**	**14,014**	**23,782**	**103,356**
Natural Gas Plant Liquids	**554**	**–**	**554**	**2,973**	**136**	**870**	**3,979**
Pentanes Plus	–	–	–	854	–	367	1,221
Liquefied Petroleum Gases	554	–	554	2,119	136	503	2,758
Normal Butane	265	–	265	1,124	99	70	1,293
Isobutane	289	–	289	995	37	433	1,465
Other Liquids	**-8,759**	**50**	**-8,709**	**-27,388**	**-2,420**	**-670**	**-30,478**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	268	125	393	688	307	260	1,255
Hydrogen	118	18	136	402	89	161	652
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	150	107	257	235	218	99	552
Fuel Ethanol	150	97	247	165	196	93	454
Renewable Diesel Fuel	–	10	10	70	22	6	98
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	51	–	–	51
Unfinished Oils (net)	4,336	-91	4,245	-890	-80	-146	-1,116
Naphthas and Lighter	946	-28	918	395	-151	-88	156
Kerosene and Light Gas Oils	-452	–	-452	-78	-38	-84	-200
Heavy Gas Oils	1,437	-62	1,375	-101	111	104	114
Residuum	2,405	-1	2,404	-1,106	-2	-78	-1,186
Motor Gasoline Blend.Comp. (MGBC)(net)	-13,363	16	-13,347	-27,186	-2,650	-784	-30,620
Reformulated - RBOB	-10,809	–	-10,809	-7,572	-432	–	-8,004
Conventional	-2,554	16	-2,538	-19,614	-2,218	-784	-22,616
CBOB	-2,608	22	-2,586	-20,351	-2,379	-650	-23,380
GTAB	–	–	–	–	–	–	–
Other	54	-6	48	737	161	-134	764
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	3	–	3
Total Input to Refineries	**19,974**	**2,952**	**22,926**	**41,145**	**11,730**	**23,982**	**76,857**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	952	94	1,046	2,098	453	774	3,325
Operable Capacity (daily average)	1,198	95	1,293	2,414	449	860	3,723
Operable Utilization Rate (percent)[2]	79.5	98.5	80.9	86.9	100.9	90.0	89.3
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	151	16	167	426	64	154	645
Catalytic Cracking	443	15	459	644	144	202	991
Catalytic Hydrocracking	27	–	27	159	43	44	246
Delayed and Fluid Coking	61	–	61	229	63	86	378
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.78	1.64	0.86	1.20	2.08	0.95	1.26
API Gravity, Weighted Average (degrees)	33.21	32.33	33.12	33.50	28.64	36.23	33.47
Operable Capacity (daily average)	**1,198**	**95**	**1,293**	**2,414**	**449**	**860**	**3,723**
Operating	1,170	95	1,265	2,387	449	778	3,614
Idle	28	–	28	28	–	82	110
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 2012
(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	**16,885**	**113,322**	**99,633**	**5,852**	**3,363**	**239,055**	**16,272**	**70,705**	**460,469**
Natural Gas Plant Liquids	**505**	**4,979**	**4,267**	**52**	**120**	**9,923**	**620**	**2,511**	**17,587**
Pentanes Plus	193	1,589	1,651	39	17	3,489	205	704	5,619
Liquefied Petroleum Gases	312	3,390	2,616	13	103	6,434	415	1,807	11,968
Normal Butane	151	1,809	887	–	–	2,847	225	969	5,599
Isobutane	161	1,581	1,729	13	103	3,587	190	838	6,369
Other Liquids	**-4,408**	**-35,306**	**-33,817**	**-1,245**	**-549**	**-75,325**	**-1,076**	**-27,788**	**-143,376**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	196	2,276	1,607	181	74	4,334	460	1,464	7,906
Hydrogen	21	2,140	1,445	154	36	3,796	173	1,305	6,062
Oxygenates (excluding Fuel Ethanol)	–	70	–	–	–	70	–	–	70
Methyl Tertiary Butyl Ether (MTBE)	–	70	–	–	–	70	–	–	70
All Other Oxygenates[1]	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	175	66	162	27	38	468	287	159	1,723
Fuel Ethanol	125	51	147	24	38	385	269	154	1,509
Renewable Diesel Fuel	50	15	15	3	–	83	18	5	214
Other Renewable Fuels	–	–	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–	–	51
Unfinished Oils (net)	209	4,738	5,992	92	65	11,096	-653	3,338	16,910
Naphthas and Lighter	248	-1,987	-808	76	69	-2,402	-164	225	-1,267
Kerosene and Light Gas Oils	203	-388	526	19	-2	358	-229	39	-484
Heavy Gas Oils	-249	5,987	4,507	77	-2	10,320	-117	3,333	15,025
Residuum	7	1,126	1,767	-80	–	2,820	-143	-259	3,636
Motor Gasoline Blend.Comp. (MGBC)(net)	-4,818	-42,320	-41,423	-1,518	-688	-90,767	-883	-32,590	-168,207
Reformulated - RBOB	-556	-17,412	-4,445	–	-576	-22,989	–	-27,141	-68,943
Conventional	-4,262	-24,908	-36,978	-1,518	-112	-67,778	-883	-5,449	-99,264
CBOB	-4,189	-23,729	-34,958	-681	-27	-63,584	-1,045	-4,468	-95,063
GTAB	–	–	–	–	–	–	–	–	–
Other	-73	-1,179	-2,020	-837	-85	-4,194	162	-981	-4,201
Aviation Gasoline Blend. Comp. (net)	5	–	7	–	–	12	–	–	15
Total Input to Refineries	**12,982**	**82,995**	**70,083**	**4,659**	**2,934**	**173,653**	**15,816**	**45,428**	**334,680**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	546	3,670	3,268	178	108	7,771	524	2,482	15,148
Operable Capacity (daily average)	669	4,094	3,578	243	143	8,727	624	3,032	17,400
Operable Utilization Rate (percent)[2]	81.6	89.7	91.4	73.1	75.9	89.1	83.9	81.9	87.1
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	123	608	518	27	23	1,300	87	369	2,568
Catalytic Cracking	145	1,294	1,133	17	27	2,616	142	780	4,987
Catalytic Hydrocracking	47	472	353	17	–	889	12	430	1,605
Delayed and Fluid Coking	9	647	538	12	–	1,207	51	461	2,158
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.63	1.76	1.55	1.33	0.79	1.56	1.42	1.36	1.41
API Gravity, Weighted Average (degrees)	36.70	29.90	30.56	31.07	37.72	30.84	36.74	27.81	31.28
Operable Capacity (daily average)	**669**	**4,094**	**3,578**	**243**	**143**	**8,727**	**624**	**3,032**	**17,400**
Operating	669	4,035	3,398	243	126	8,472	624	2,701	16,676
Idle	–	59	180	–	17	255	–	331	723
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**15,201**	**15,201**

– = 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."