Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 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	**24,334**	**2,786**	**27,120**	**64,062**	**14,031**	**21,489**	**99,582**
Natural Gas Plant Liquids	**435**	**–**	**435**	**2,912**	**132**	**945**	**3,989**
Pentanes Plus	–	–	–	655	–	342	997
Liquefied Petroleum Gases	435	–	435	2,257	132	603	2,992
Normal Butane	234	–	234	1,294	93	154	1,541
Isobutane	201	–	201	963	39	449	1,451
Other Liquids	**-6,933**	**111**	**-6,822**	**-28,904**	**-2,818**	**355**	**-31,367**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	255	136	391	704	273	234	1,211
Hydrogen	112	29	141	431	79	155	665
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	143	107	250	238	194	79	511
Fuel Ethanol	143	95	238	178	173	75	426
Renewable Diesel Fuel	–	12	12	60	21	4	85
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	35	–	–	35
Unfinished Oils (net)	2,390	-47	2,343	-313	47	453	187
Naphthas and Lighter	547	15	562	1,027	48	171	1,246
Kerosene and Light Gas Oils	-146	–	-146	-541	-40	-15	-596
Heavy Gas Oils	1,014	-60	954	302	38	189	529
Residuum	975	-2	973	-1,101	1	108	-992
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,578	22	-9,556	-29,295	-3,138	-332	-32,765
Reformulated - RBOB	-6,671	–	-6,671	-8,569	-454	–	-9,023
Conventional	-2,907	22	-2,885	-20,726	-2,684	-332	-23,742
CBOB	-2,870	6	-2,864	-20,977	-2,555	-488	-24,020
GTAB	229	–	229	–	–	–	–
Other	-266	16	-250	251	-129	156	278
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**17,836**	**2,897**	**20,733**	**38,070**	**11,345**	**22,789**	**72,204**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	833	94	927	2,092	465	715	3,272
Operable Capacity (daily average)	1,198	95	1,293	2,414	449	860	3,723
Operable Utilization Rate (percent)[2]	69.5	98.6	71.7	86.6	103.5	83.2	87.9
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	156	15	171	444	72	154	670
Catalytic Cracking	328	16	344	695	133	204	1,031
Catalytic Hydrocracking	37	–	37	143	38	44	225
Delayed and Fluid Coking	53	–	53	238	57	79	375
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.74	1.81	0.85	1.36	2.10	0.98	1.38
API Gravity, Weighted Average (degrees)	33.73	31.30	33.49	32.36	29.18	36.20	32.79
Operable Capacity (daily average)	**1,198**	**95**	**1,293**	**2,414**	**449**	**860**	**3,723**
Operating	932	95	1,027	2,387	449	693	3,529
Idle	266	–	266	28	–	167	195
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 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	**16,807**	**113,973**	**100,491**	**6,305**	**3,831**	**241,407**	**16,657**	**66,849**	**451,615**
Natural Gas Plant Liquids	**623**	**4,568**	**3,870**	**164**	**140**	**9,365**	**624**	**2,900**	**17,313**
Pentanes Plus	250	1,499	1,206	157	–	3,112	210	755	5,074
Liquefied Petroleum Gases	373	3,069	2,664	7	140	6,253	414	2,145	12,239
Normal Butane	203	1,622	1,109	–	–	2,934	243	1,487	6,439
Isobutane	170	1,447	1,555	7	140	3,319	171	658	5,800
Other Liquids	**-5,270**	**-33,124**	**-36,771**	**-1,464**	**-518**	**-77,147**	**-2,006**	**-26,522**	**-143,864**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	185	2,174	1,579	184	84	4,206	457	1,509	7,774
Hydrogen	22	2,059	1,438	155	36	3,710	204	1,362	6,082
Oxygenates (excluding Fuel Ethanol)	–	49	–	–	–	49	–	–	49
Methyl Tertiary Butyl Ether (MTBE)	–	49	–	–	–	49	–	–	49
All Other Oxygenates[1]	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	163	66	141	29	48	447	253	147	1,608
Fuel Ethanol	126	49	134	26	48	383	240	142	1,429
Renewable Diesel Fuel	37	17	7	3	–	64	13	5	179
Other Renewable Fuels	–	–	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–	–	35
Unfinished Oils (net)	-178	6,582	2,505	198	21	9,128	-445	4,103	15,316
Naphthas and Lighter	-56	-478	-1,028	92	26	-1,444	-369	-338	-343
Kerosene and Light Gas Oils	14	-616	-102	-15	-7	-726	-195	47	-1,616
Heavy Gas Oils	3	6,393	2,025	153	2	8,576	127	3,971	14,157
Residuum	-139	1,283	1,610	-32	–	2,722	-8	423	3,118
Motor Gasoline Blend.Comp. (MGBC)(net)	-5,275	-41,880	-40,855	-1,846	-623	-90,479	-2,018	-32,134	-166,952
Reformulated - RBOB	-763	-14,375	-4,187	–	-648	-19,973	–	-27,714	-63,381
Conventional	-4,512	-27,505	-36,668	-1,846	25	-70,506	-2,018	-4,420	-103,571
CBOB	-4,149	-24,642	-35,104	-797	5	-64,687	-1,714	-3,720	-97,005
GTAB	–	–	–	–	–	–	–	–	229
Other	-363	-2,863	-1,564	-1,049	20	-5,819	-304	-700	-6,795
Aviation Gasoline Blend. Comp. (net)	-2	–	–	–	–	-2	–	–	-2
Total Input to Refineries	**12,160**	**85,417**	**67,590**	**5,005**	**3,453**	**173,625**	**15,275**	**43,227**	**325,064**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	560	3,865	3,458	187	128	8,198	562	2,446	15,405
Operable Capacity (daily average)	669	4,099	3,577	243	143	8,731	625	3,032	17,405
Operable Utilization Rate (percent)[2]	83.7	94.3	96.7	77.0	89.3	93.9	89.9	80.7	88.5
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	120	657	509	33	26	1,344	94	337	2,617
Catalytic Cracking	151	1,311	1,146	18	35	2,661	146	751	4,934
Catalytic Hydrocracking	51	441	367	16	–	875	22	443	1,601
Delayed and Fluid Coking	8	725	552	25	–	1,310	69	473	2,279
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.62	1.72	1.59	1.53	0.79	1.56	1.50	1.39	1.45
API Gravity, Weighted Average (degrees)	36.71	28.43	30.87	32.21	36.72	30.29	32.82	27.02	30.62
Operable Capacity (daily average)	**669**	**4,099**	**3,577**	**243**	**143**	**8,731**	**625**	**3,032**	**17,405**
Operating	669	4,040	3,522	243	126	8,601	625	2,648	16,431
Idle	–	59	55	–	17	130	–	384	974
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**15,604**	**15,604**

– = 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."